

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\  
 Data File : VN062445.D  
 Acq On : 9 Jul 2020 7:35  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 09 08:08:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N070820W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 09 02:12:34 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 215715   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 385659   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 350849   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 161634   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65  | 174719   | 52.66 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.32% |      |
| 35) Dibromofluoromethane    | 7.55   | 113 | 123764   | 51.92 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.84% |      |
| 50) Toluene-d8              | 10.06  | 98  | 494980   | 52.60 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.20% |      |
| 62) 4-Bromofluorobenzene    | 12.38  | 95  | 183898   | 53.47 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.94% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 109605  | 49.882  | ug/l | 96     |
| 3) Chloromethane              | 2.04 | 50  | 156389  | 44.358  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.16 | 62  | 142321  | 49.272  | ug/l | 99     |
| 5) Bromomethane               | 2.52 | 94  | 52364   | 33.754  | ug/l | 99     |
| 6) Chloroethane               | 2.67 | 64  | 83774   | 49.796  | ug/l | 95     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 185951  | 50.688  | ug/l | 100    |
| 8) Diethyl Ether              | 3.37 | 74  | 86426   | 52.686  | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 111543  | 51.292  | ug/l | 99     |
| 10) Methyl Iodide             | 3.91 | 142 | 92259   | 32.130  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 141968  | 257.939 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 114715  | 51.811  | ug/l | 96     |
| 13) Acrolein                  | 3.57 | 56  | 76946   | 193.798 | ug/l | 100    |
| 14) Allyl chloride            | 4.27 | 41  | 246789  | 47.393  | ug/l | 98     |
| 15) Acrylonitrile             | 4.93 | 53  | 365921  | 253.496 | ug/l | 99     |
| 16) Acetone                   | 3.77 | 43  | 308282  | 218.847 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.01 | 76  | 347650  | 50.109  | ug/l | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 167168  | 47.553  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 442803  | 52.750  | ug/l | 99     |
| 20) Methylene Chloride        | 4.50 | 84  | 141459  | 46.967  | ug/l | 94     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 123803  | 51.614  | ug/l | 99     |
| 22) Diisopropyl ether         | 5.90 | 45  | 528006  | 51.323  | ug/l | 97     |
| 23) Vinyl Acetate             | 5.84 | 43  | 2207876 | 259.069 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 273550  | 51.456  | ug/l | 99     |
| 25) 2-Butanone                | 6.79 | 43  | 510222  | 248.010 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 150793  | 36.994  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 147573  | 53.116  | ug/l | 96     |
| 28) Bromochloromethane        | 7.15 | 49  | 145988  | 50.546  | ug/l | 97     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 345364  | 249.349 | ug/l | 99     |
| 30) Chloroform                | 7.33 | 83  | 254541  | 53.029  | ug/l | 98     |
| 31) Cyclohexane               | 7.61 | 56  | 242263  | 48.070  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 210902  | 52.822  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 194171  | 49.974  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 215623  | 47.459  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 179320  | 51.334  | ug/l | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
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 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Jul 09 08:08:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N070820W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 09 02:12:34 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 213143   | 51.383   | ug/l   | 97       |
| 40) Benzene                    | 8.00  | 78   | 578241   | 50.495   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.12  | 41   | 99538    | 52.437   | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 212437   | 50.664   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.12  | 43   | 362416   | 50.496   | ug/l   | 98       |
| 44) Trichloroethene            | 8.80  | 130  | 133335   | 52.479   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 167101   | 50.267   | ug/l   | 99       |
| 46) Dibromomethane             | 9.18  | 93   | 96401    | 51.387   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.37  | 83   | 207122   | 51.642   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 175947   | 49.976   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 52965    | 1033.599 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 1073343  | 250.384  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 341942   | 51.696   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 224773   | 50.023   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 245358   | 49.489   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.54 | 97   | 134991   | 51.890   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 237011   | 49.522   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 250289   | 52.076   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 410504   | 265.980  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.72 | 43   | 784428   | 252.059  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.87 | 129  | 147640   | 52.341   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 137958   | 52.533   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 111922   | 53.759   | ug/l   | 96       |
| 65) Chlorobenzene              | 11.41 | 112  | 354796   | 52.031   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 131068   | 52.123   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 676886   | 52.884   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.60 | 106  | 484090   | 106.836  | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 236749   | 53.664   | ug/l   | 100      |
| 70) Styrene                    | 11.94 | 104  | 407755   | 55.924   | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 97567    | 52.929   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 632148   | 50.541   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.04 | 43   | 326056   | 53.559   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 207368   | 49.309   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 245412   | 61.880   | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 448426   | 157.703  | ug/l # | 8        |
| 78) n-propylbenzene            | 12.56 | 91   | 752388   | 51.497   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 444979   | 50.182   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 532818   | 51.965   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 42761    | 28.859   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 463501   | 51.487   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 447612   | 51.442   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 547897   | 53.759   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.15 | 105  | 590196   | 51.187   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 524615   | 52.717   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 256869   | 52.365   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 255495   | 50.619   | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.59 | 91   | 472228   | 53.742   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 89262    | 45.598   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 251170   | 52.957   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 41338    | 53.863   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 55 Sample Multiplier: 1

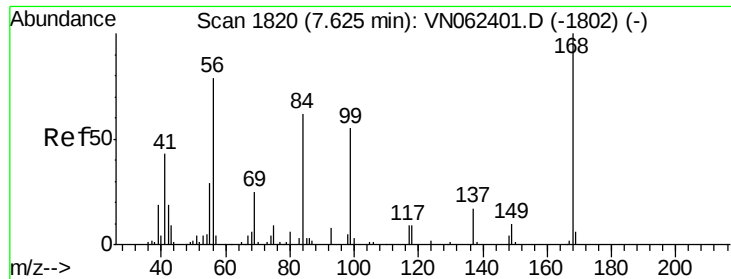
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jul 09 08:08:26 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N070820W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 09 02:12:34 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 135964   | 59.029 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.99 | 225  | 62615    | 49.722 | ug/l  | 98       |
| 95) Naphthalene            | 15.10 | 128  | 692854   | 98.358 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 134848   | 52.622 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

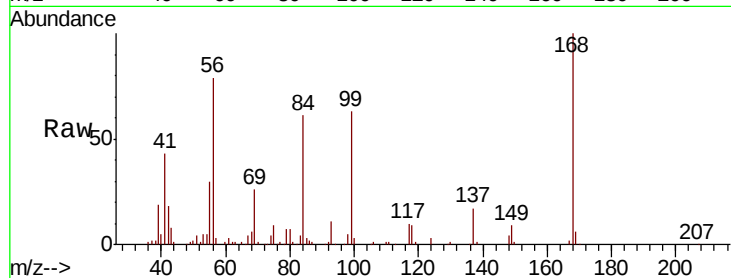
VSTDCCC050EC

Tot Ion:168 Resp: 215715

Ion Ratio Lower Upper

168 100

99 63.0 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

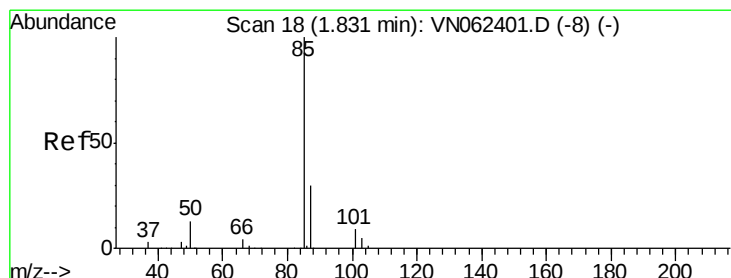
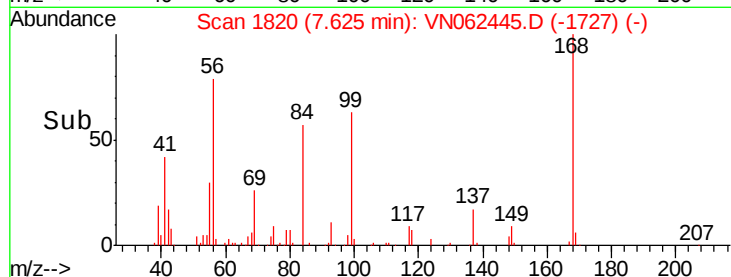
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 49.882 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062445.D

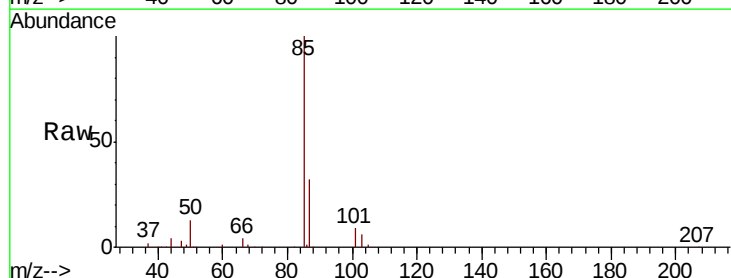
Acq: 9 Jul 2020 7:35

Tgt Ion: 85 Resp: 109605

Ion Ratio Lower Upper

85 100

87 32.4 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

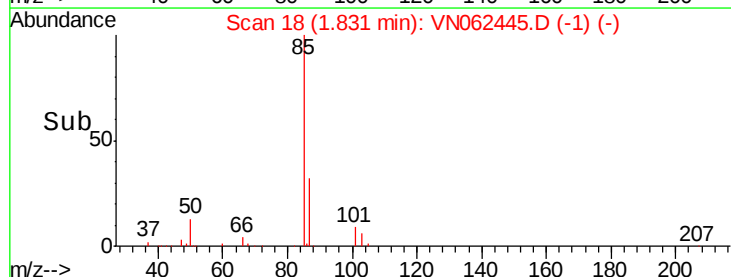
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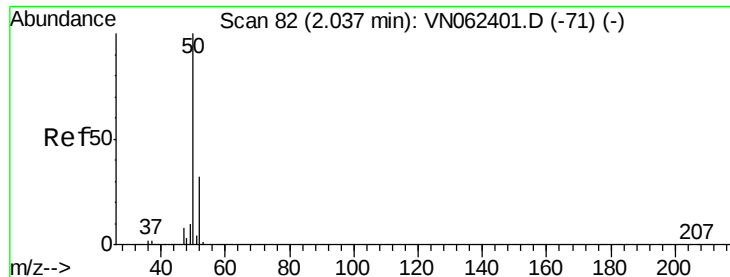
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 44.358 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

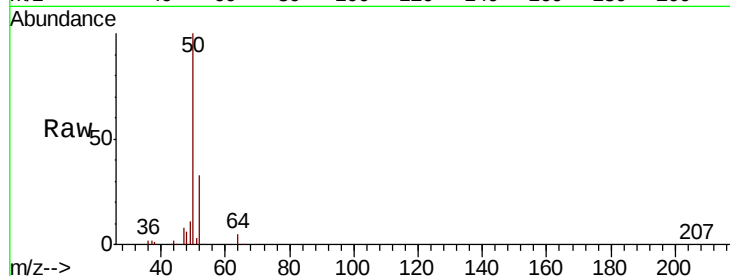
VSTDCCC050EC

Tot Ion: 50 Resp: 156389

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

120000

100000

80000

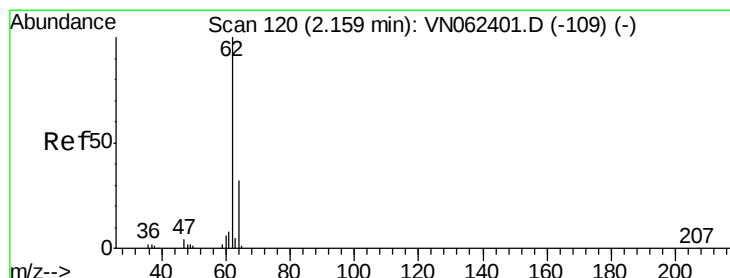
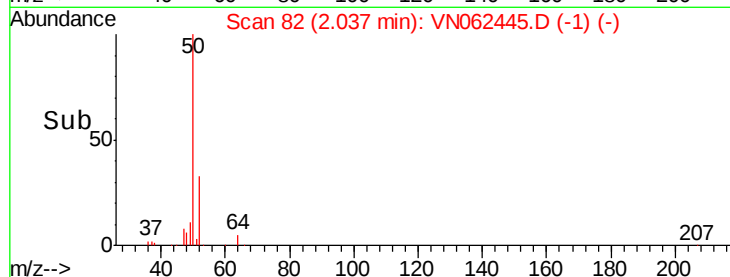
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 49.272 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062445.D

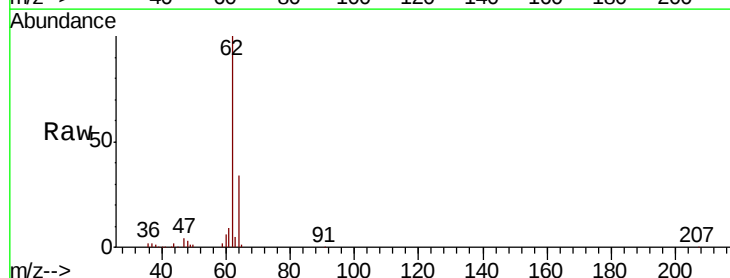
Acq: 9 Jul 2020 7:35

Tgt Ion: 62 Resp: 142321

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

100000

80000

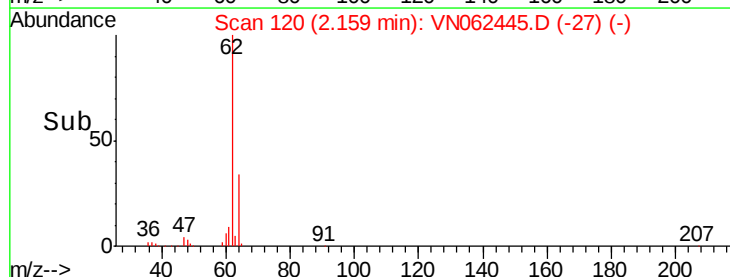
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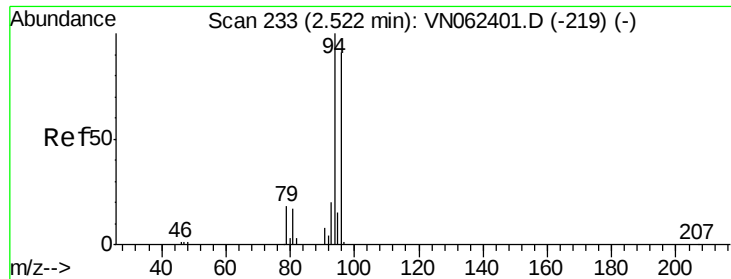
40000

20000

0

Time-->





#5

Bromomethane

Concen: 33.754 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

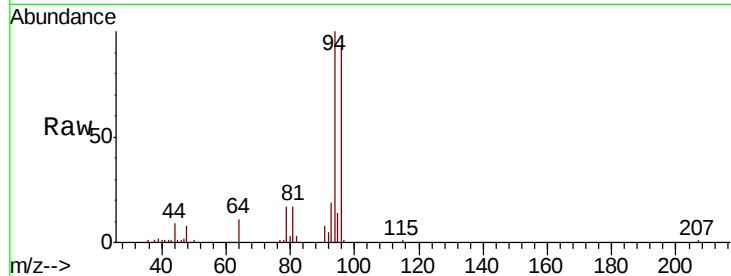
VSTDCCC050EC

Tot Ion: 94 Resp: 52364

Ion Ratio Lower Upper

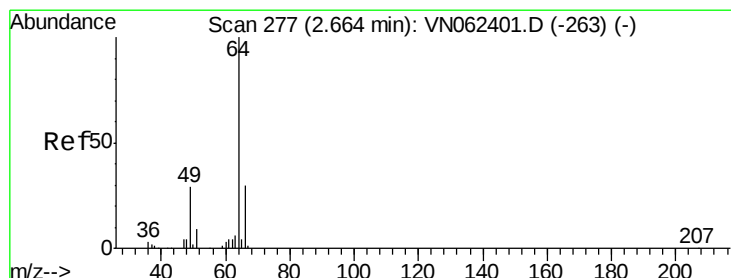
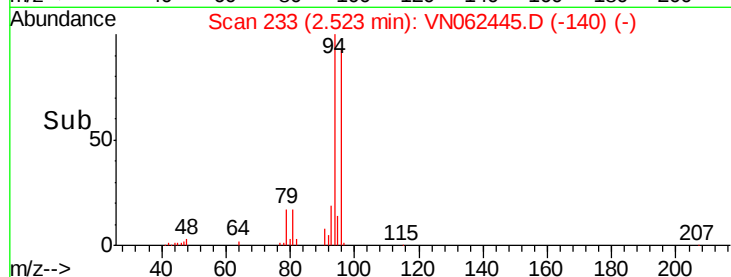
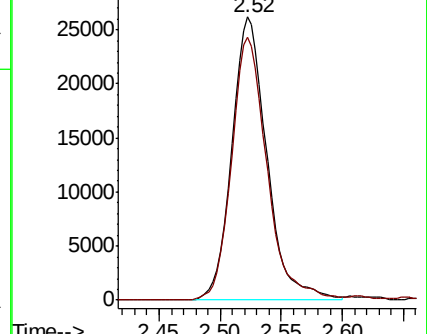
94 100

96 92.7 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN062401.D (-219) (-)

Ion 95.90 (95.60 to 96.60): VN062401.D (-219) (-)



#6

Chloroethane

Concen: 49.796 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062445.D

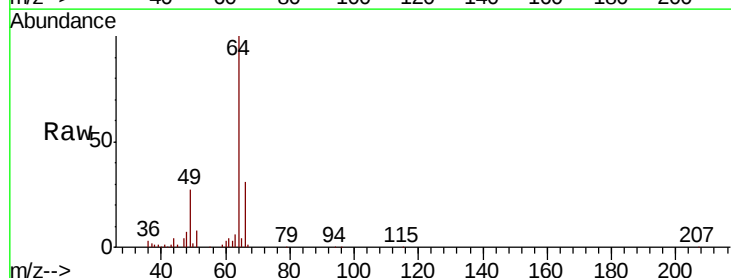
Acq: 9 Jul 2020 7:35

Tgt Ion: 64 Resp: 83774

Ion Ratio Lower Upper

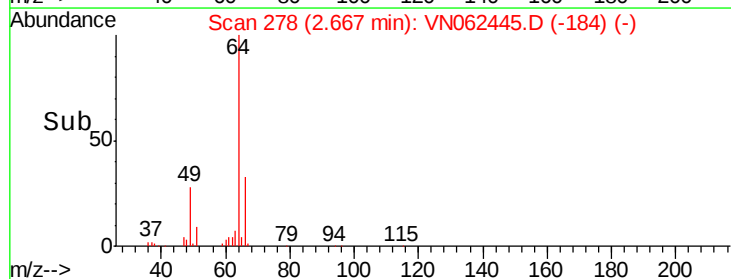
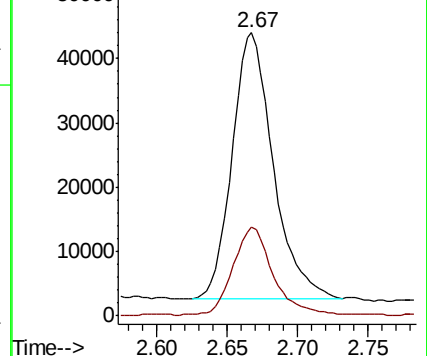
64 100

66 33.0 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN062401.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN062401.D (-263) (-)



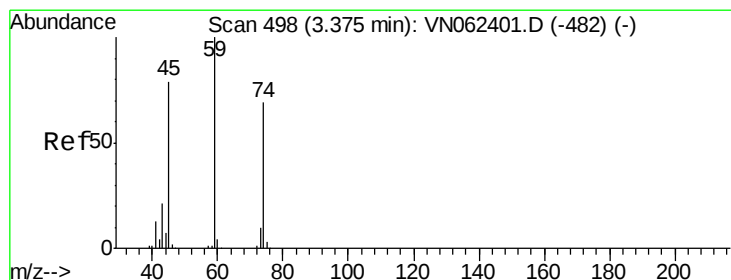
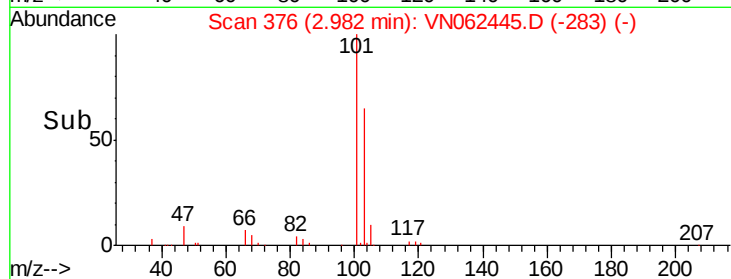
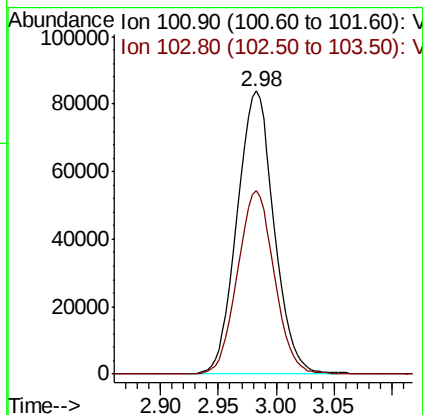
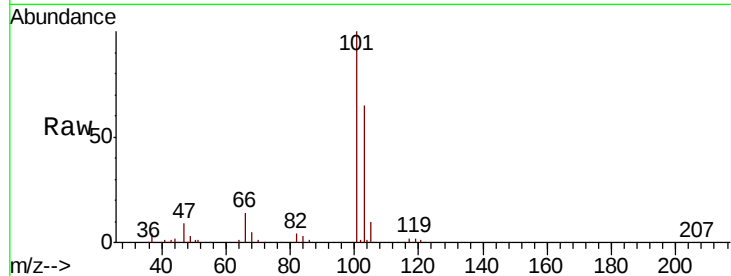


#7

Trichlorofluoromethane  
 Concen: 50.688 ug/l  
 RT: 2.98 min Scan# 376  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

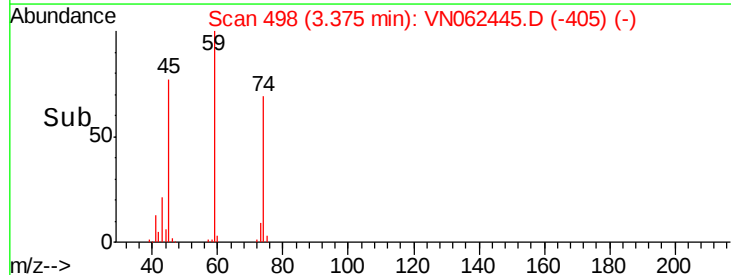
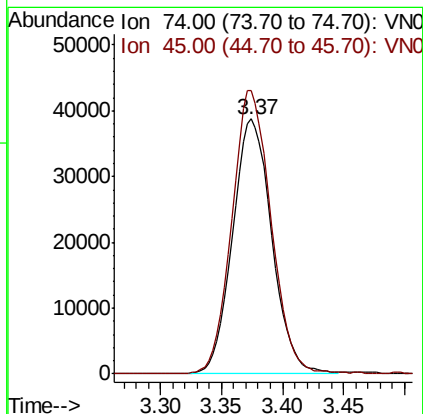
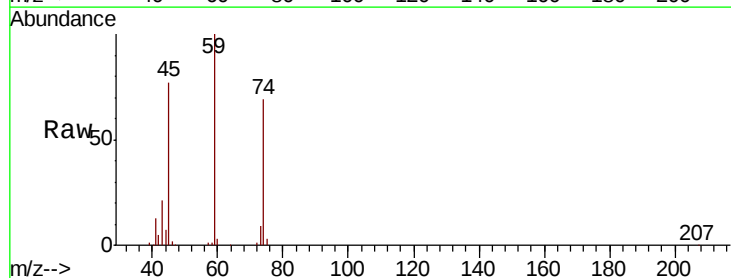
Tot Ion:101 Resp: 185951  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 51.6 77.4

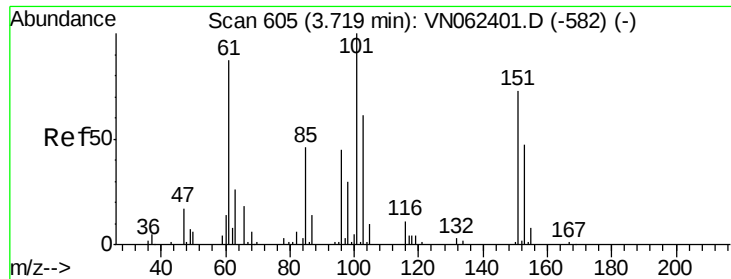


#8

Diethyl Ether  
 Concen: 52.686 ug/l  
 RT: 3.37 min Scan# 498  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Tgt Ion: 74 Resp: 86426  
 Ion Ratio Lower Upper  
 74 100  
 45 111.1 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.292 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

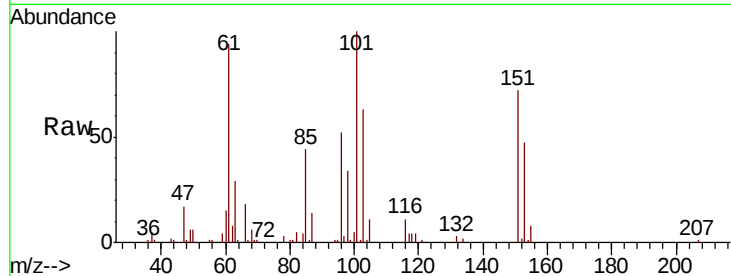
Tot Ion:101 Resp: 111543

Ion Ratio Lower Upper

101 100

85 44.9 36.7 55.1

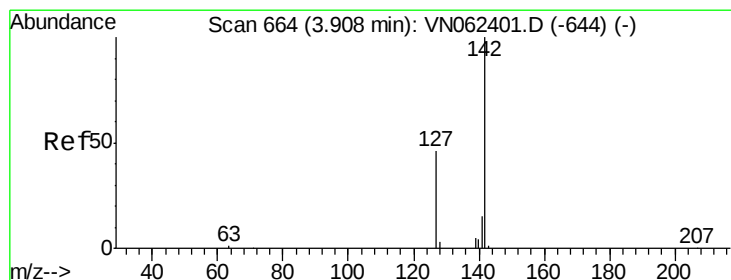
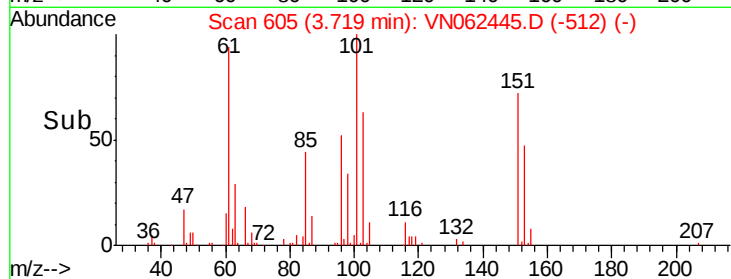
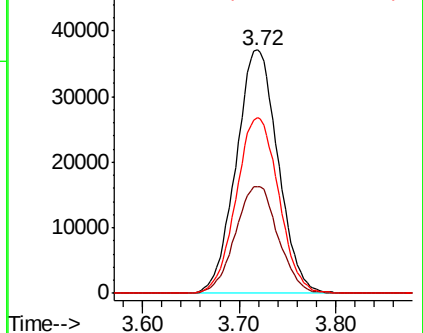
151 73.1 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 32.130 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

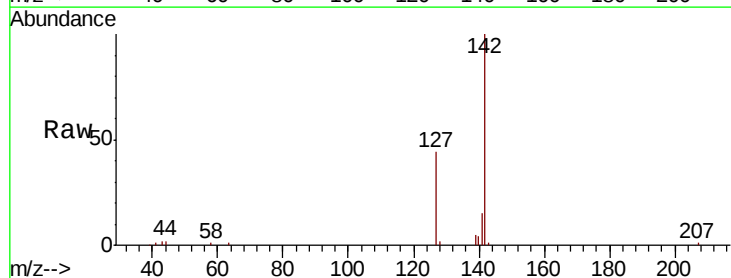
Tgt Ion:142 Resp: 92259

Ion Ratio Lower Upper

142 100

127 44.2 36.1 54.1

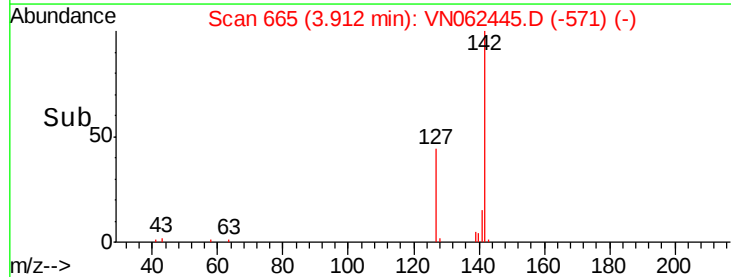
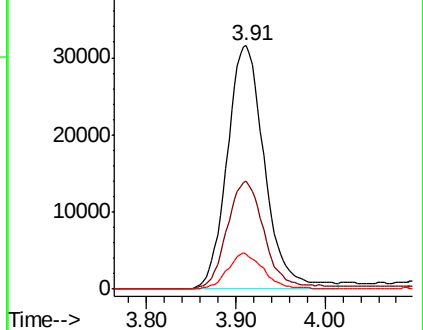
141 14.1 11.4 17.0

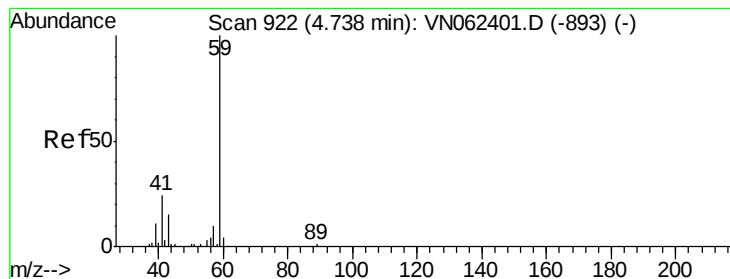


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



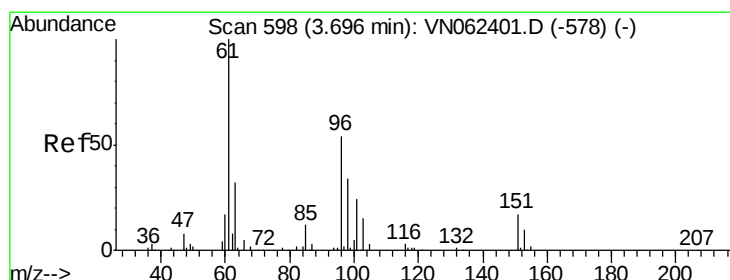
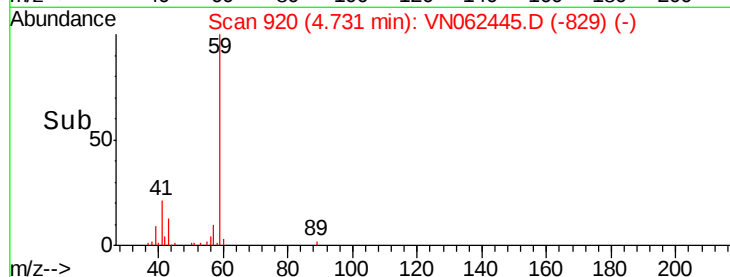
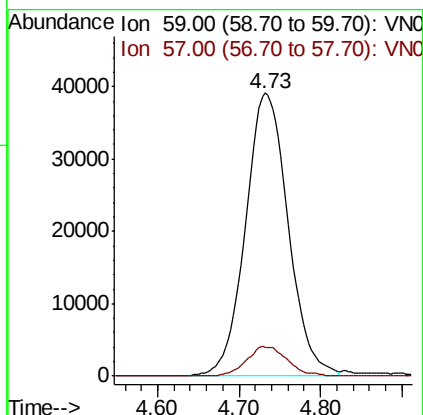
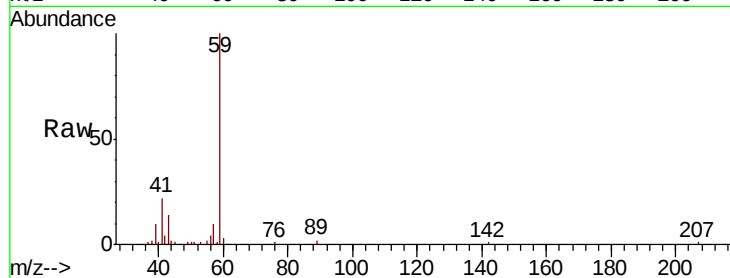


#11

Tert butyl alcohol  
 Concen: 257.939 ug/l  
 RT: 4.73 min Scan# 920  
 Delta R.T. -0.01 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

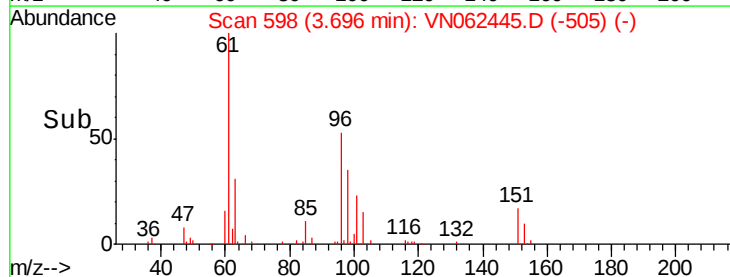
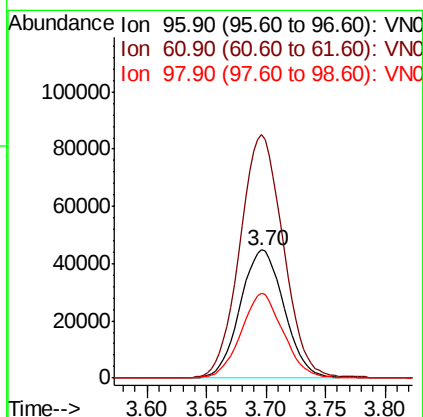
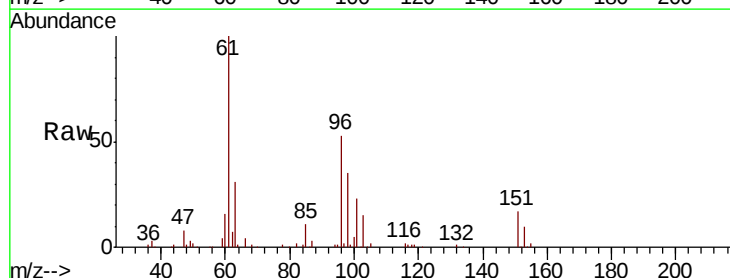
Tot Ion: 59 Resp: 141968  
 Ion Ratio Lower Upper  
 59 100  
 57 9.9 7.8 11.6

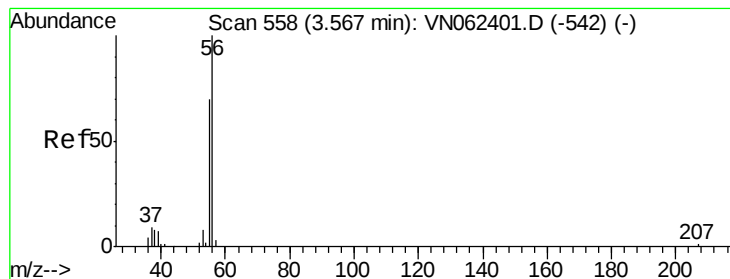


#12

1,1-Dichloroethene  
 Concen: 51.811 ug/l  
 RT: 3.70 min Scan# 598  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Tgt Ion: 96 Resp: 114715  
 Ion Ratio Lower Upper  
 96 100  
 61 189.7 147.4 221.0  
 98 66.1 50.4 75.6





#13

Acrolein

Concen: 193.798 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

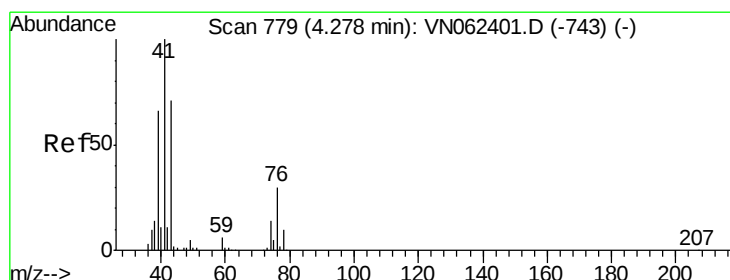
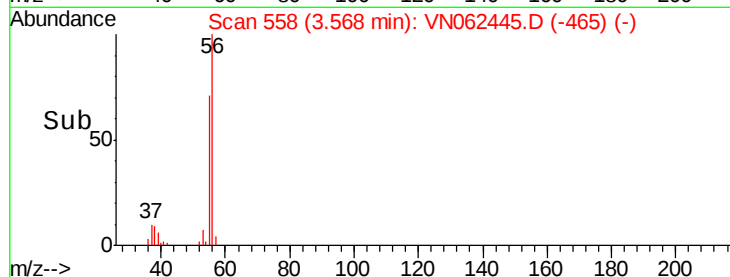
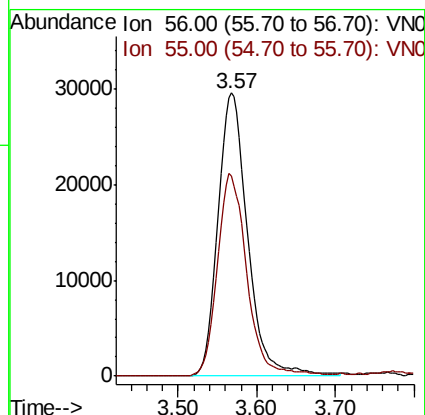
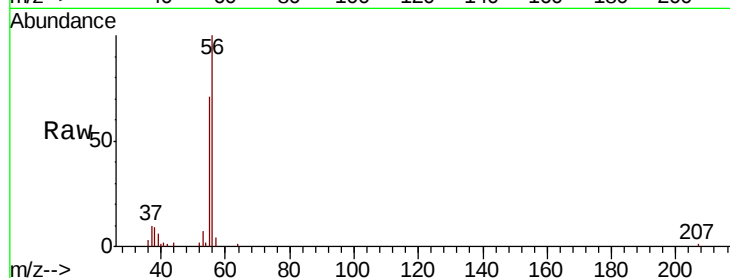
VSTDCCC050EC

Tot Ion: 56 Resp: 76946

Ion Ratio Lower Upper

56 100

55 71.3 57.2 85.8



#14

Allyl chloride

Concen: 47.393 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

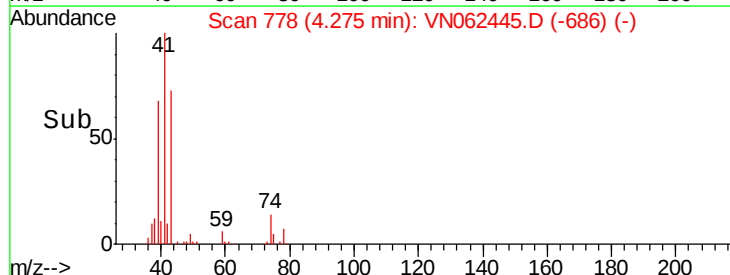
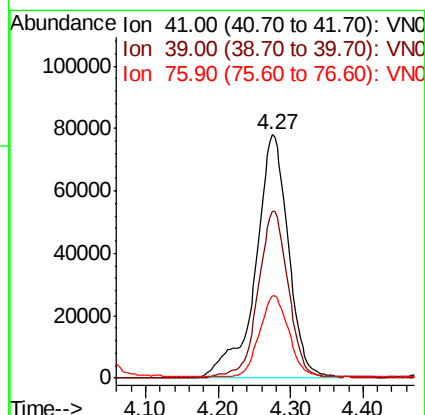
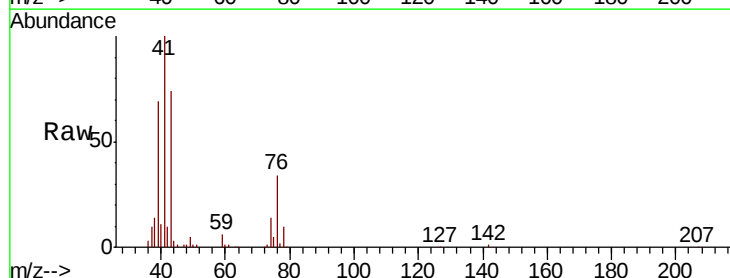
Tgt Ion: 41 Resp: 246789

Ion Ratio Lower Upper

41 100

39 63.4 49.6 74.4

76 29.2 22.2 33.4





#15

Acrylonitrile

Concen: 253.496 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

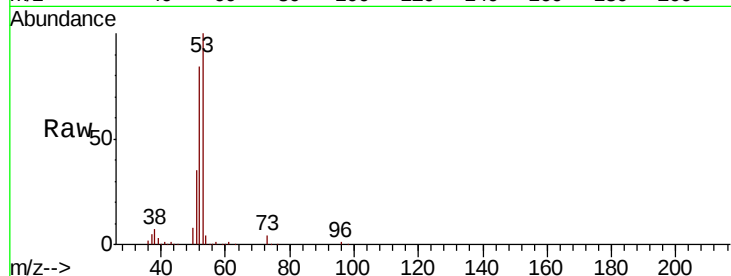
Tot Ion: 53 Resp: 365921

Ion Ratio Lower Upper

53 100

52 83.5 66.2 99.4

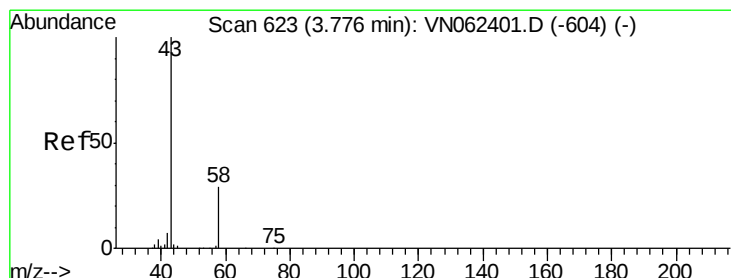
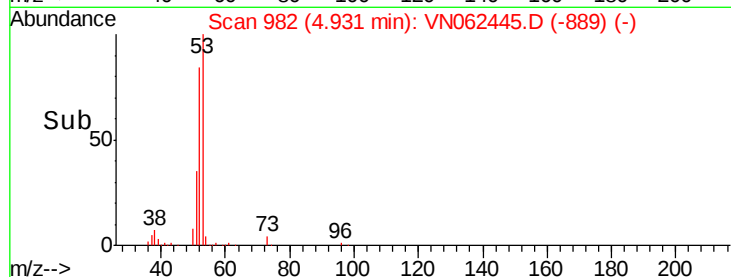
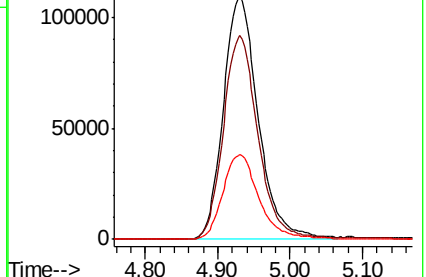
51 36.0 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN062401.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062401.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062401.D (-960) (-)



#16

Acetone

Concen: 218.847 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062445.D

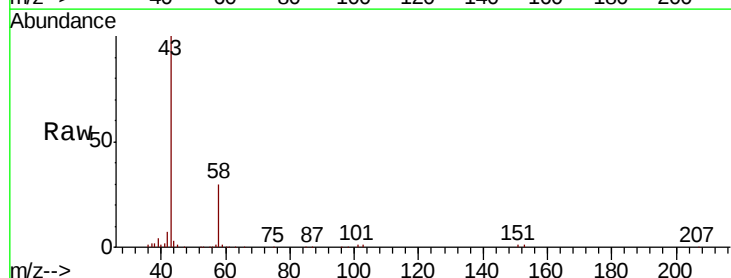
Acq: 9 Jul 2020 7:35

Tgt Ion: 43 Resp: 308282

Ion Ratio Lower Upper

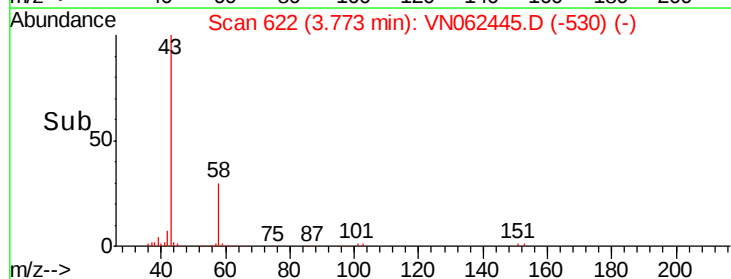
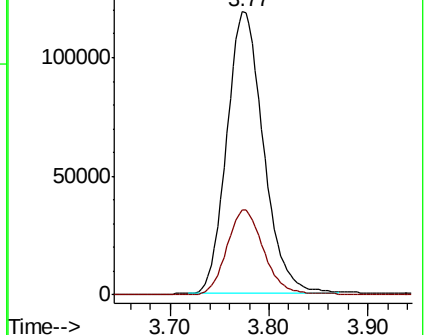
43 100

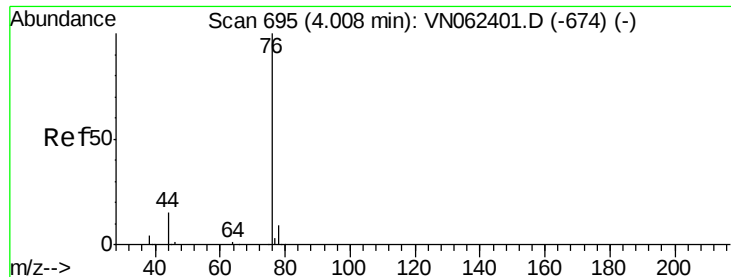
58 30.1 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-604) (-)

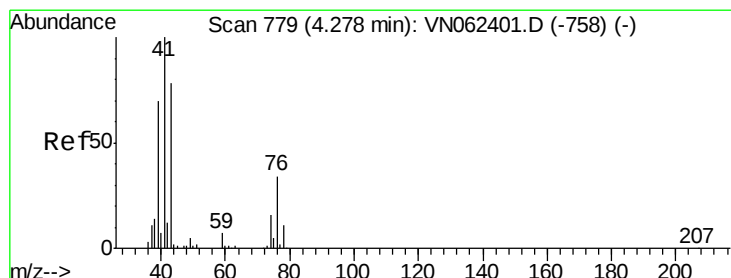
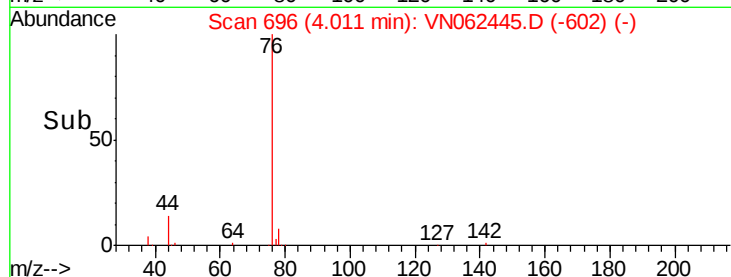
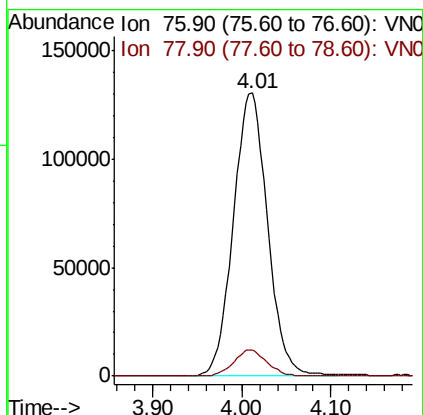
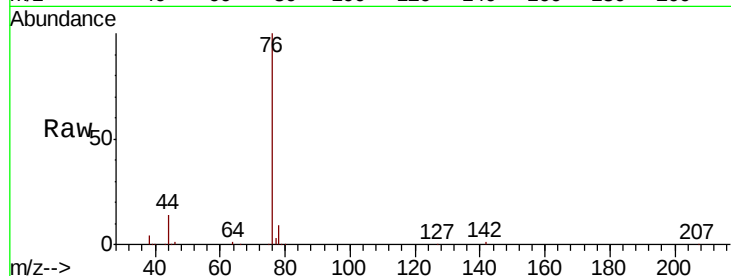




#17  
Carbon Disulfide  
Concen: 50.109 ug/l  
RT: 4.01 min Scan# 696  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

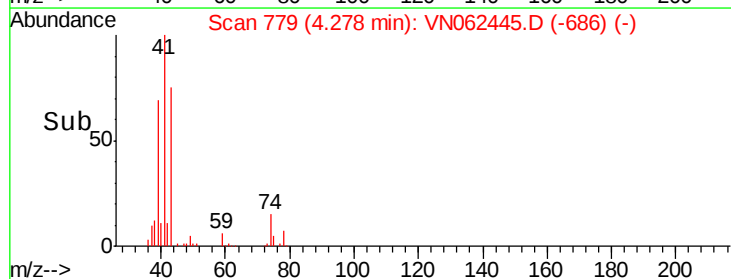
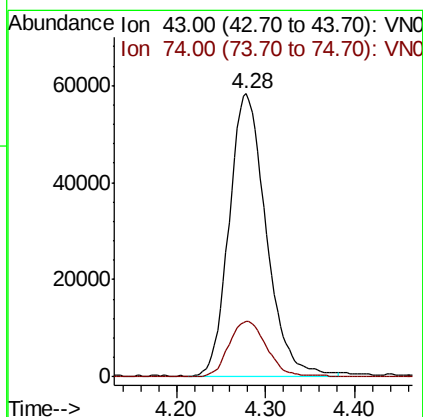
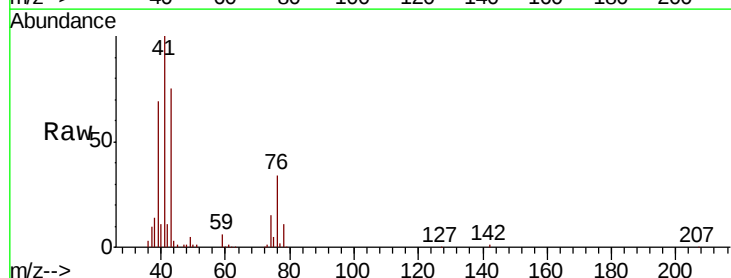
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

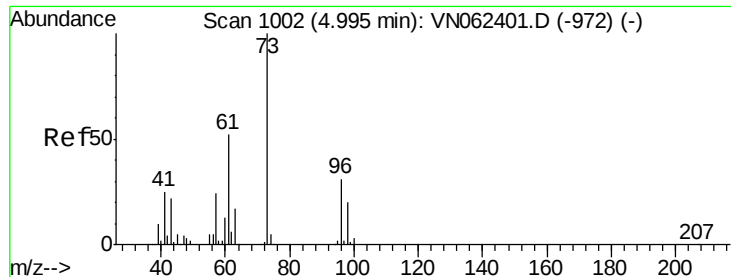
Tot Ion: 76 Resp: 347650  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9



#18  
Methyl Acetate  
Concen: 47.553 ug/l  
RT: 4.28 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion: 43 Resp: 167168  
Ion Ratio Lower Upper  
43 100  
74 20.2 16.0 24.0

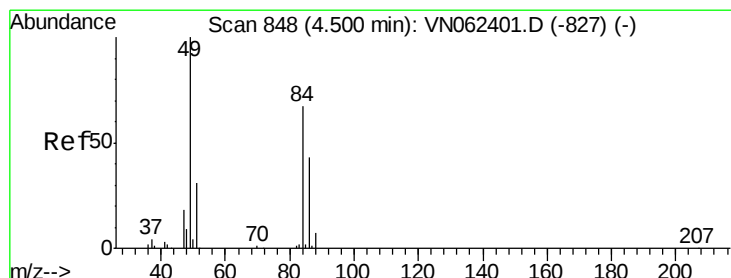
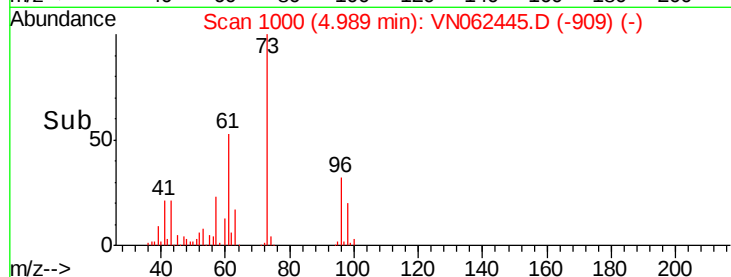
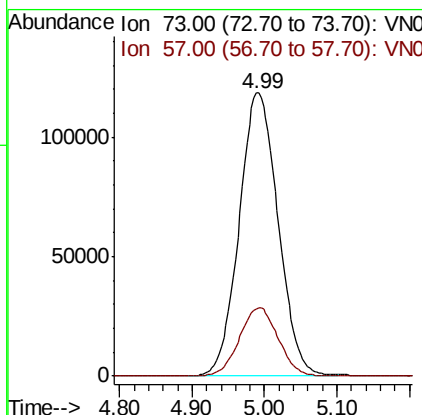
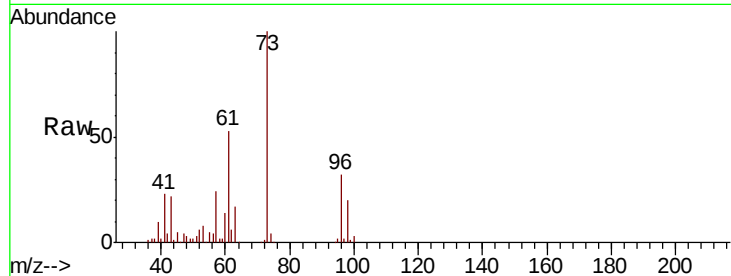




#19  
Methvl tert-butvl Ether  
Concen: 52.750 ug/l  
RT: 4.99 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

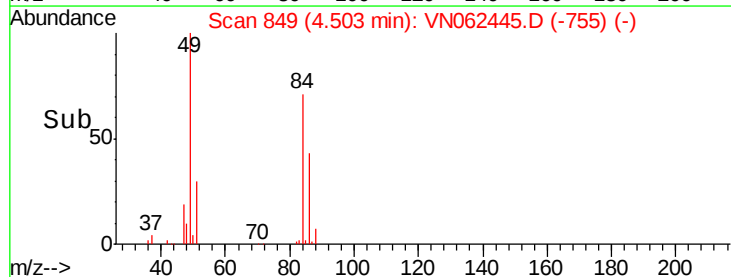
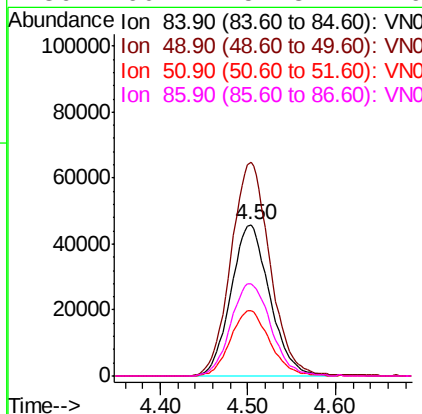
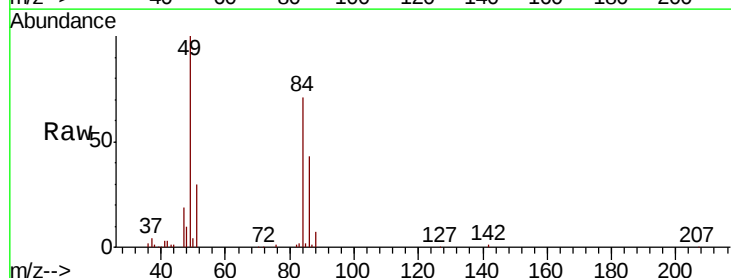
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

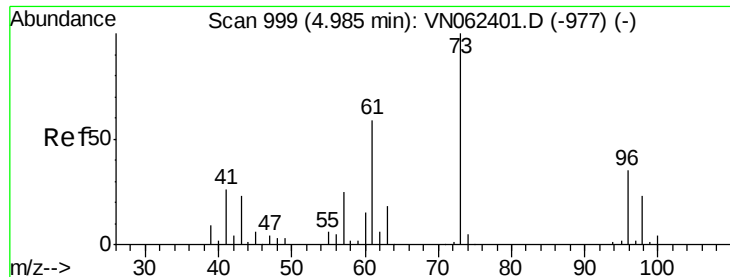
Tot Ion: 73 Resp: 442803  
Ion Ratio Lower Upper  
73 100  
57 23.9 19.4 29.0



#20  
Methylene Chloride  
Concen: 46.967 ug/l  
RT: 4.50 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion: 84 Resp: 141459  
Ion Ratio Lower Upper  
84 100  
49 141.3 120.0 180.0  
51 43.1 37.0 55.6  
86 60.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 51.614 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

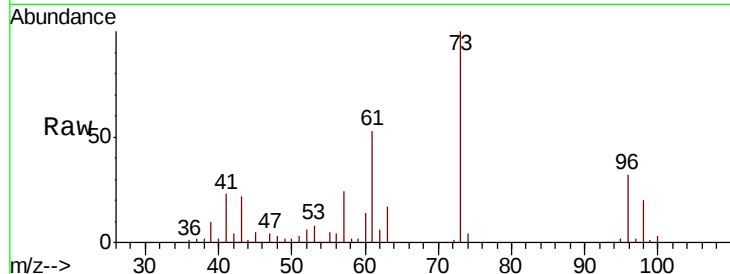
Tot Ion: 96 Resp: 123803

Ion Ratio Lower Upper

96 100

61 165.2 133.5 200.3

98 63.8 51.9 77.9

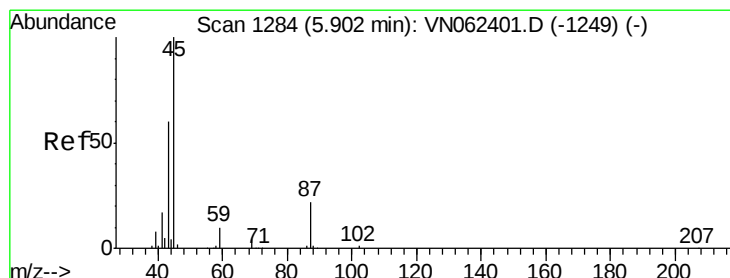
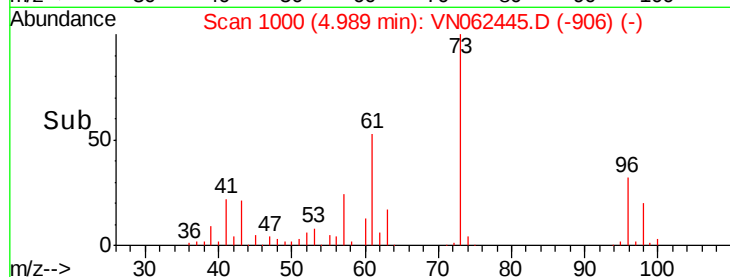
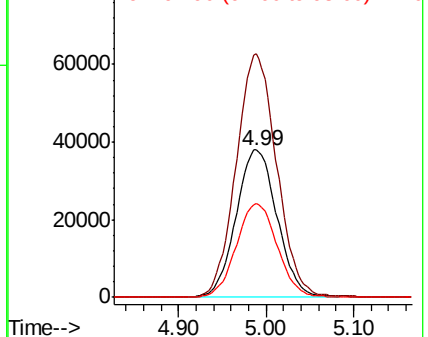


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.323 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Tgt Ion: 45 Resp: 528006

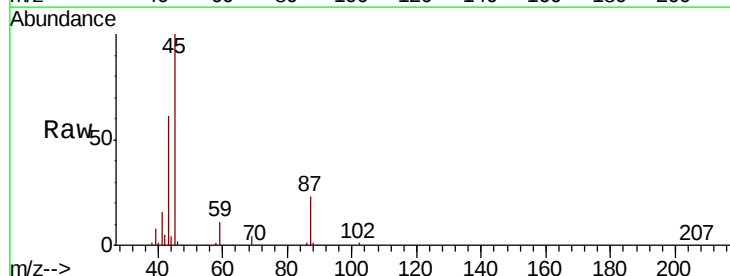
Ion Ratio Lower Upper

45 100

43 59.8 50.1 75.1

87 23.4 18.2 27.4

59 10.7 8.2 12.2



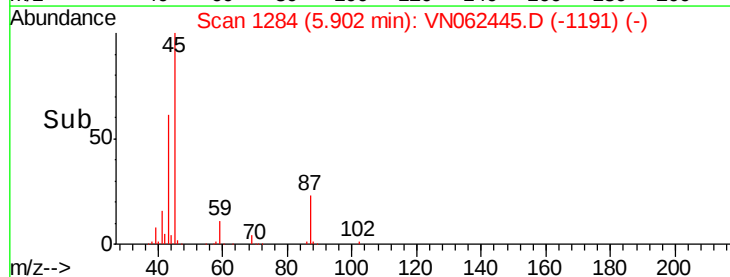
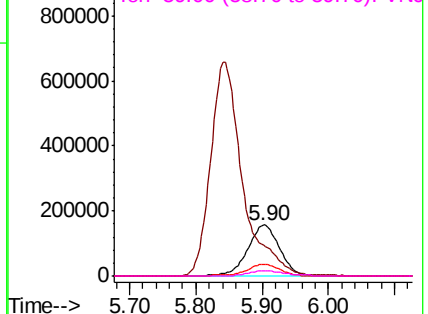
Abundance

Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 259.069 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

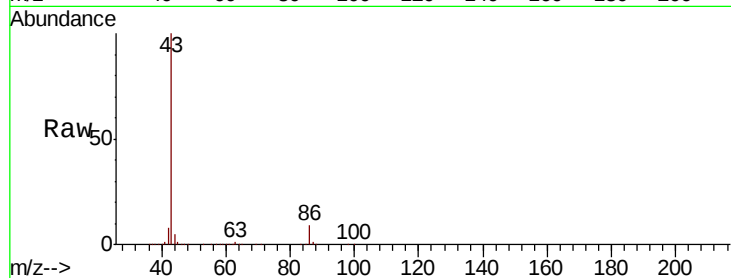
VSTDCCC050EC

Tot Ion: 43 Resp: 2207876

Ion Ratio Lower Upper

43 100

86 8.5 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

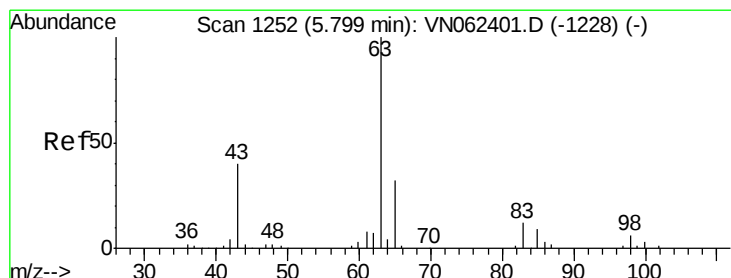
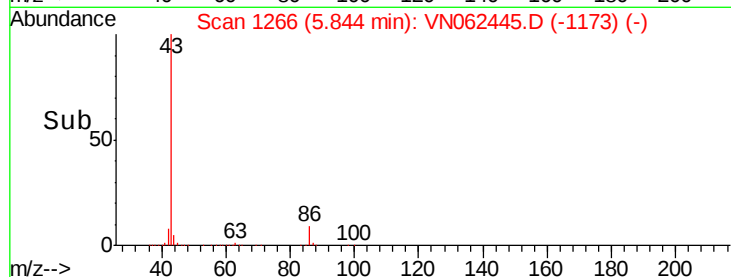
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.456 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

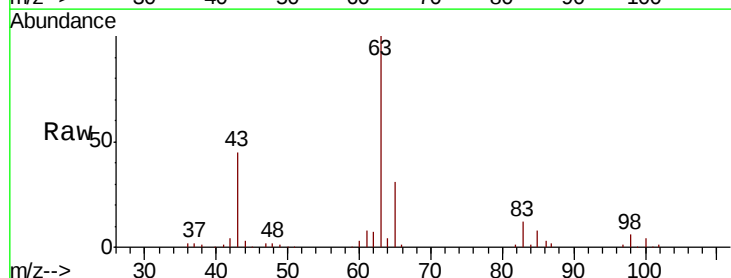
Tgt Ion: 63 Resp: 273550

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 4.0 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

120000

100000

80000

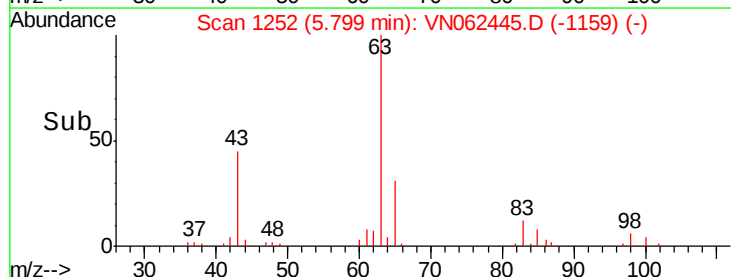
60000

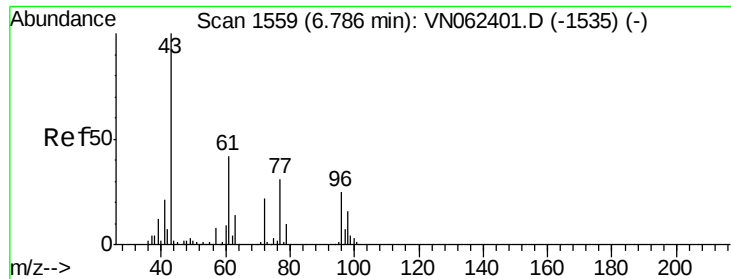
40000

20000

0

Time-->





#25

2-Butanone

Concen: 248.010 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

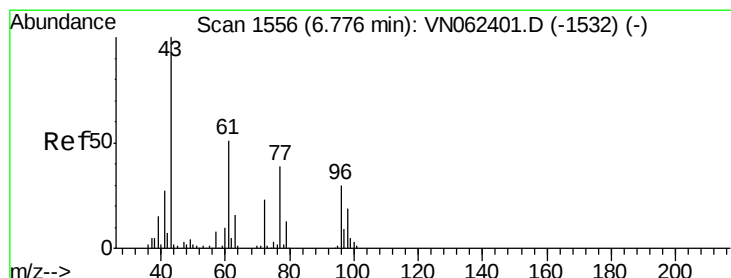
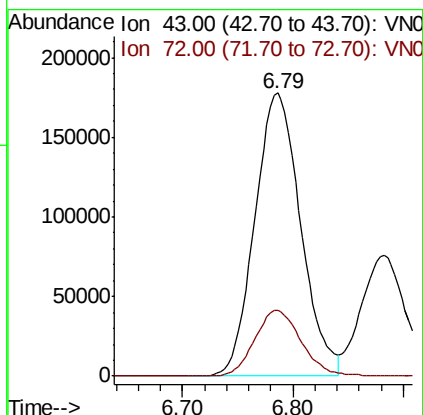
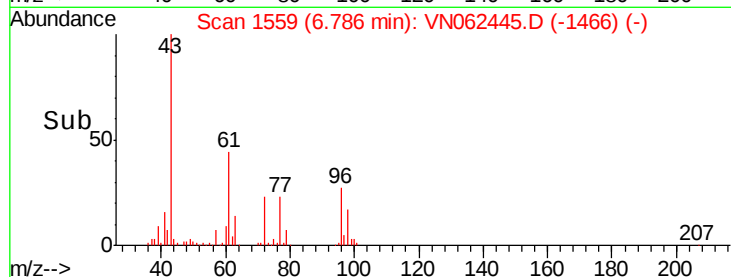
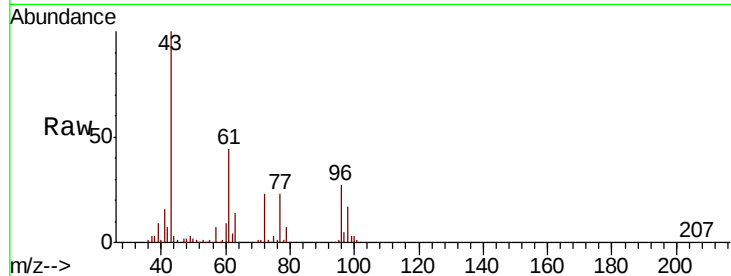
VSTDCCC050EC

Tot Ion: 43 Resp: 510222

Ion Ratio Lower Upper

43 100

72 23.2 17.9 26.9



#26

2,2-Dichloropropane

Concen: 36.994 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062445.D

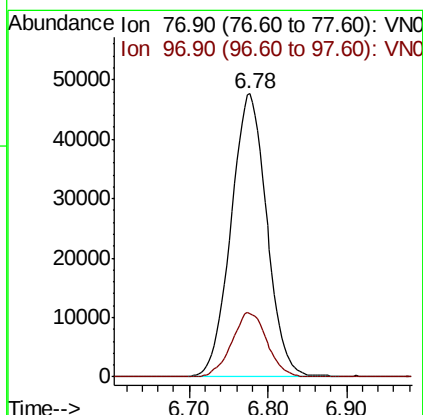
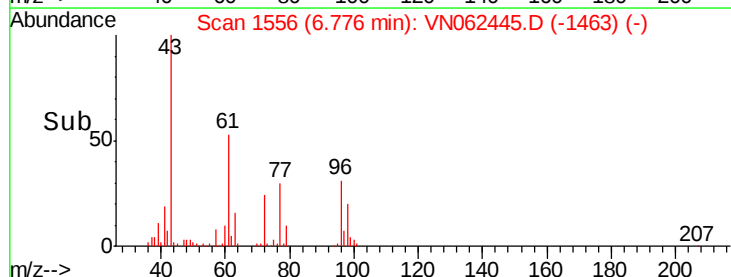
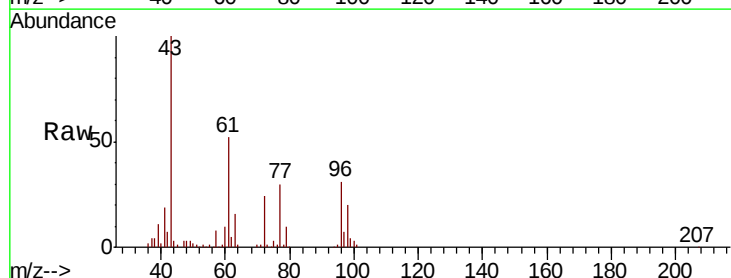
Acq: 9 Jul 2020 7:35

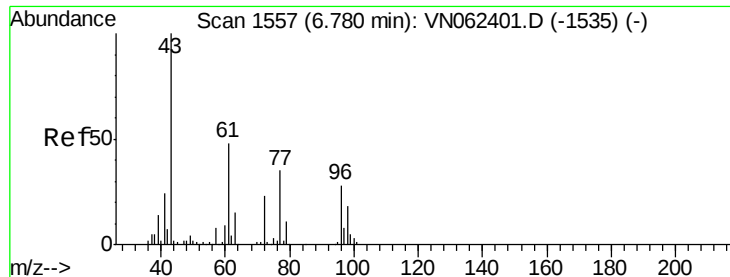
Tgt Ion: 77 Resp: 150793

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.116 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

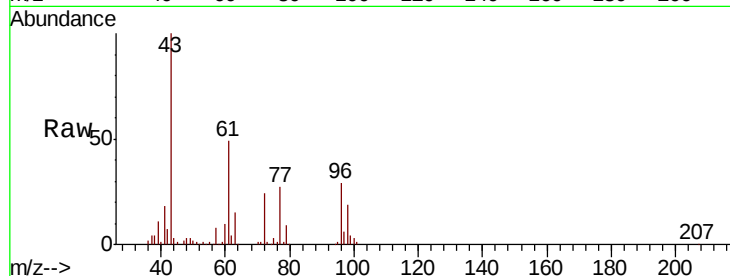
Tot Ion: 96 Resp: 147573

Ion Ratio Lower Upper

96 100

61 164.1 0.0 343.4

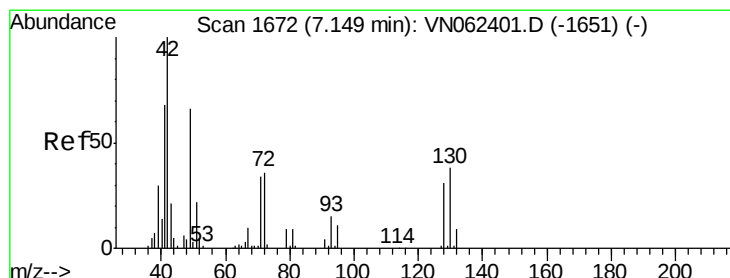
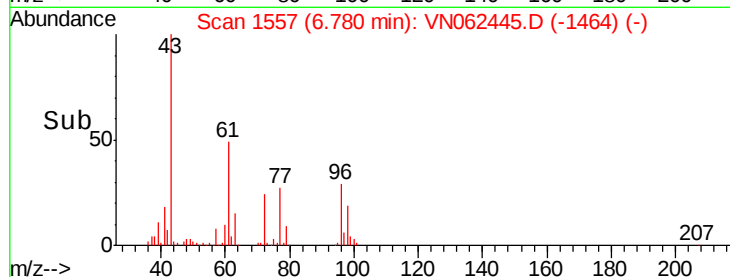
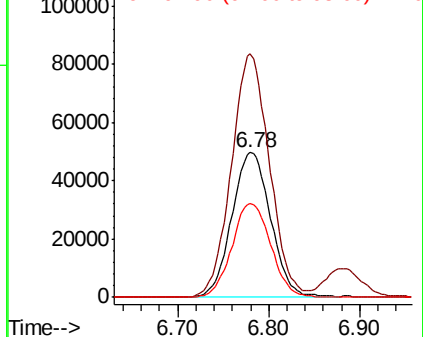
98 64.8 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN062401.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN062401.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN062401.D (-1535) (-)



#28

Bromochloromethane

Concen: 50.546 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

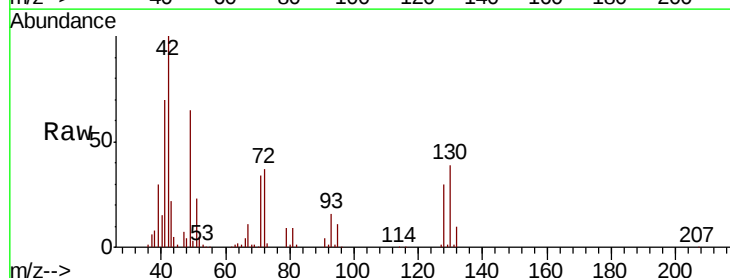
Tgt Ion: 49 Resp: 145988

Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.8

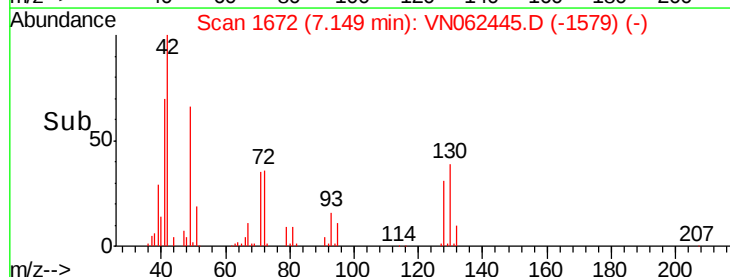
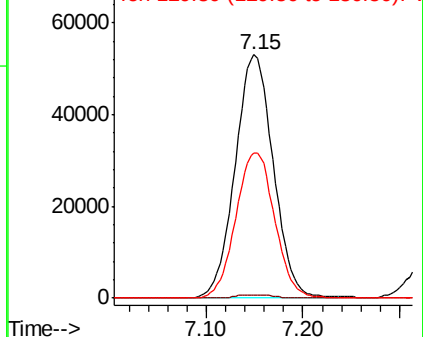
130 60.6 46.5 69.7

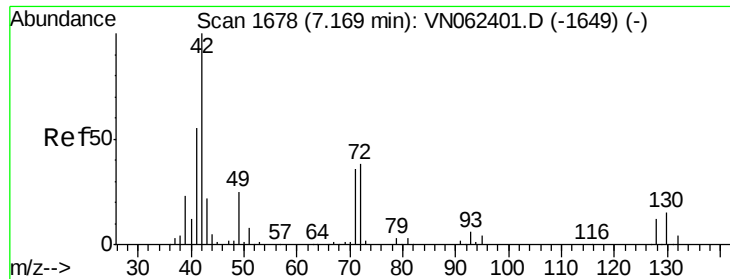


Abundance Ion 48.90 (48.60 to 49.60): VN062401.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN062401.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN062401.D (-1651) (-)

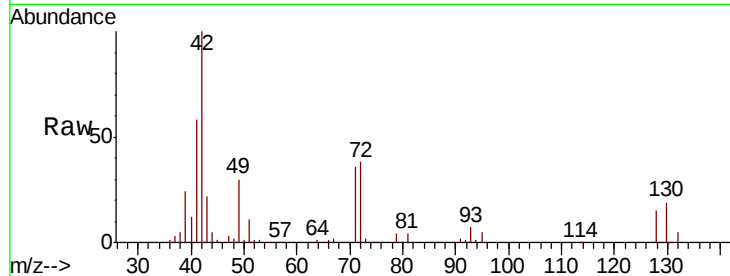




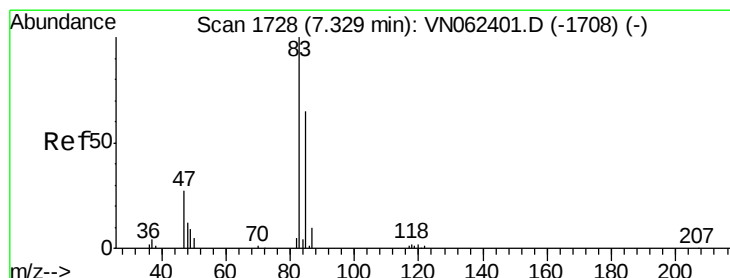
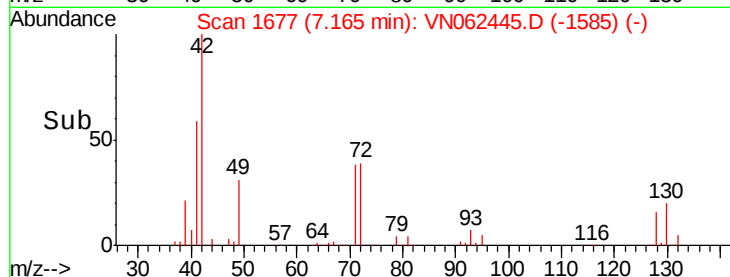
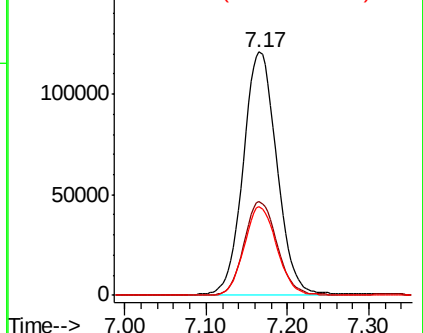
#29  
Tetrahydrofuran  
Concen: 249.349 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. -0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 42 Resp: 345364  
Ion Ratio Lower Upper  
42 100  
72 37.8 29.1 43.7  
71 35.3 28.1 42.1

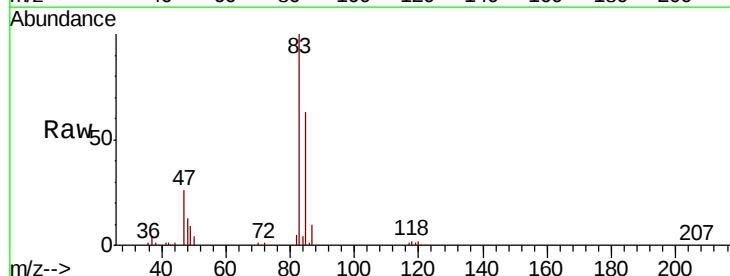


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

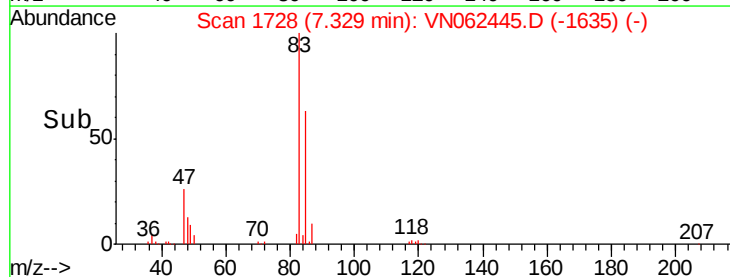
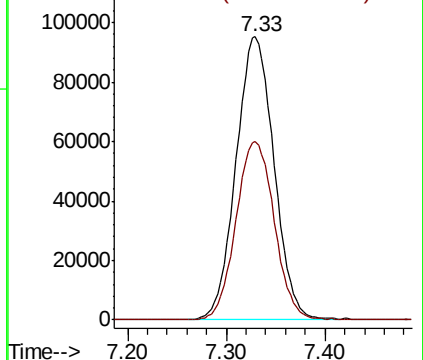


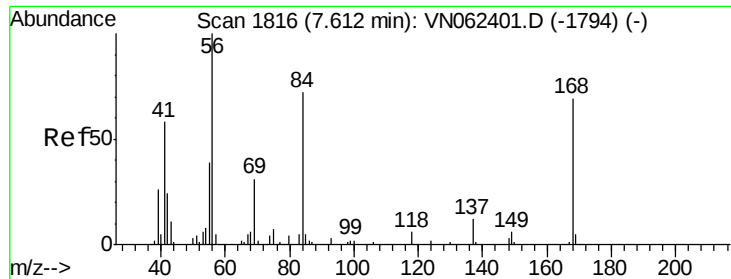
#30  
Chloroform  
Concen: 53.029 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion: 83 Resp: 254541  
Ion Ratio Lower Upper  
83 100  
85 63.1 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0

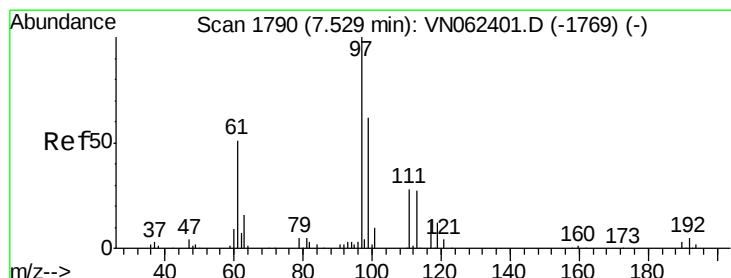
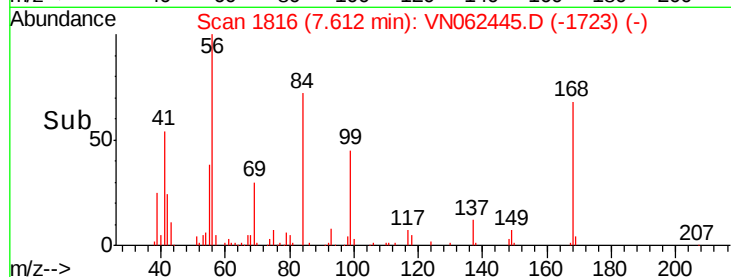
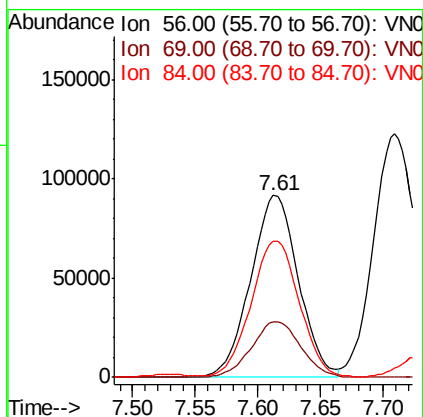
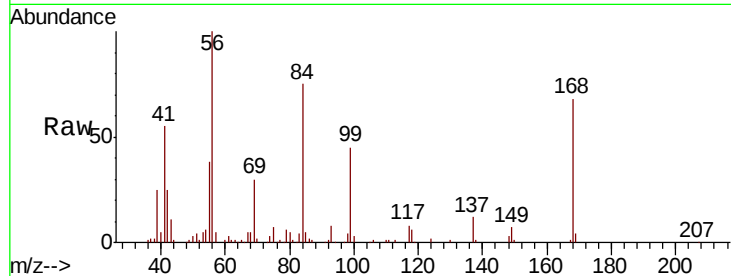




#31  
Cyclohexane  
Concen: 48.070 ug/l  
RT: 7.61 min Scan# 1816  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

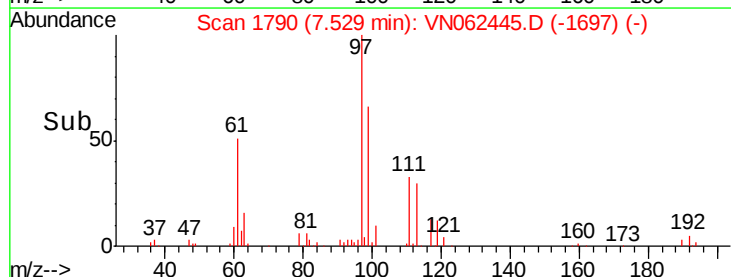
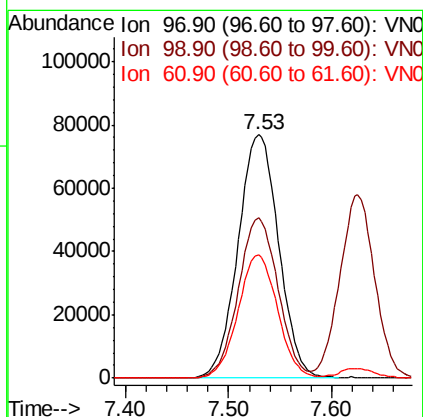
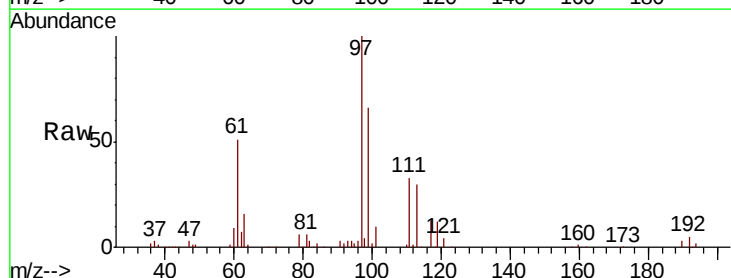
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

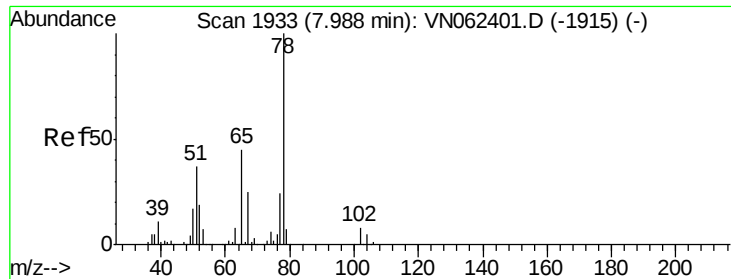
Tot Ion: 56 Resp: 242263  
Ion Ratio Lower Upper  
56 100  
69 30.2 24.5 36.7  
84 73.4 57.4 86.2



#32  
1,1,1-Trichloroethane  
Concen: 52.822 ug/l  
RT: 7.53 min Scan# 1790  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion: 97 Resp: 210902  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.4 75.6  
61 49.2 39.9 59.9

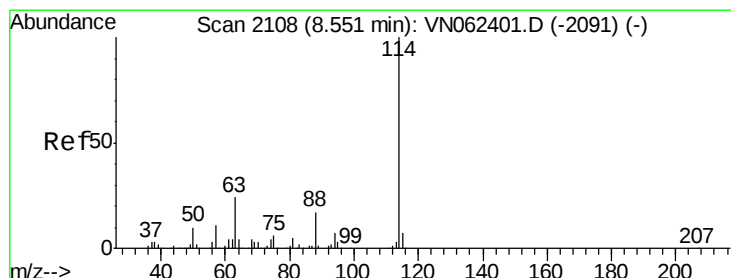
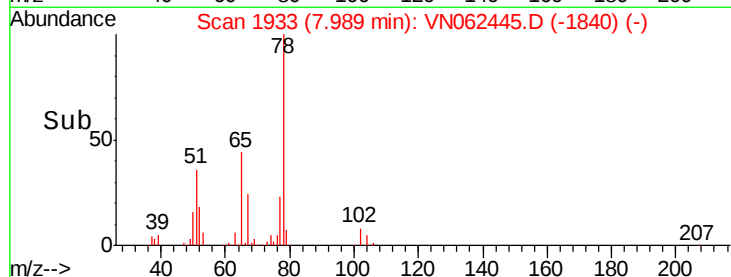
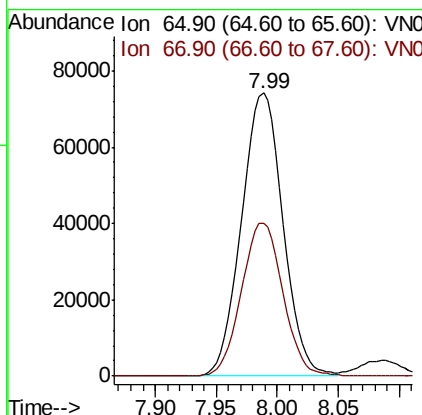
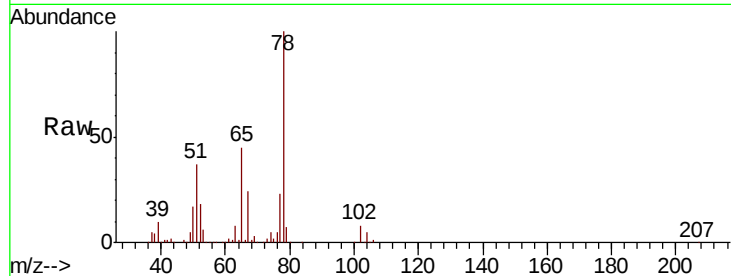




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.658 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

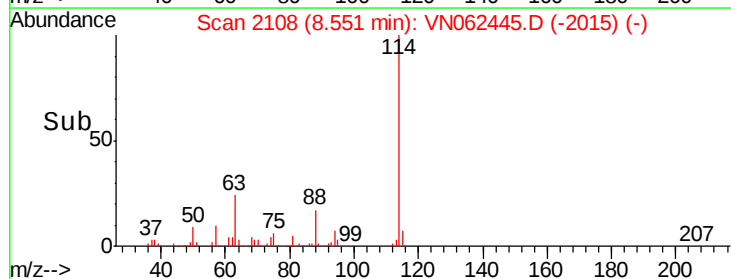
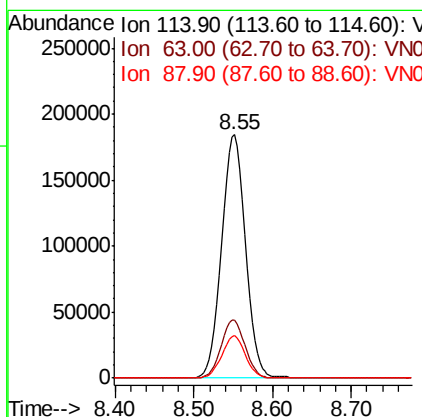
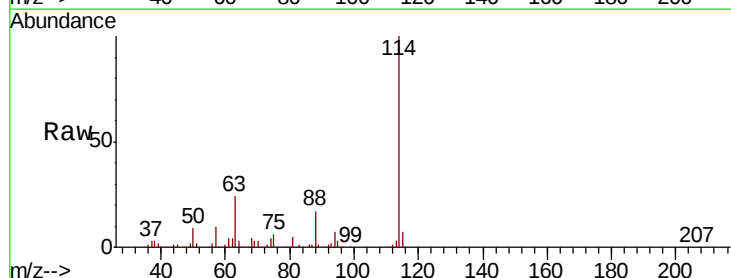
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

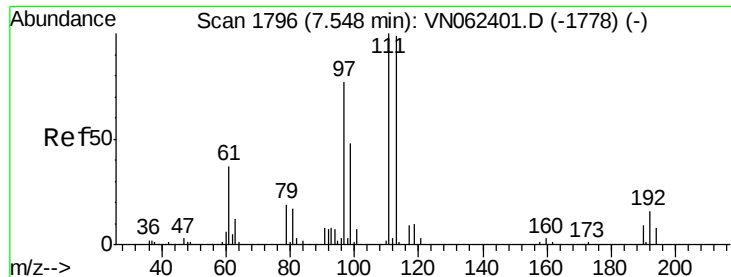
Tot Ion: 65 Resp: 174719  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 107.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Tgt Ion: 114 Resp: 385659  
 Ion Ratio Lower Upper  
 114 100  
 63 23.6 0.0 48.4  
 88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.917 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

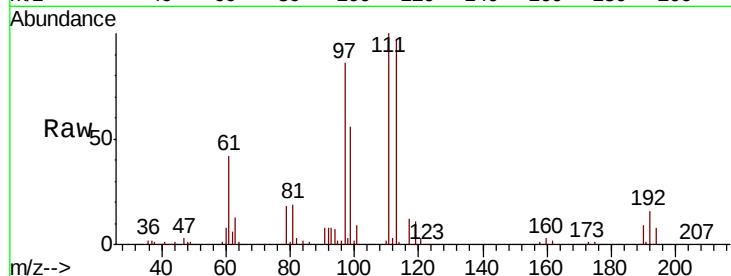
Tot Ion:113 Resp: 123764

Ion Ratio Lower Upper

113 100

111 103.2 83.1 124.7

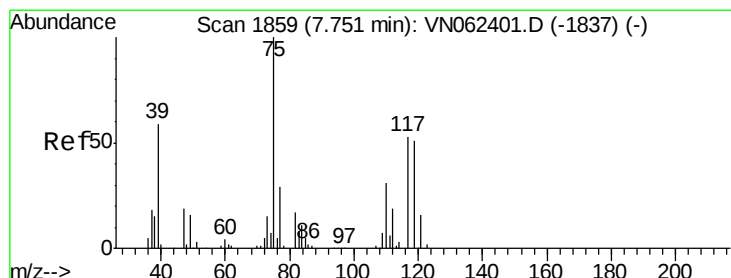
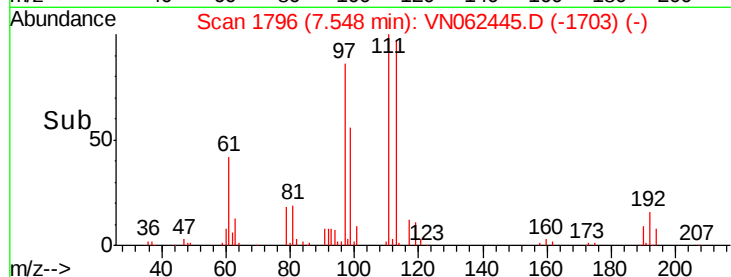
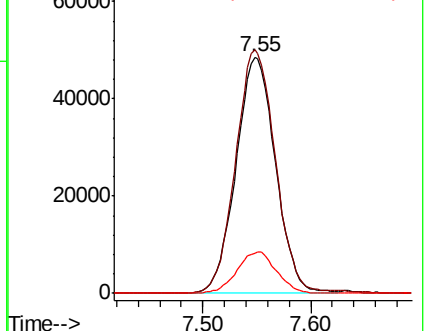
192 17.6 14.1 21.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.974 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

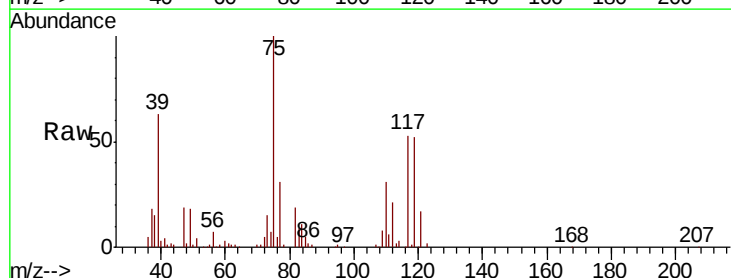
Tgt Ion: 75 Resp: 194171

Ion Ratio Lower Upper

75 100

110 31.4 15.4 46.2

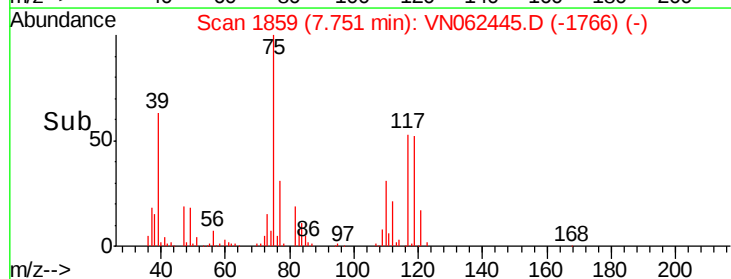
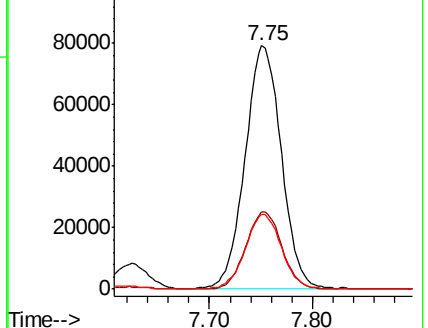
77 30.7 24.1 36.1

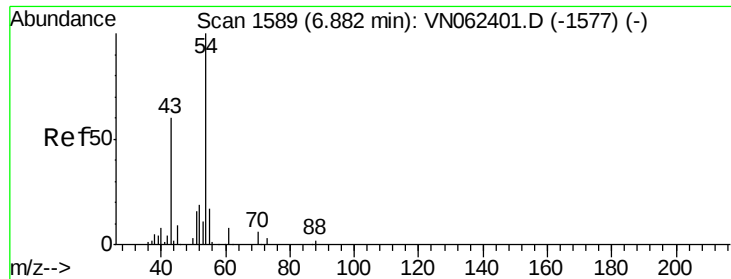


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

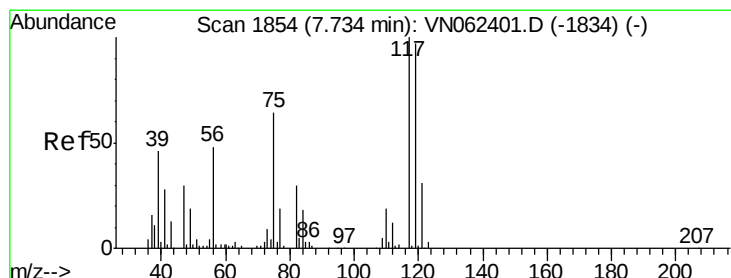
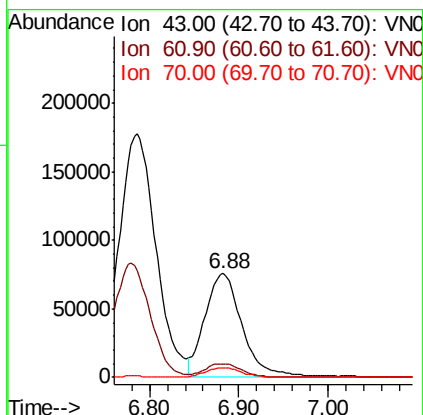
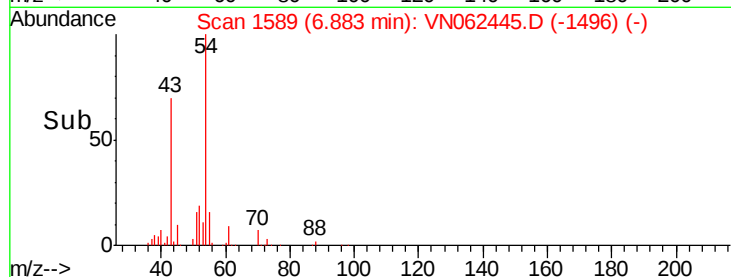
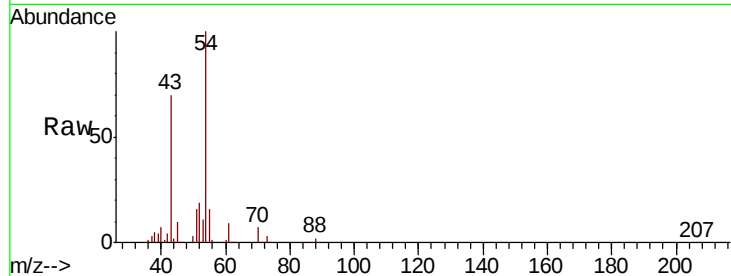




#37  
Ethyl Acetate  
Concen: 47.459 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

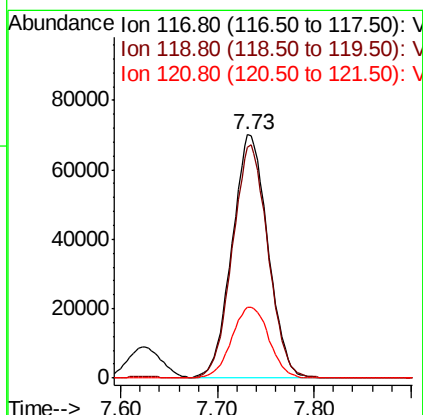
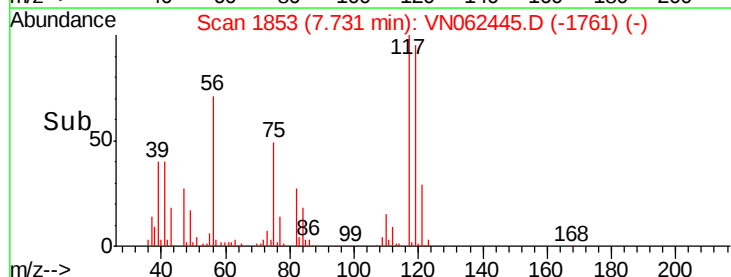
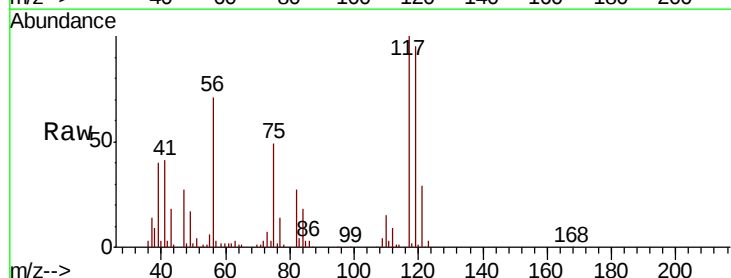
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

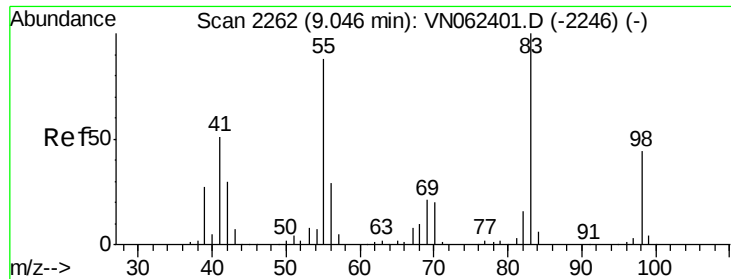
Tot Ion: 43 Resp: 215623  
Ion Ratio Lower Upper  
43 100  
61 13.0 10.7 16.1  
70 9.3 7.2 10.8



#38  
Carbon Tetrachloride  
Concen: 51.334 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. -0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion: 117 Resp: 179320  
Ion Ratio Lower Upper  
117 100  
119 95.0 77.2 115.8  
121 29.0 24.8 37.2

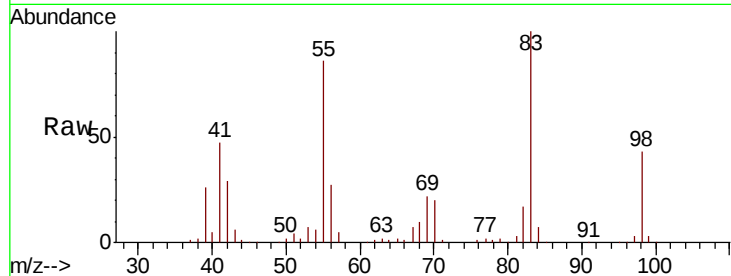




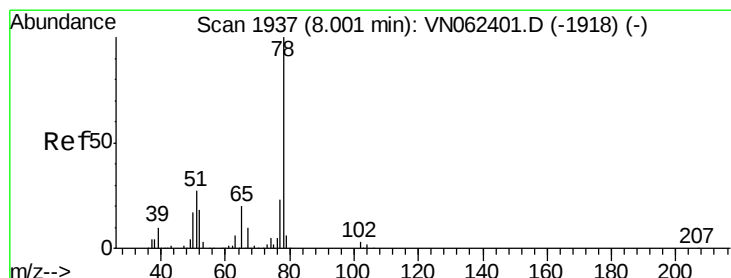
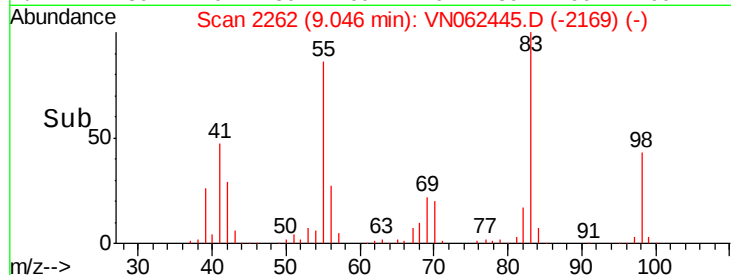
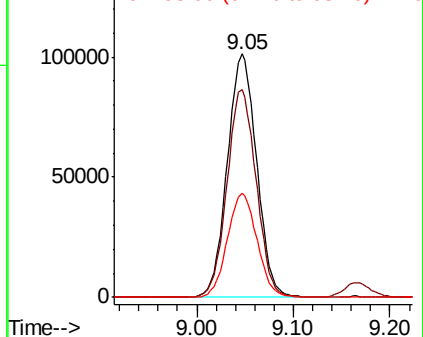
#39  
Methvlcvclohexane  
Concen: 51.383 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 83 Resp: 213143  
Ion Ratio Lower Upper  
83 100  
55 85.6 70.5 105.7  
98 42.5 35.5 53.3

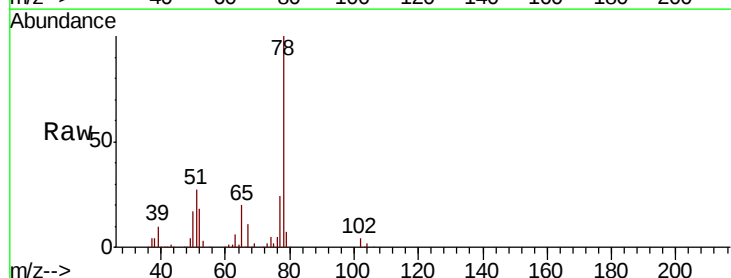


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

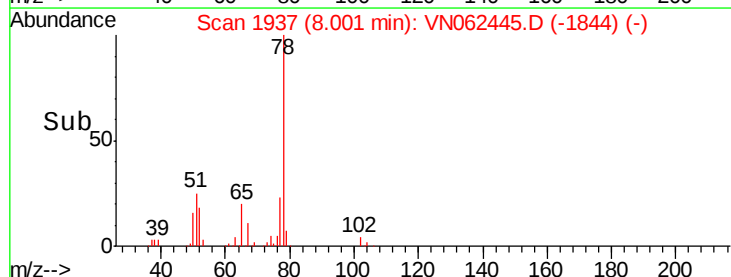
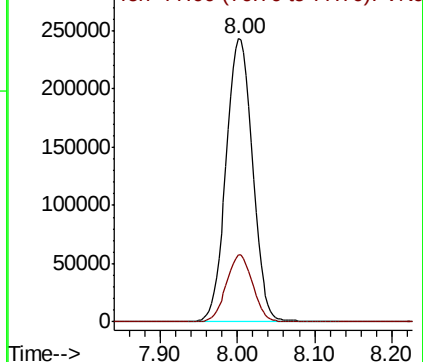


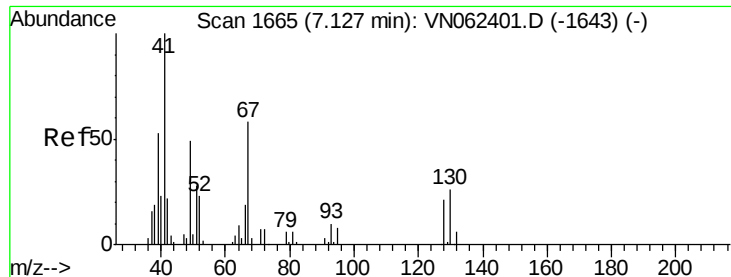
#40  
Benzene  
Concen: 50.495 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion: 78 Resp: 578241  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0

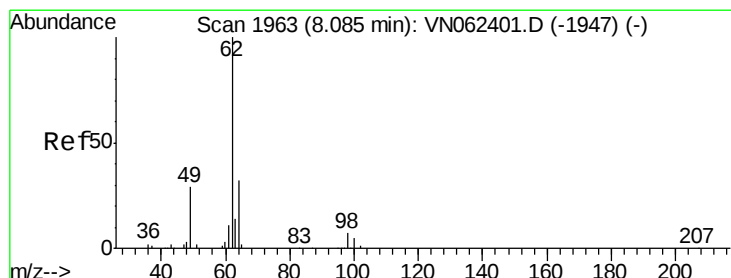
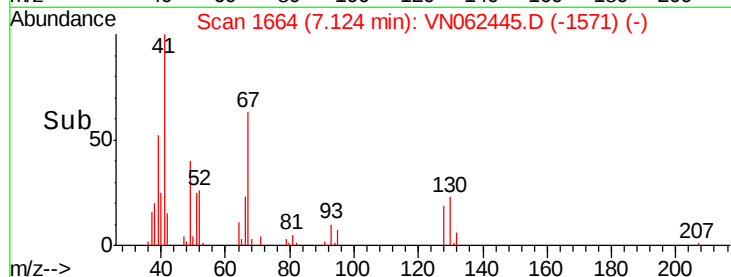
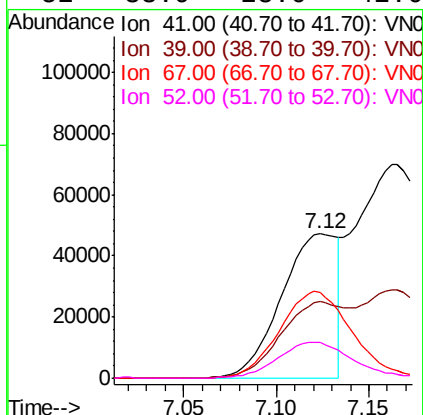
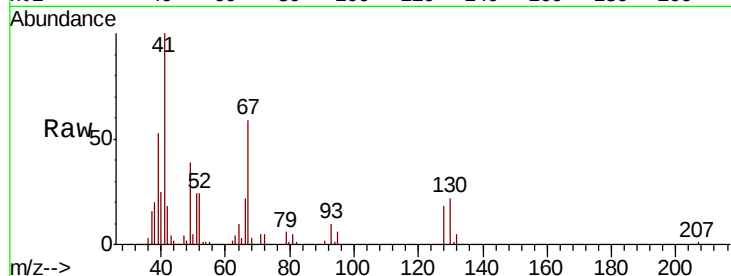




#41  
Methacrylonitrile  
Concen: 52.437 ug/l  
RT: 7.12 min Scan# 1664  
Delta R.T. -0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

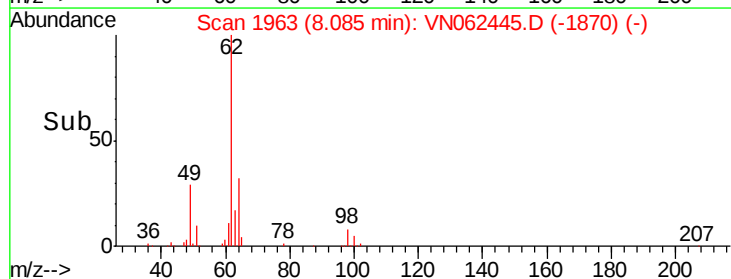
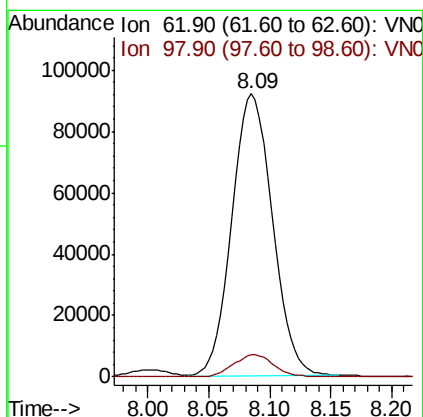
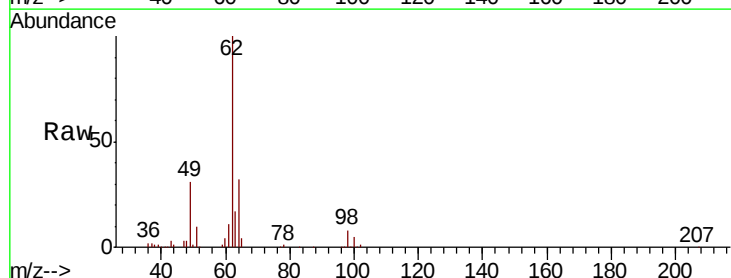
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

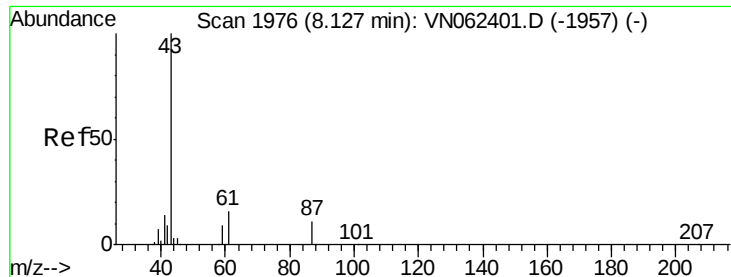
Tot Ion: 41 Resp: 99538  
Ion Ratio Lower Upper  
41 100  
39 61.9 50.2 75.2  
67 78.5 64.2 96.2  
52 33.9 28.0 42.0



#42  
1,2-Dichloroethane  
Concen: 50.664 ug/l  
RT: 8.09 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion: 62 Resp: 212437  
Ion Ratio Lower Upper  
62 100  
98 7.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 50.496 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

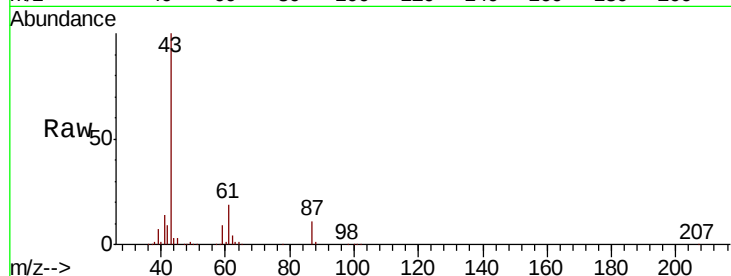
Tot Ion: 43 Resp: 362416

Ion Ratio Lower Upper

43 100

61 25.3 19.3 28.9

87 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)

8.12

150000

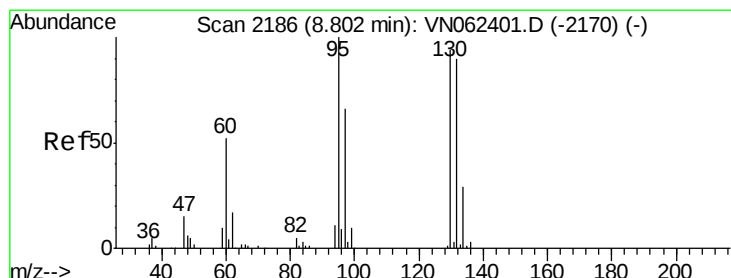
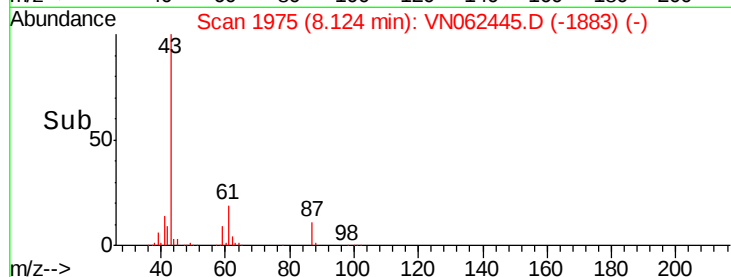
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 52.479 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062445.D

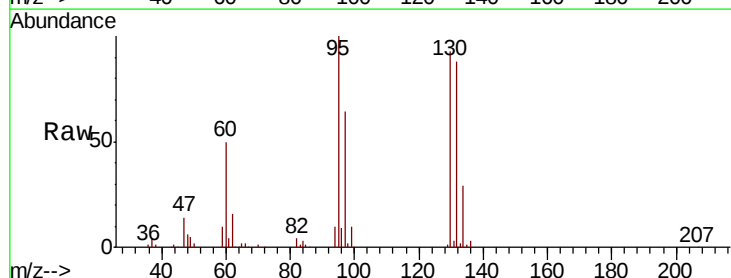
Acq: 9 Jul 2020 7:35

Tgt Ion:130 Resp: 133335

Ion Ratio Lower Upper

130 100

95 107.2 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)

8.80

80000

60000

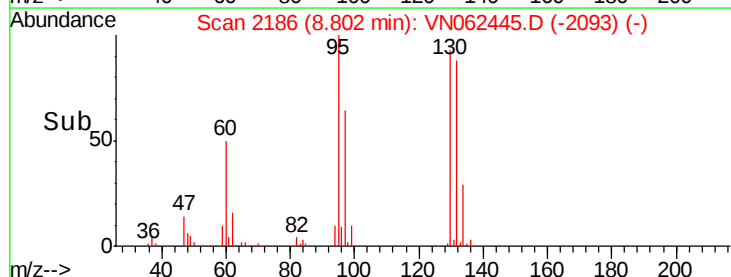
40000

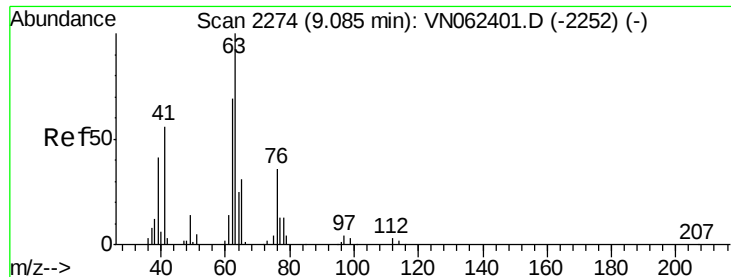
20000

0

8.70 8.80 8.90

Time-->





#45

1,2-Dichloropropane

Concen: 50.267 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

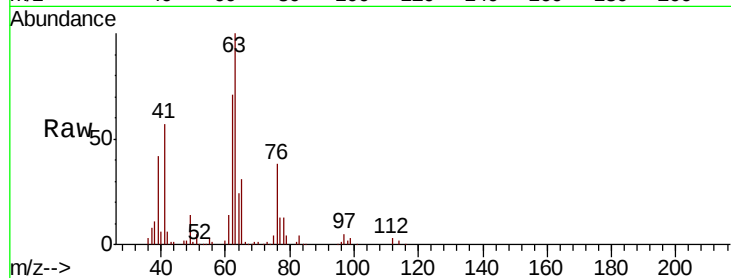
VSTDCCC050EC

Tot Ion: 63 Resp: 167101

Ion Ratio Lower Upper

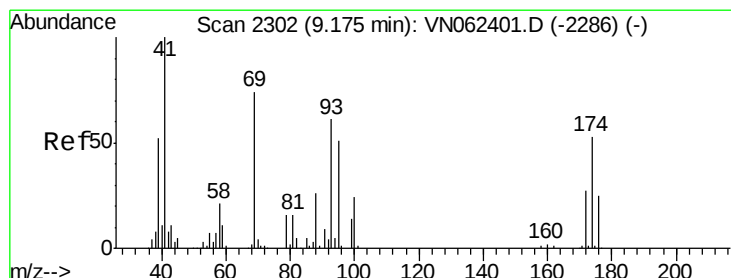
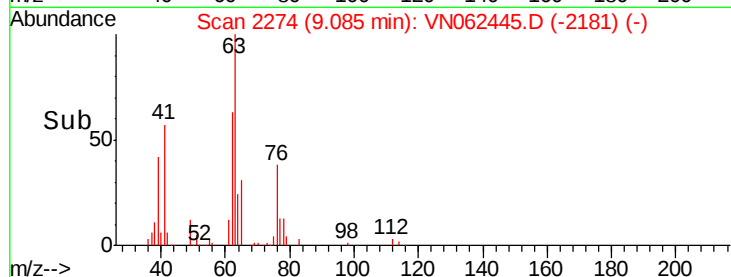
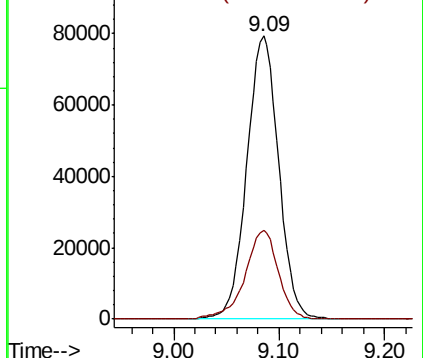
63 100

65 31.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.387 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

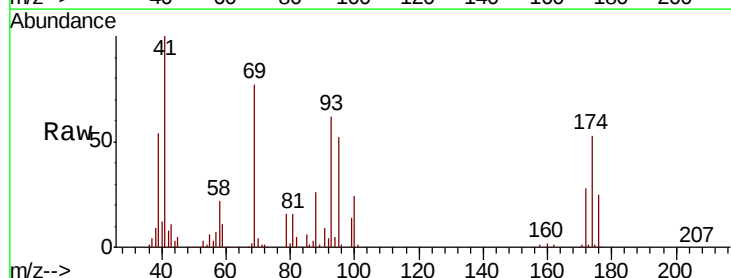
Tgt Ion: 93 Resp: 96401

Ion Ratio Lower Upper

93 100

95 82.9 67.1 100.7

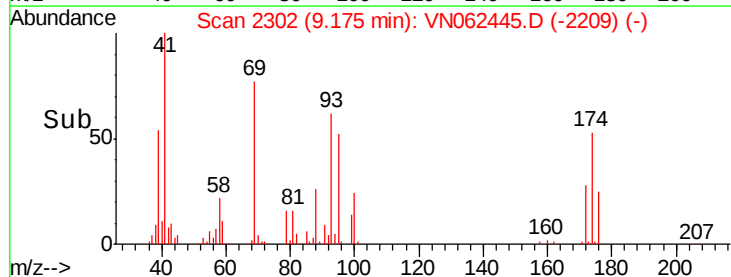
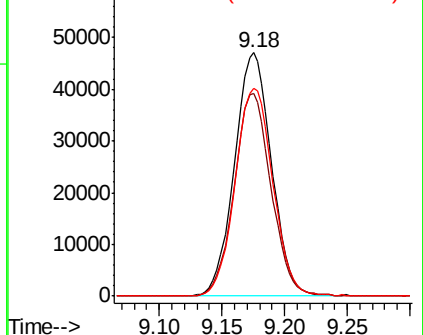
174 87.3 70.4 105.6

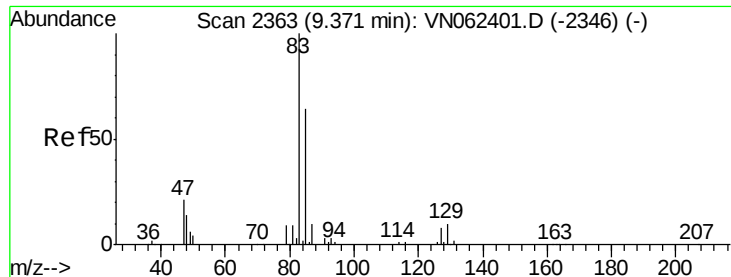


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

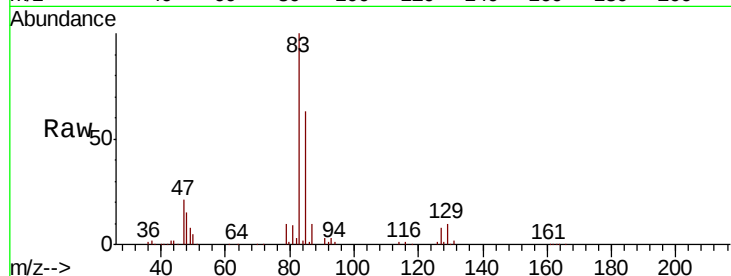




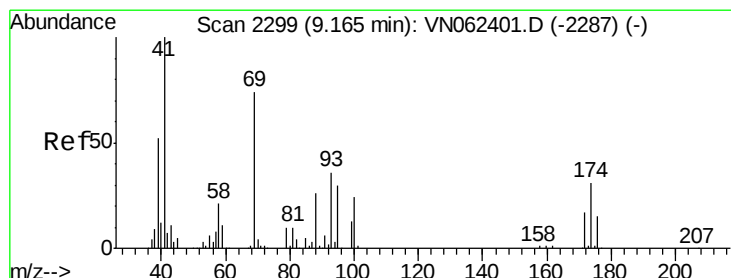
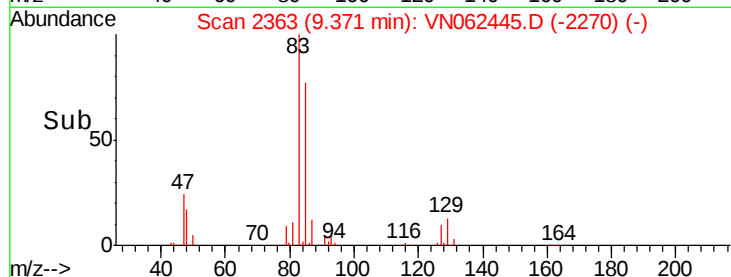
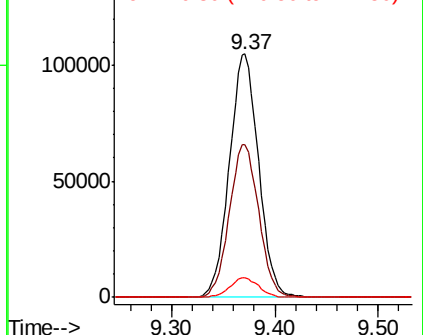
#47  
Bromodichloromethane  
Concen: 51.642 ug/l  
RT: 9.37 min Scan# 2363  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 83 Resp: 207122  
Ion Ratio Lower Upper  
83 100  
85 63.0 51.2 76.8  
127 7.8 6.2 9.2

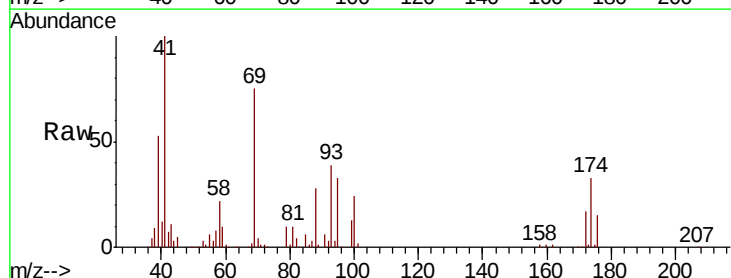


Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): VN0

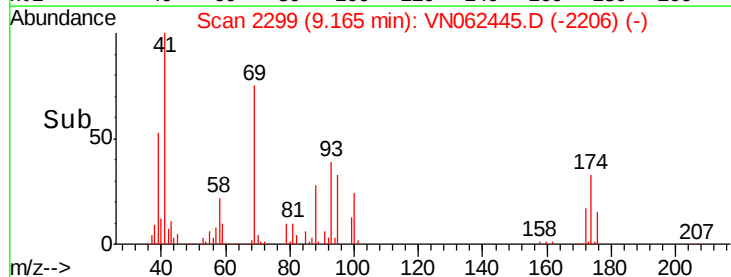
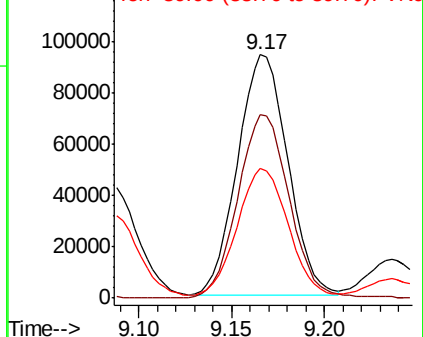


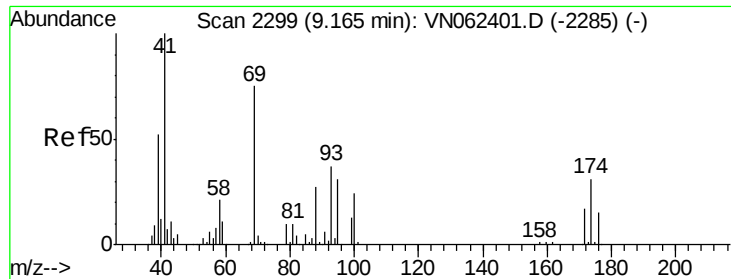
#48  
Methyl methacrylate  
Concen: 49.976 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion: 41 Resp: 175947  
Ion Ratio Lower Upper  
41 100  
69 78.3 60.8 91.2  
39 55.4 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

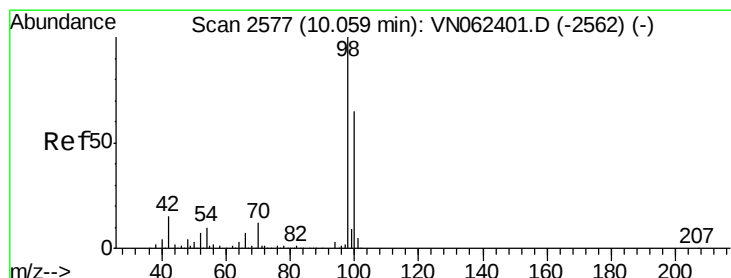
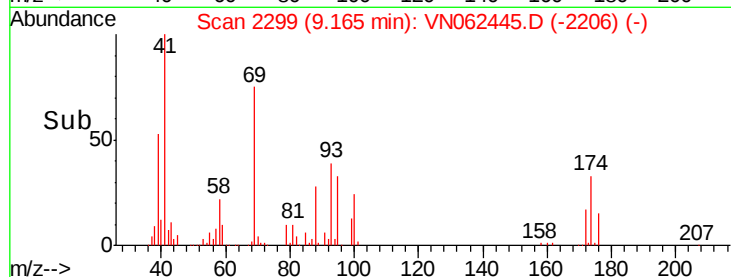
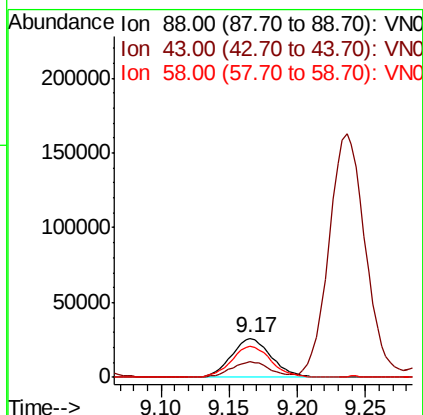
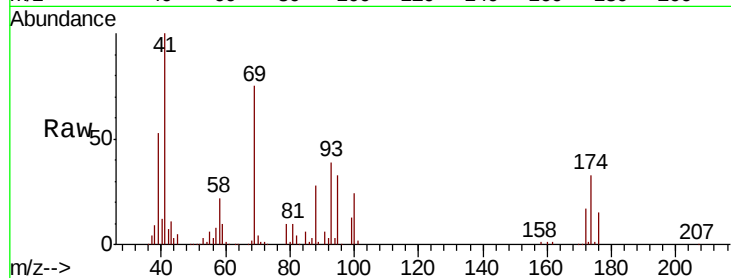




#49  
 1,4-Dioxane  
 Concen: 1033.599 ug/l  
 RT: 9.17 min Scan# 2299  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

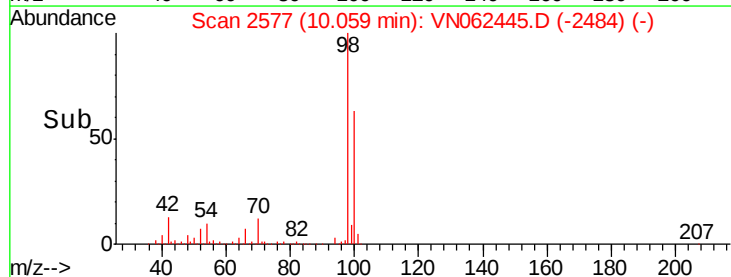
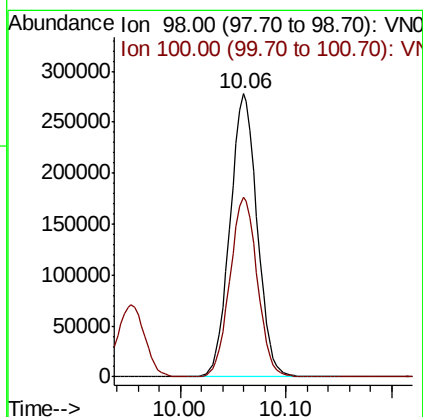
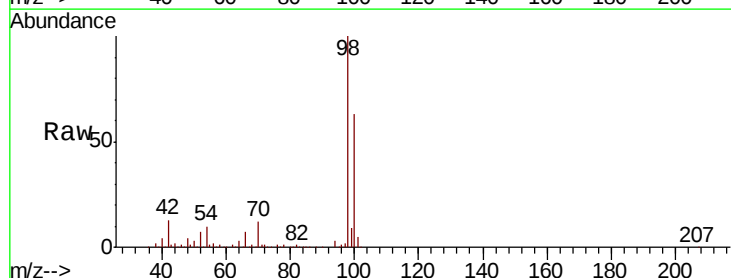
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 88 Resp: 52965  
 Ion Ratio Lower Upper  
 88 100  
 43 38.0 31.0 46.4  
 58 78.5 63.3 94.9



#50  
 Toluene-d8  
 Concen: 52.596 ug/l  
 RT: 10.06 min Scan# 2577  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Tgt Ion: 98 Resp: 494980  
 Ion Ratio Lower Upper  
 98 100  
 100 64.3 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 250.384 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

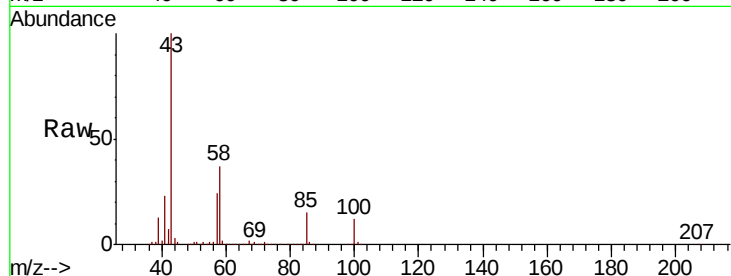
VSTDCCC050EC

Tot Ion: 43 Resp: 1073343

Ion Ratio Lower Upper

43 100

58 37.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-2527) (-)

9.95

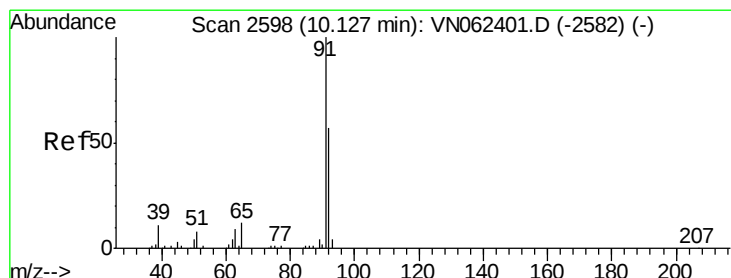
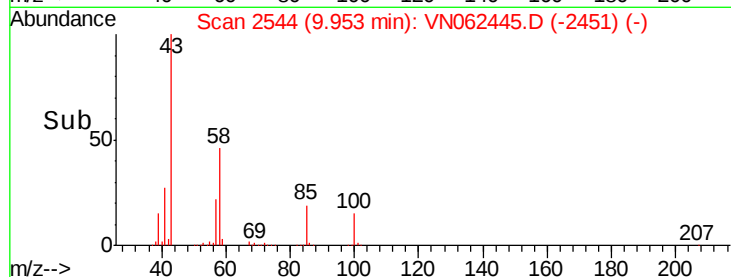
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.696 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062445.D

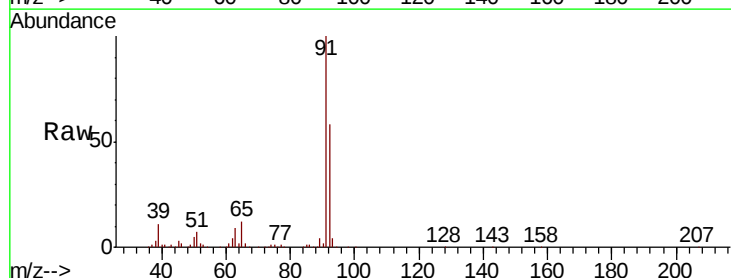
Acq: 9 Jul 2020 7:35

Tgt Ion: 92 Resp: 341942

Ion Ratio Lower Upper

92 100

91 174.5 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062401.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062401.D (-2582) (-)

10.12

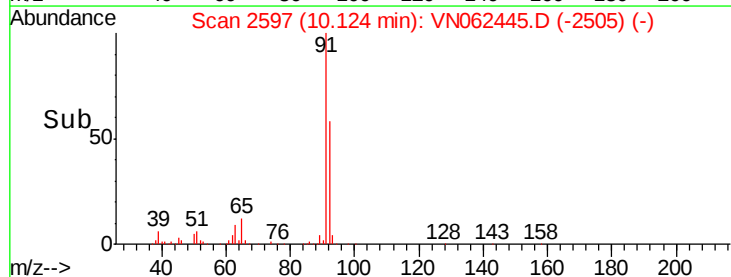
300000

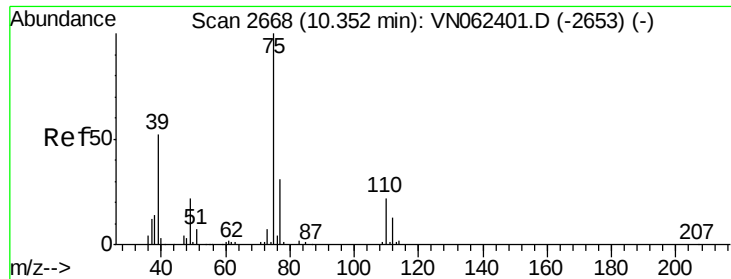
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.023 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

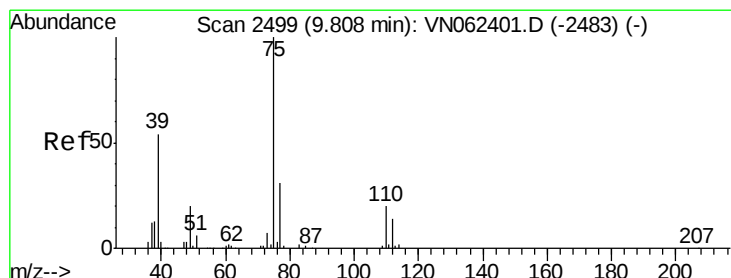
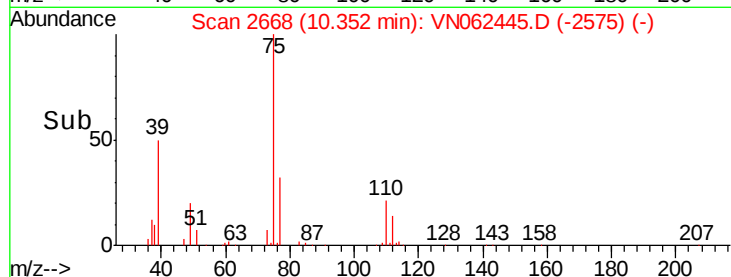
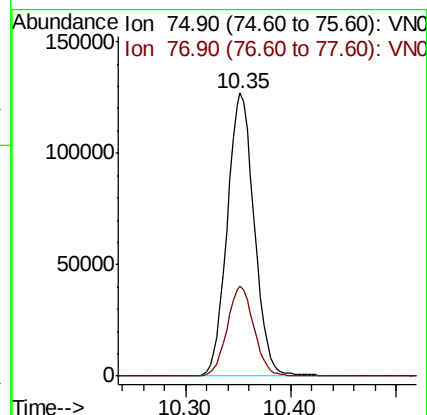
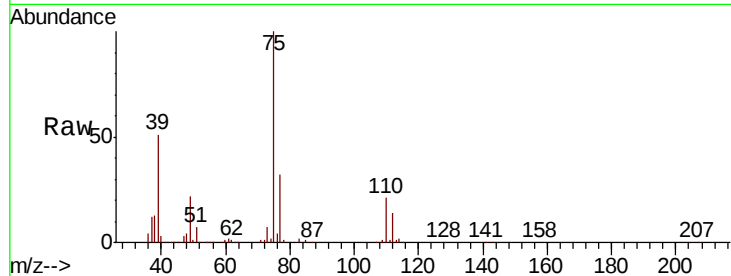
VSTDCCC050EC

Tot Ion: 75 Resp: 224773

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.489 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

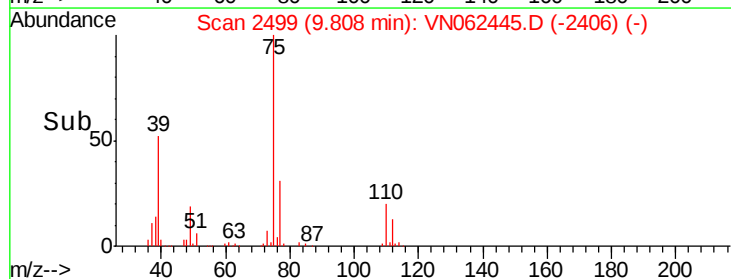
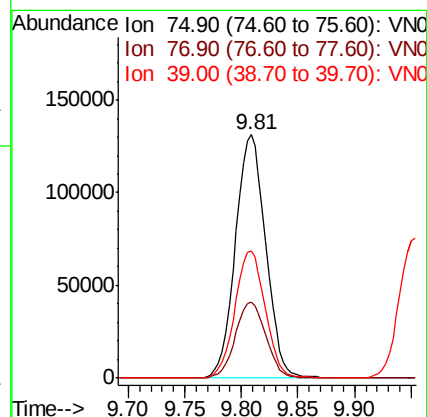
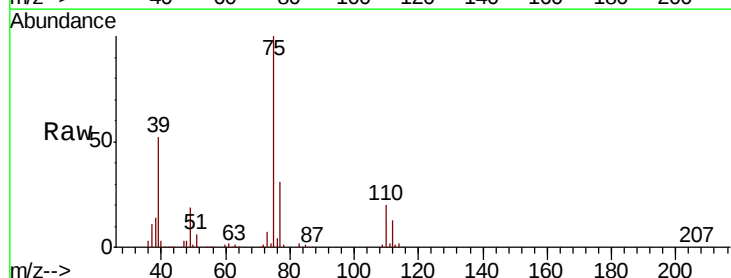
Tgt Ion: 75 Resp: 245358

Ion Ratio Lower Upper

75 100

77 31.1 24.5 36.7

39 52.4 43.4 65.0

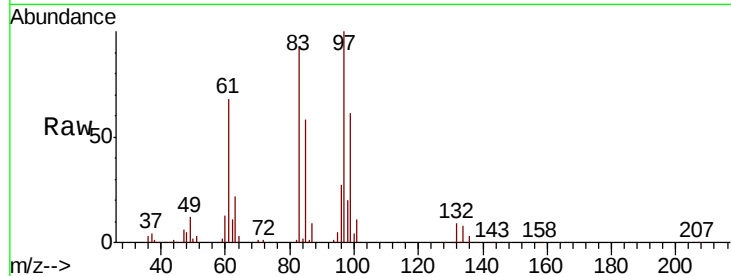




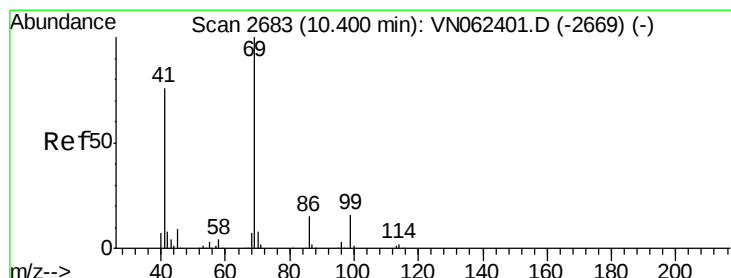
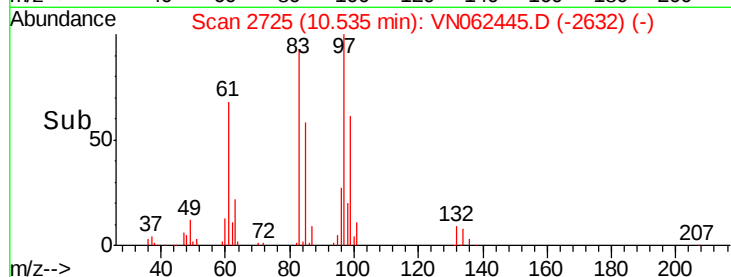
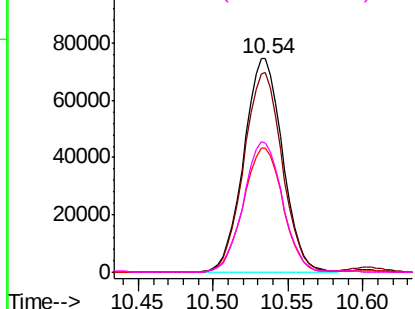
#55  
 1,1,2-Trichloroethane  
 Concen: 51.890 ug/l  
 RT: 10.54 min Scan# 2725  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 97 Resp: 134991  
 Ion Ratio Lower Upper  
 97 100  
 83 93.5 71.0 106.4  
 85 58.4 46.2 69.4  
 99 60.8 49.7 74.5

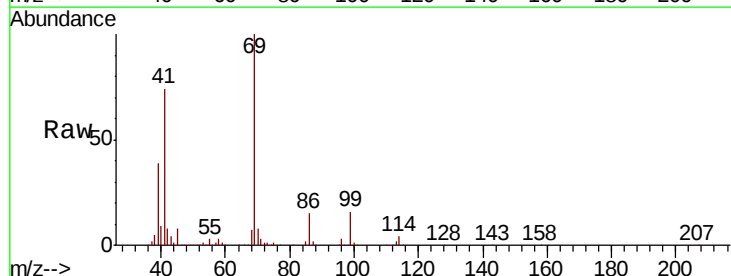


Abundance Ion 96.90 (96.60 to 97.60): VNO  
 Ion 82.90 (82.60 to 83.60): VNO  
 Ion 84.90 (84.60 to 85.60): VNO  
 Ion 98.90 (98.60 to 99.60): VNO

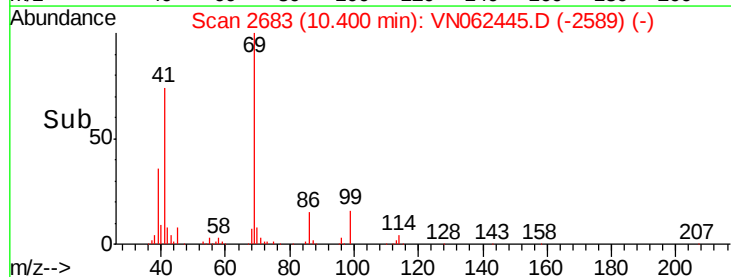
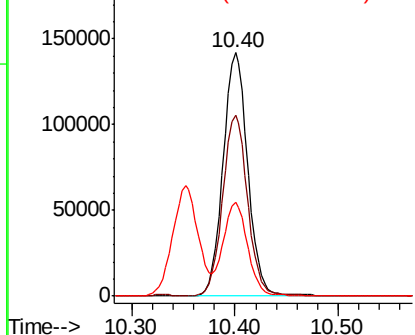


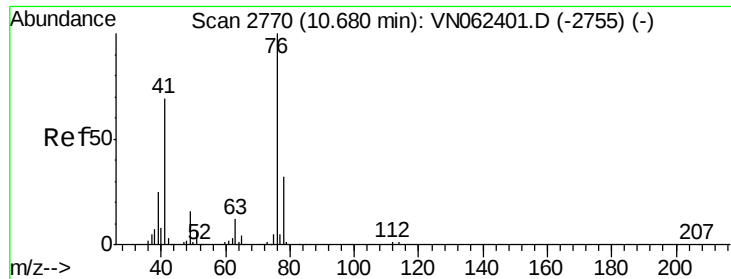
#56  
 Ethyl methacrylate  
 Concen: 49.522 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Tgt Ion: 69 Resp: 237011  
 Ion Ratio Lower Upper  
 69 100  
 41 74.5 59.7 89.5  
 39 38.3 30.6 45.8



Abundance Ion 69.00 (68.70 to 69.70): VNO  
 Ion 41.00 (40.70 to 41.70): VNO  
 Ion 39.00 (38.70 to 39.70): VNO

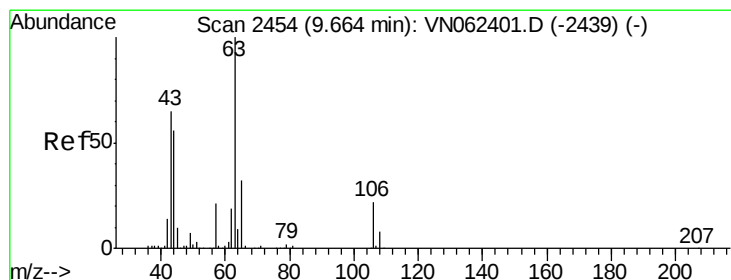
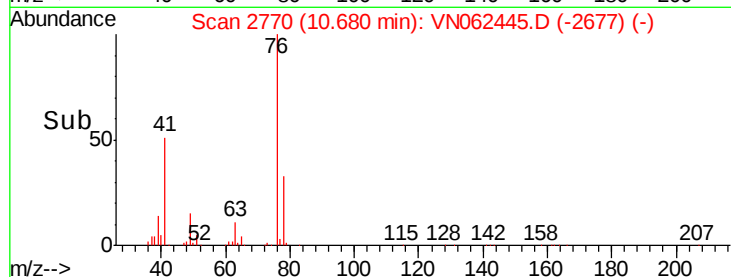
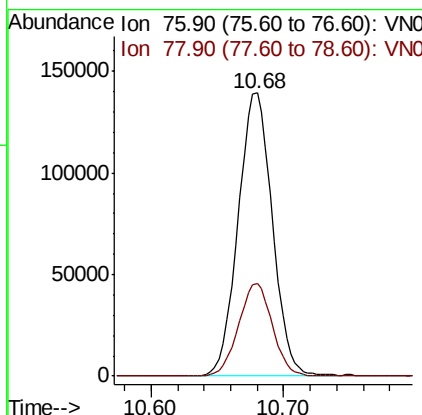
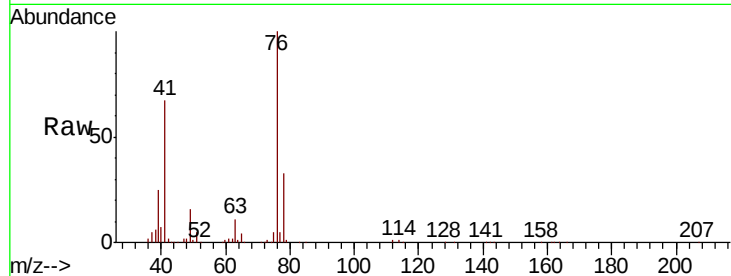




#57  
 1,3-Dichloropropane  
 Concen: 52.076 ug/l  
 RT: 10.68 min Scan# 2770  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

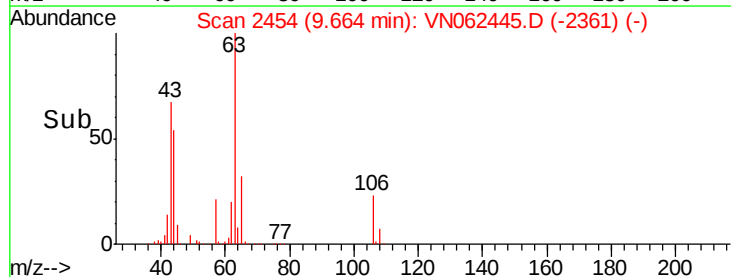
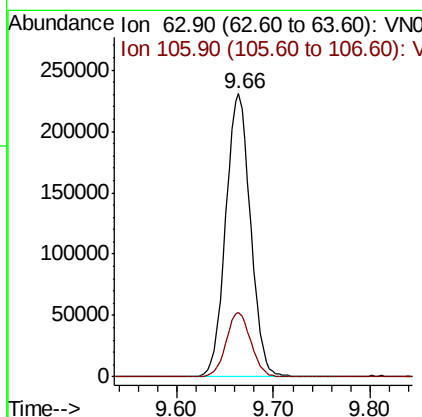
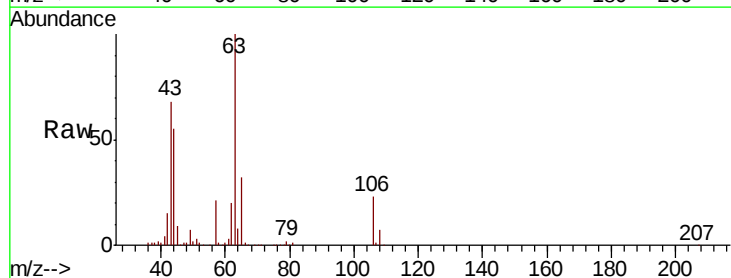
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

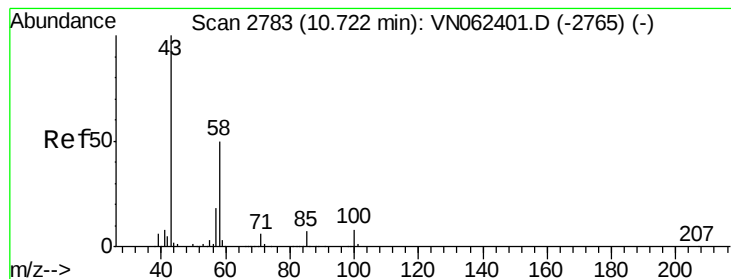
Tot Ion: 76 Resp: 250289  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 25.6 38.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 265.980 ug/l  
 RT: 9.66 min Scan# 2454  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Tgt Ion: 63 Resp: 410504  
 Ion Ratio Lower Upper  
 63 100  
 106 22.7 17.6 26.4





#59

2-Hexanone

Concen: 252.059 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

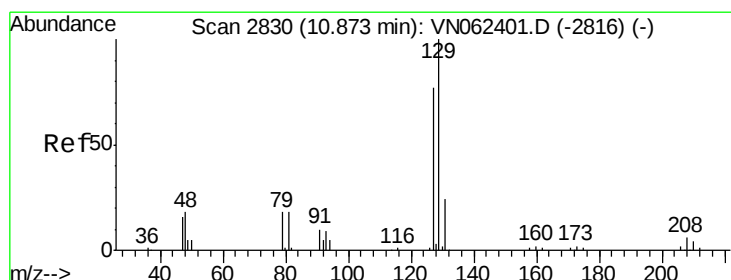
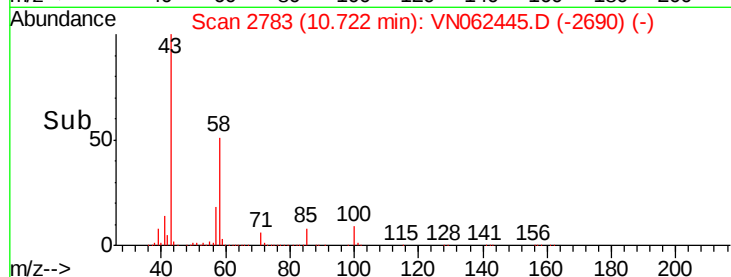
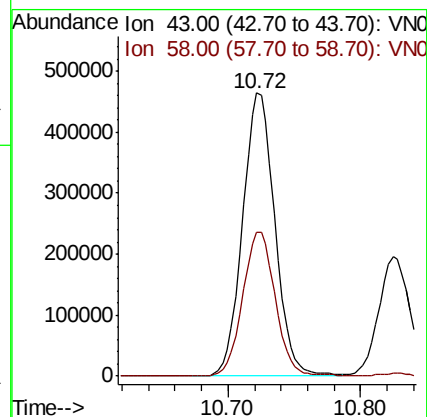
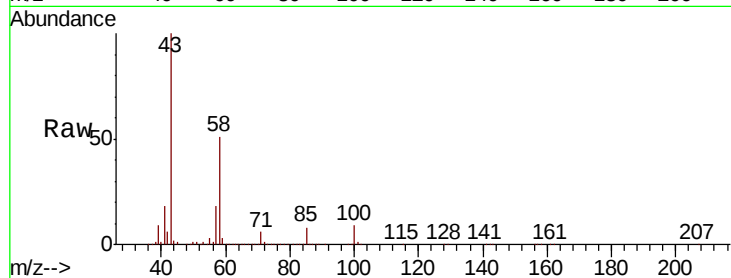
VSTDCCC050EC

Tot Ion: 43 Resp: 784428

Ion Ratio Lower Upper

43 100

58 51.6 25.1 75.2



#60

Dibromochloromethane

Concen: 52.341 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. 0.00 min

Lab File: VN062445.D

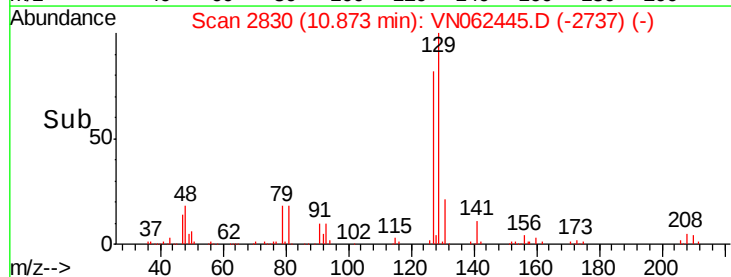
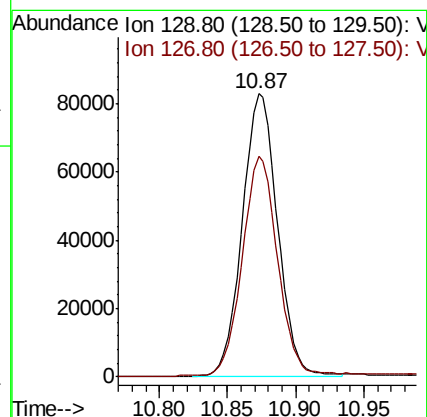
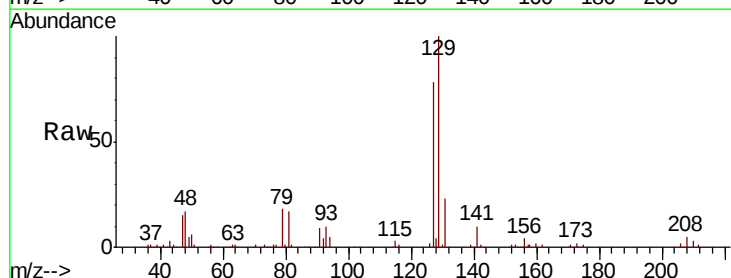
Acq: 9 Jul 2020 7:35

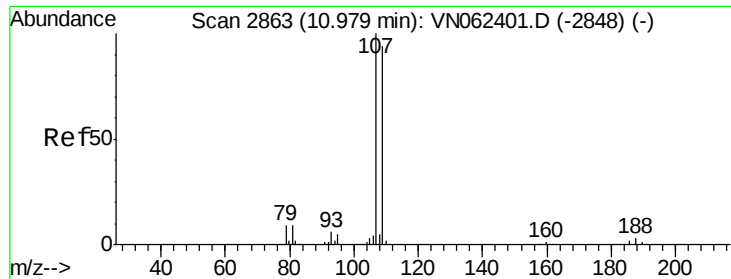
Tgt Ion: 129 Resp: 147640

Ion Ratio Lower Upper

129 100

127 78.9 38.6 115.8

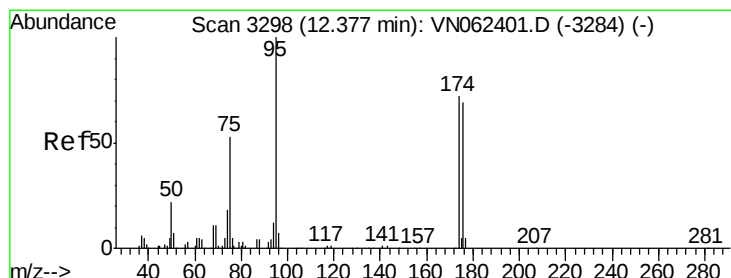
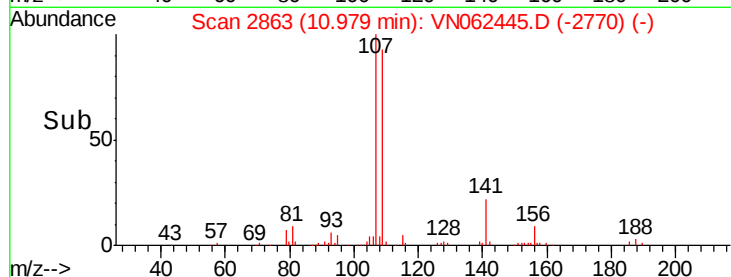
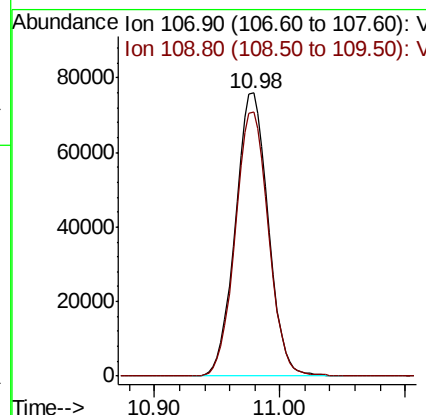
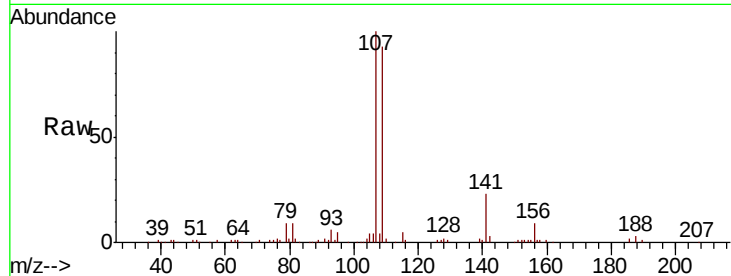




#61  
 1,2-Dibromoethane  
 Concen: 52.533 ug/l  
 RT: 10.98 min Scan# 2863  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

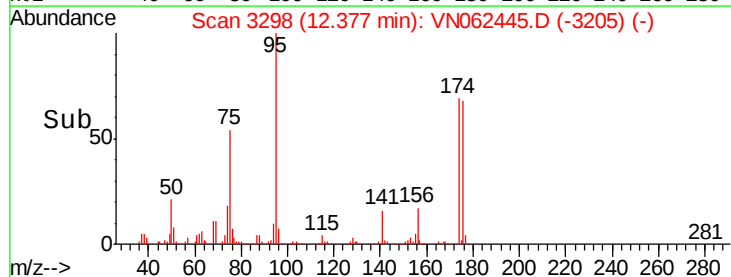
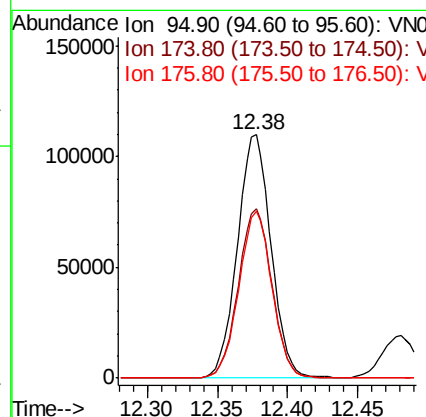
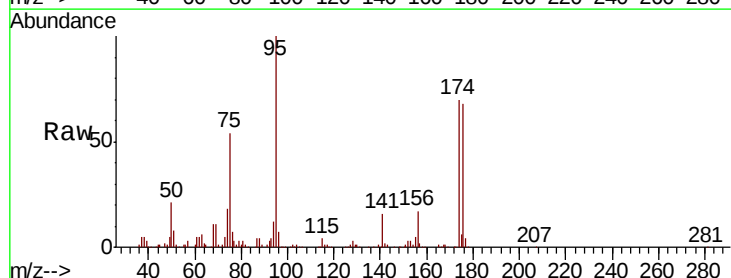
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

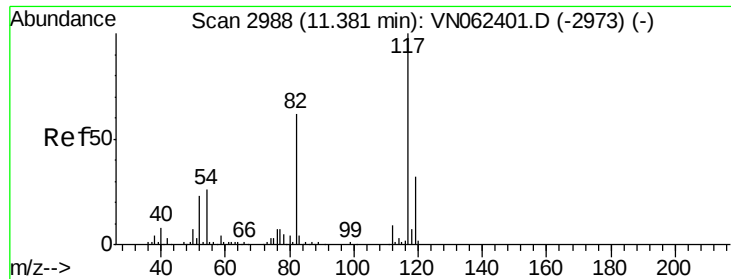
Tot Ion:107 Resp: 137958  
 Ion Ratio Lower Upper  
 107 100  
 109 94.5 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 53.474 ug/l  
 RT: 12.38 min Scan# 3298  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Tgt Ion: 95 Resp: 183898  
 Ion Ratio Lower Upper  
 95 100  
 174 69.8 0.0 141.6  
 176 67.6 0.0 137.2

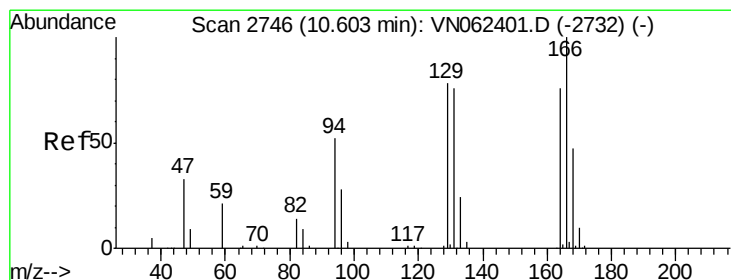
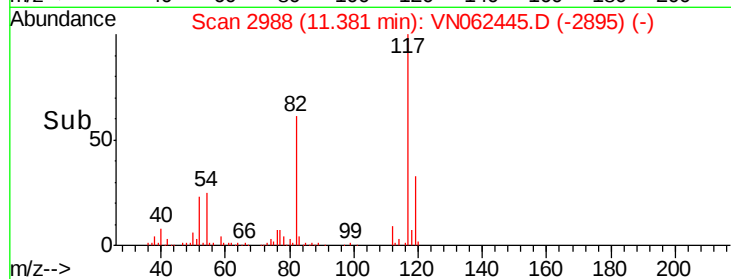
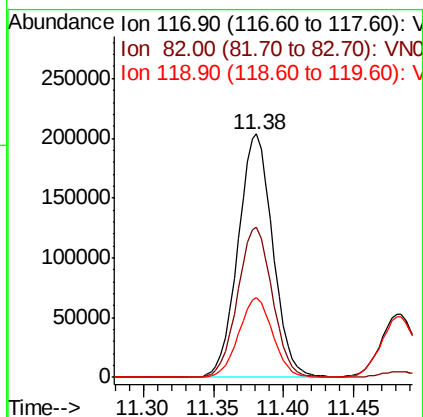
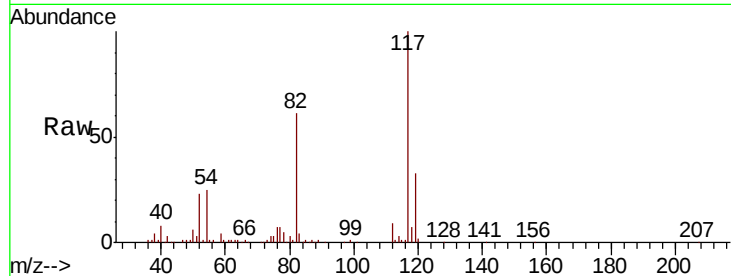




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

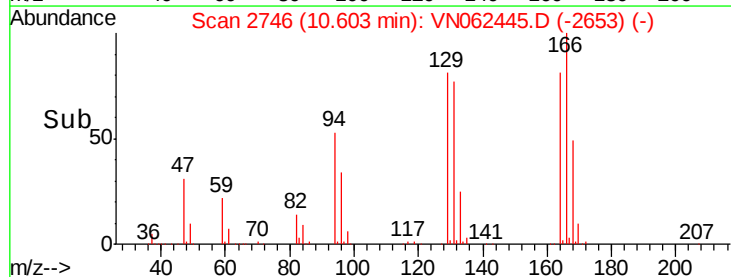
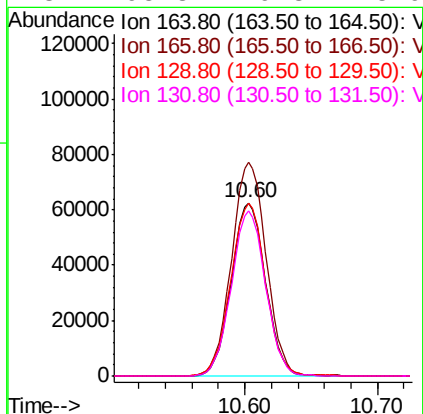
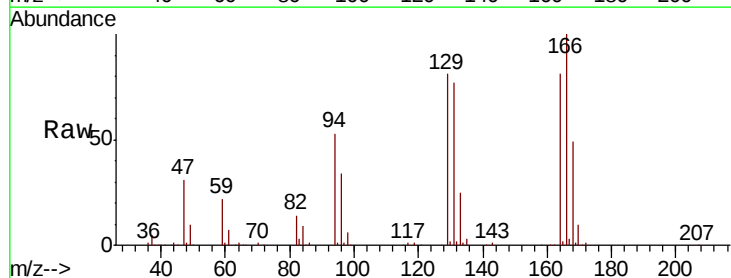
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

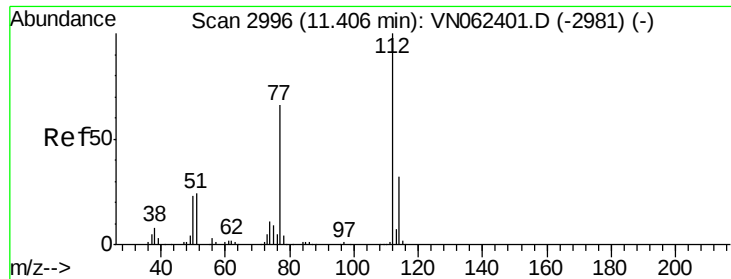
Tot Ion:117 Resp: 350849  
Ion Ratio Lower Upper  
117 100  
82 61.4 49.6 74.4  
119 32.5 25.4 38.0



#64  
Tetrachloroethene  
Concen: 53.759 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion:164 Resp: 111922  
Ion Ratio Lower Upper  
164 100  
166 123.3 104.9 157.3  
129 99.8 81.8 122.6  
131 95.3 79.3 118.9





#65

Chlorobenzene

Concen: 52.031 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

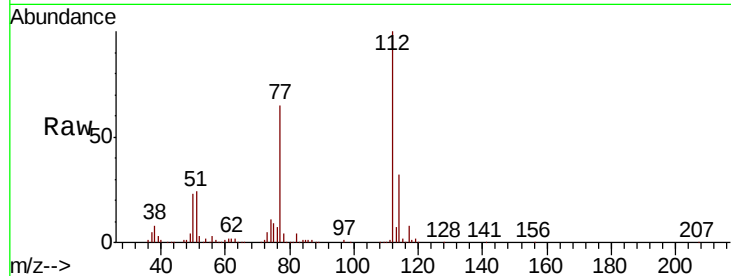
VSTDCCC050EC

Tot Ion:112 Resp: 354796

Ion Ratio Lower Upper

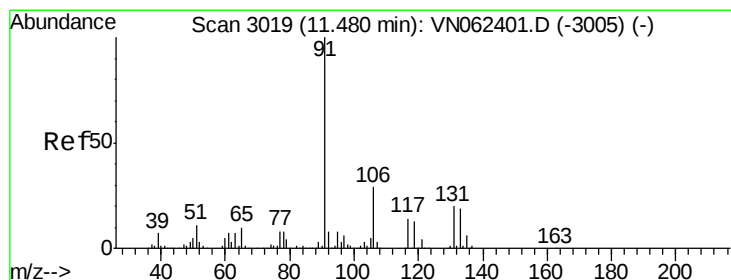
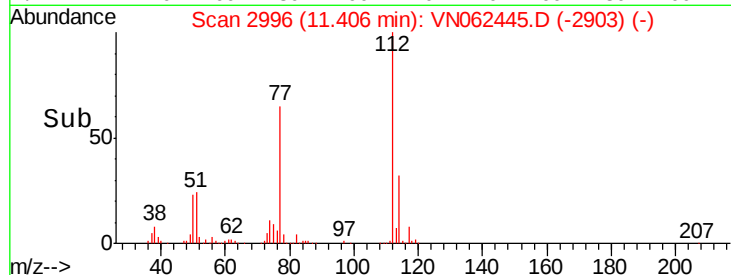
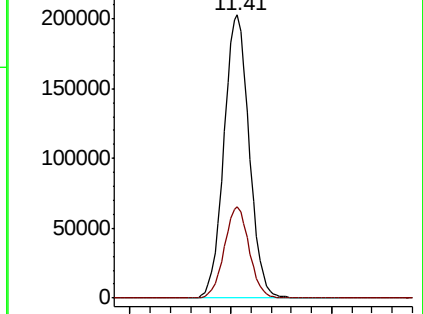
112 100

114 32.2 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.123 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

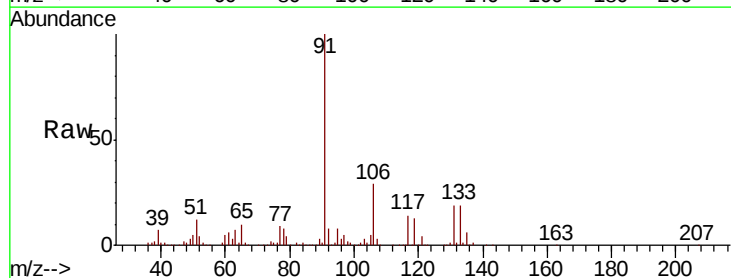
Tgt Ion:131 Resp: 131068

Ion Ratio Lower Upper

131 100

133 96.7 46.9 140.8

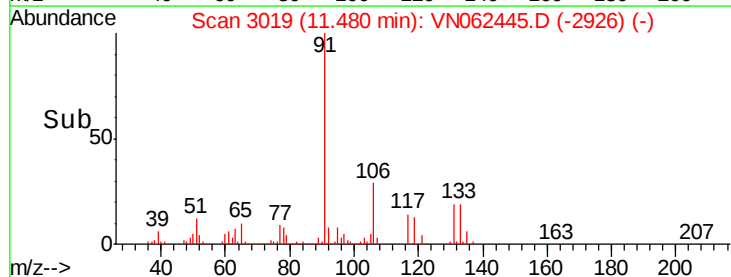
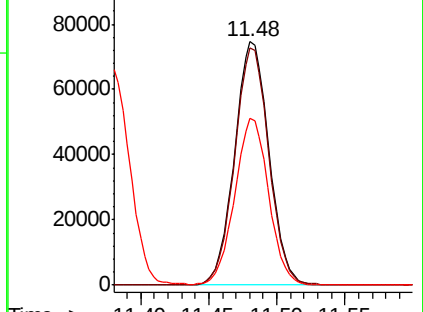
119 67.6 33.2 99.6

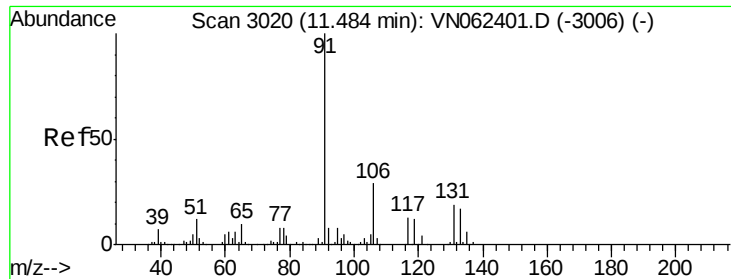


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.884 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

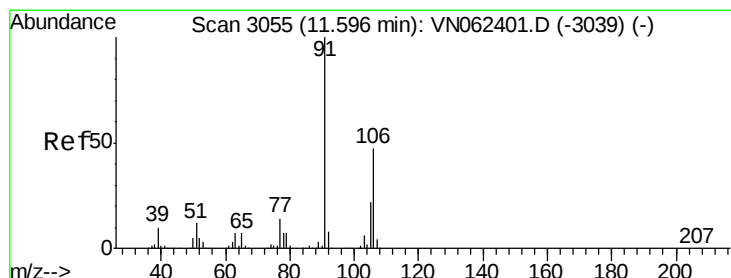
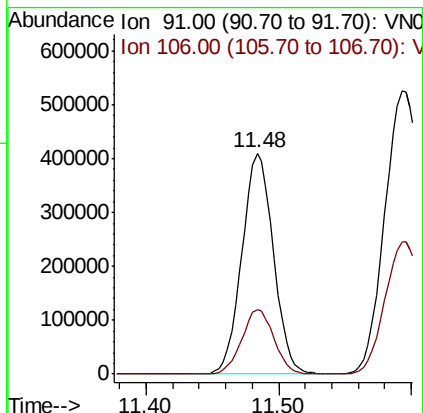
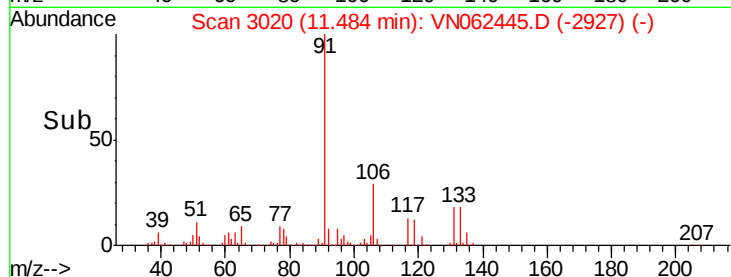
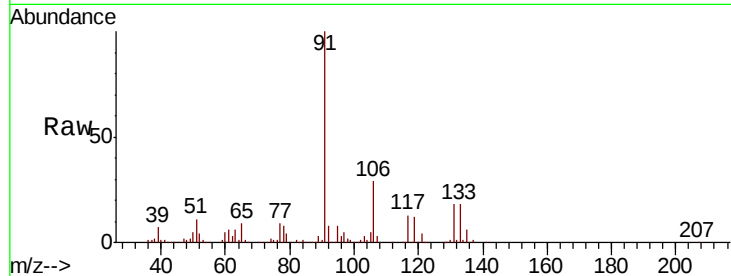
VSTDCCC050EC

Tot Ion: 91 Resp: 676886

Ion Ratio Lower Upper

91 100

106 29.3 23.4 35.2



#68

m/p-Xylenes

Concen: 106.836 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062445.D

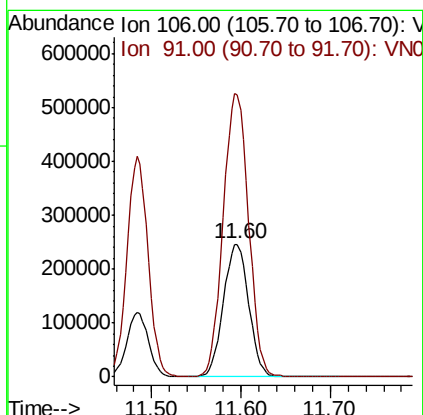
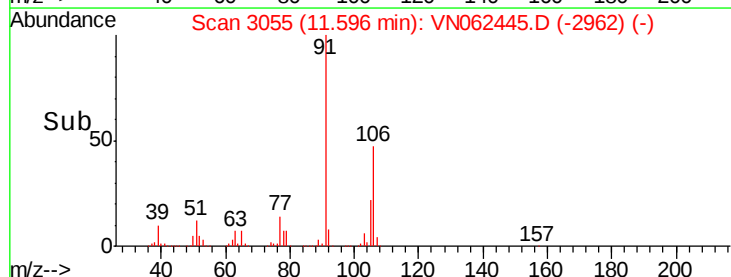
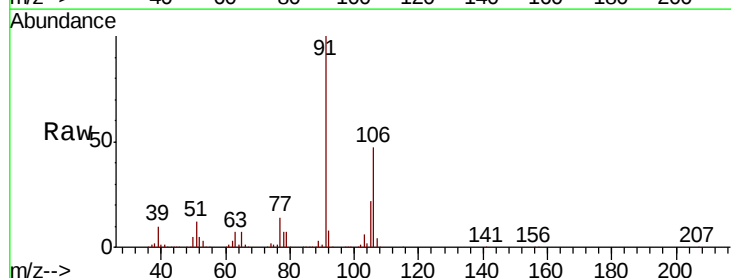
Acq: 9 Jul 2020 7:35

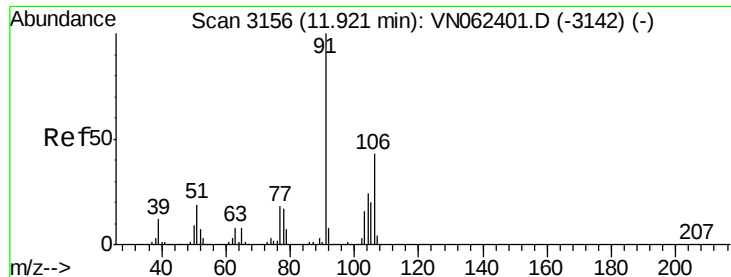
Tgt Ion: 106 Resp: 484090

Ion Ratio Lower Upper

106 100

91 213.9 172.4 258.6

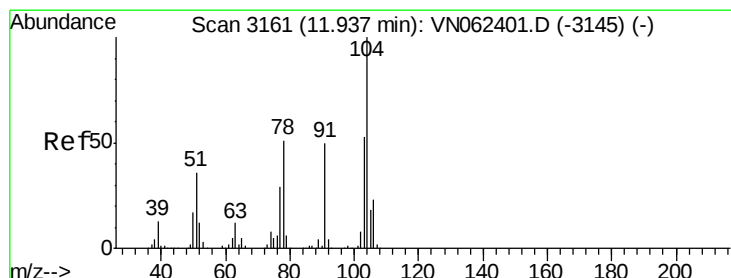
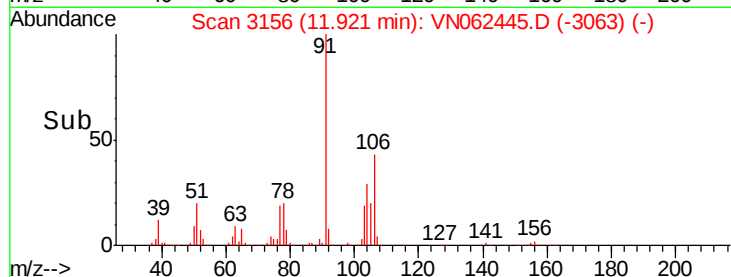
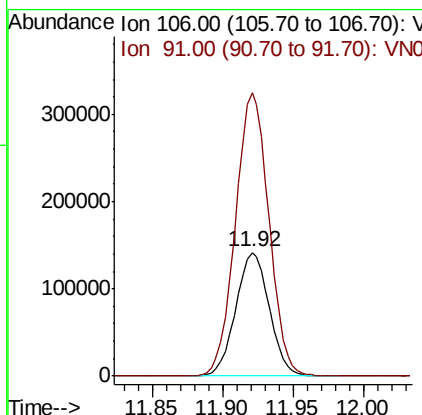
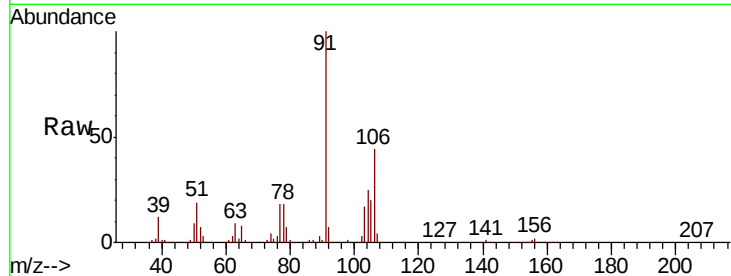




#69  
o-Xylene  
Concen: 53.664 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

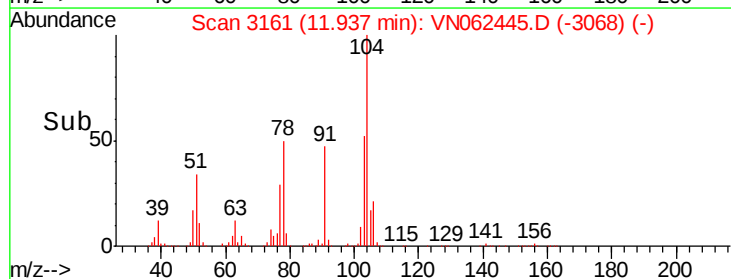
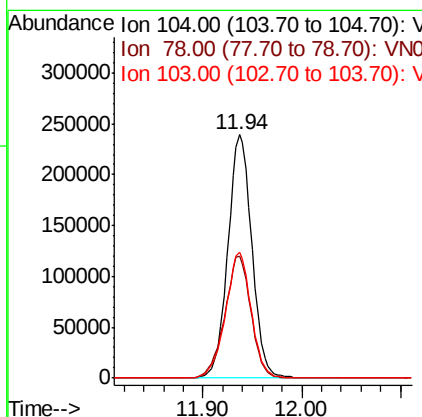
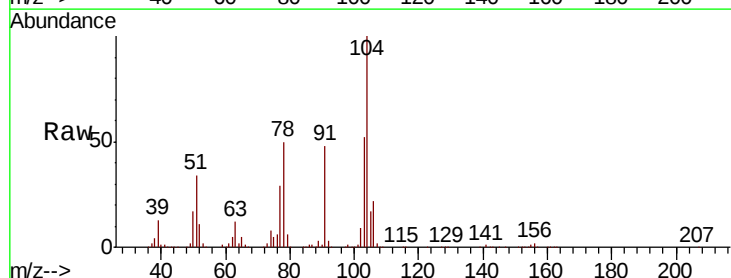
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

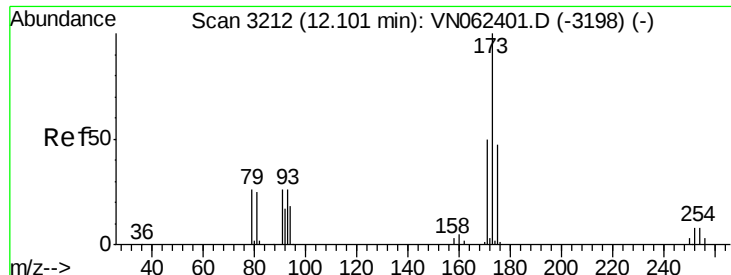
Tot Ion:106 Resp: 236749  
Ion Ratio Lower Upper  
106 100  
91 227.9 113.8 341.4



#70  
Styrene  
Concen: 55.924 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion:104 Resp: 407755  
Ion Ratio Lower Upper  
104 100  
78 54.1 44.2 66.4  
103 55.1 44.4 66.6





#71

Bromoform

Concen: 52.929 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

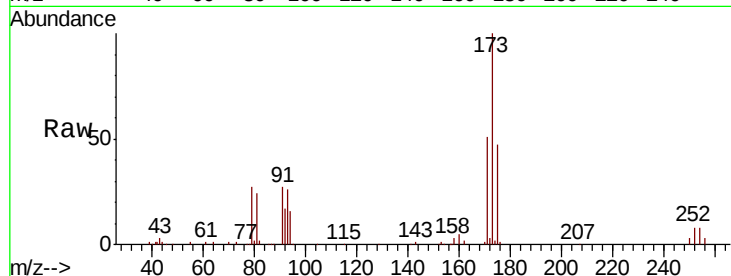
Tot Ion:173 Resp: 97567

Ion Ratio Lower Upper

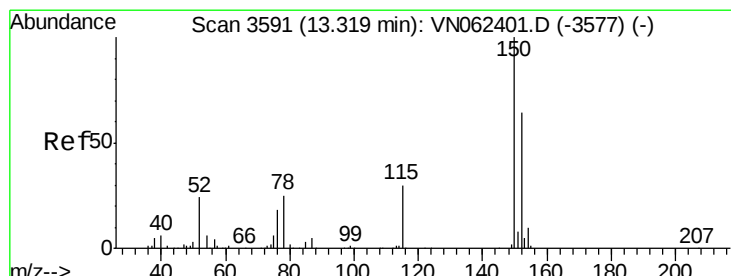
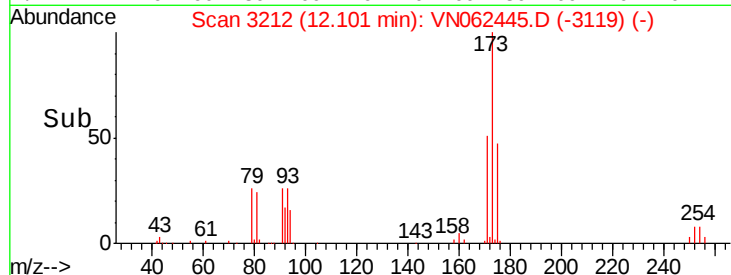
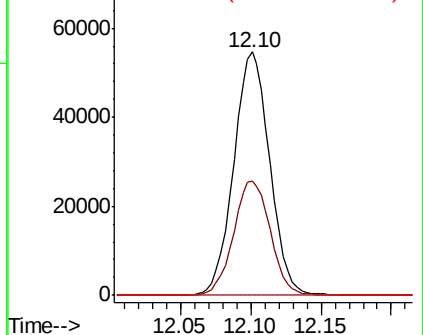
173 100

175 47.9 23.7 71.1

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

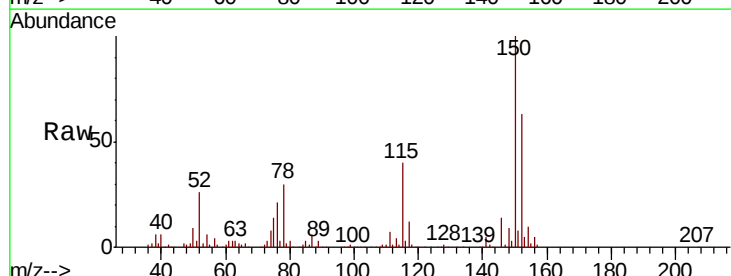
Tgt Ion:152 Resp: 161634

Ion Ratio Lower Upper

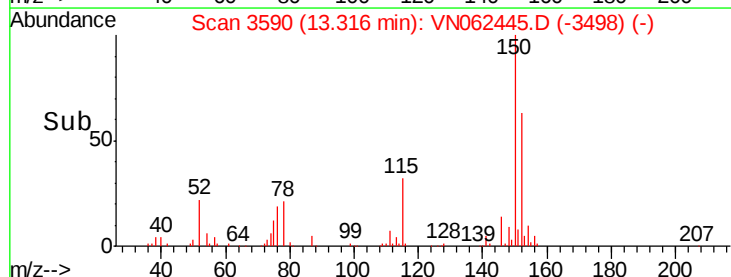
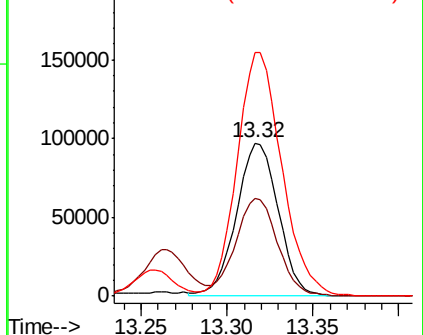
152 100

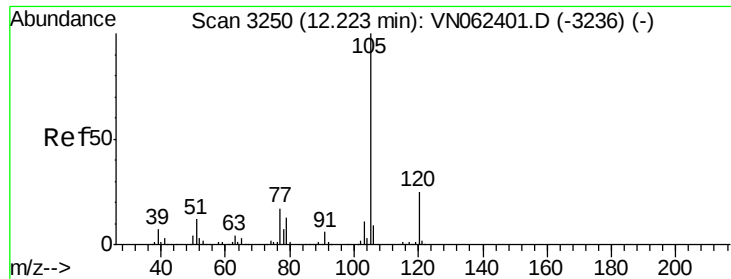
115 64.4 31.4 94.2

150 173.3 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.541 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

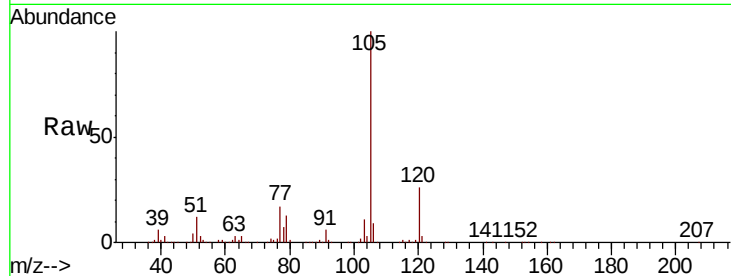
VSTDCCC050EC

Tot Ion:105 Resp: 632148

Ion Ratio Lower Upper

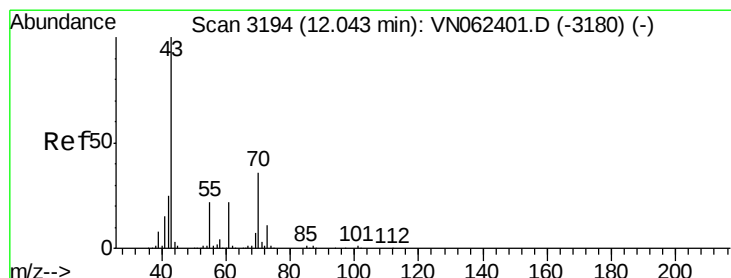
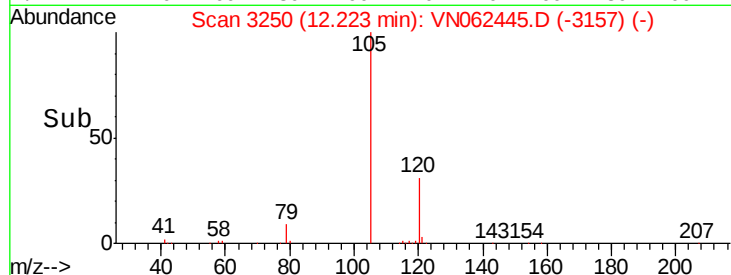
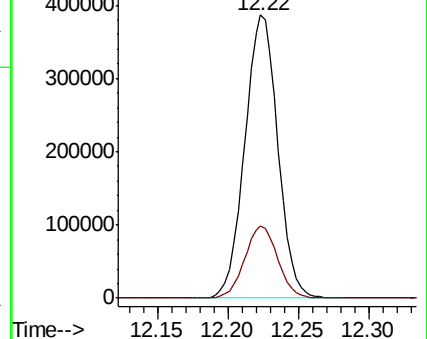
105 100

120 25.5 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.559 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Tgt Ion: 43 Resp: 326056

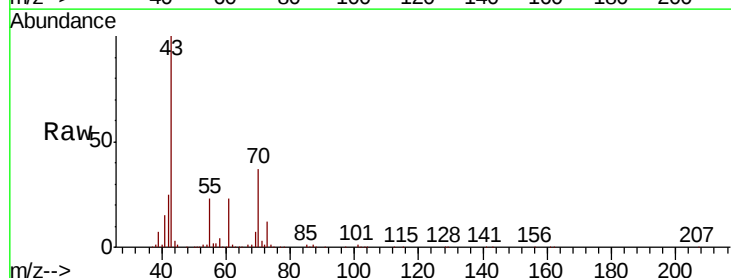
Ion Ratio Lower Upper

43 100

70 37.5 30.0 45.0

55 23.1 18.2 27.4

61 22.7 17.7 26.5

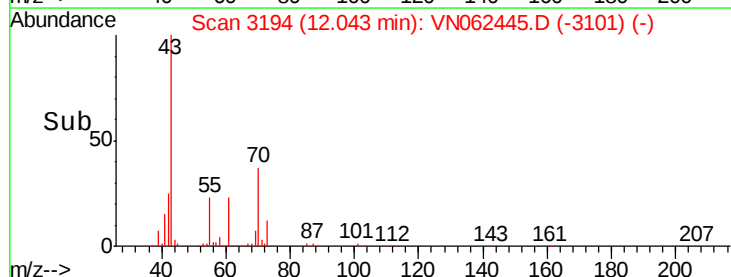
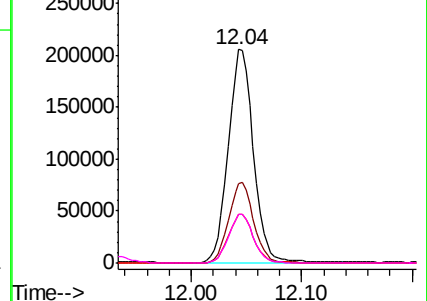


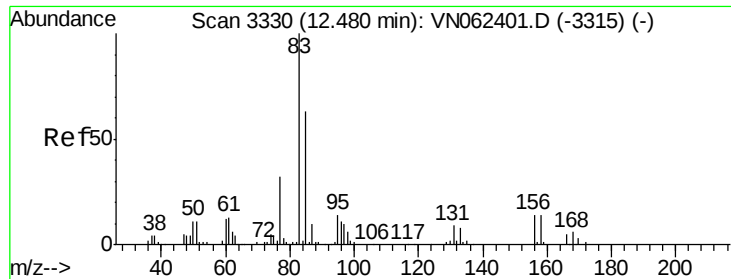
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.309 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

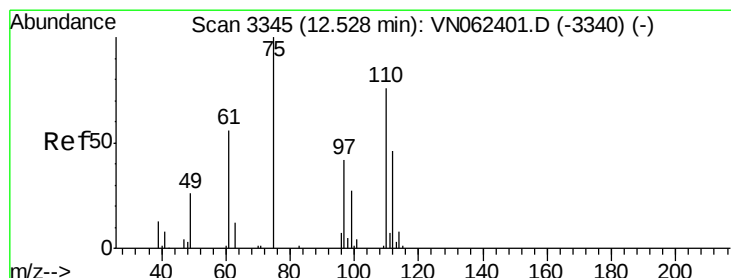
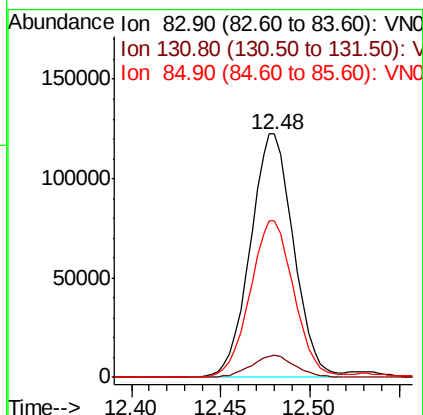
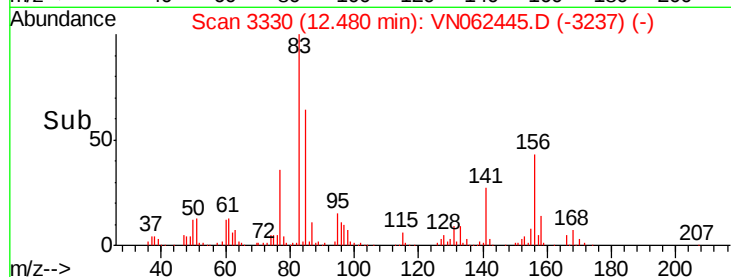
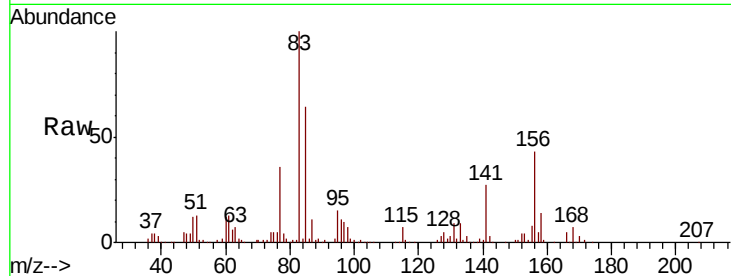
Tot Ion: 83 Resp: 207368

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.5

85 65.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 61.880 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062445.D

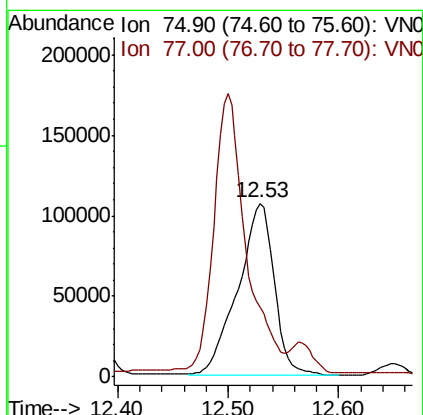
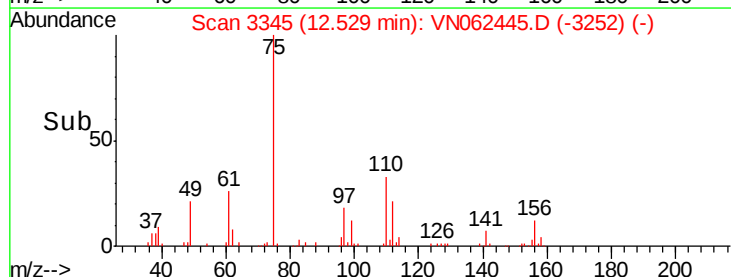
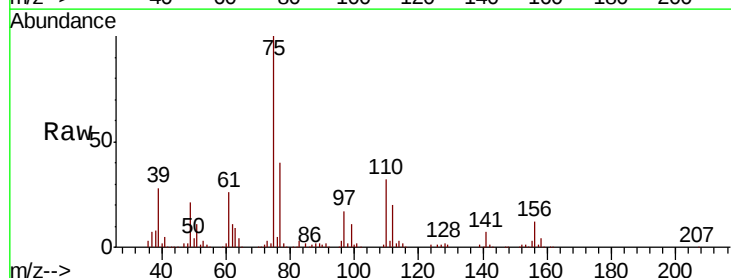
Acq: 9 Jul 2020 7:35

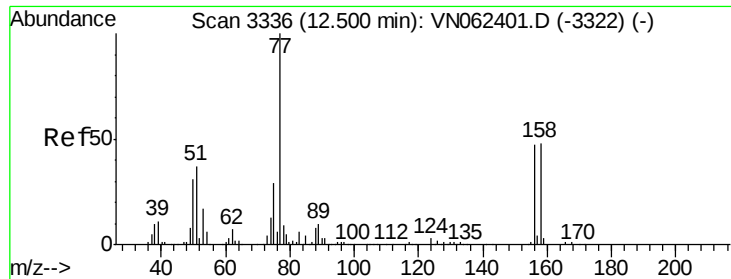
Tgt Ion: 75 Resp: 245412

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 157.703 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

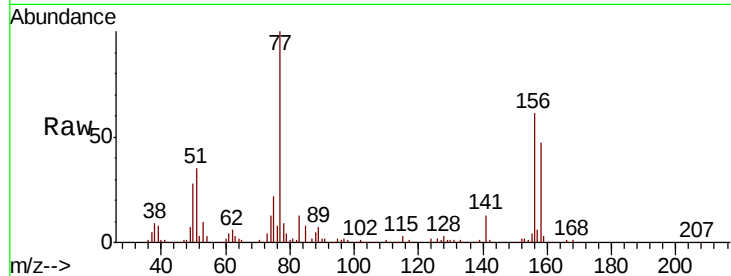
Tot Ion:156 Resp: 448426

Ion Ratio Lower Upper

156 100

77 76.3 126.4 379.3#

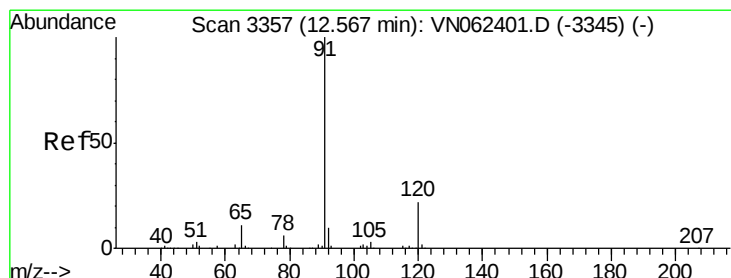
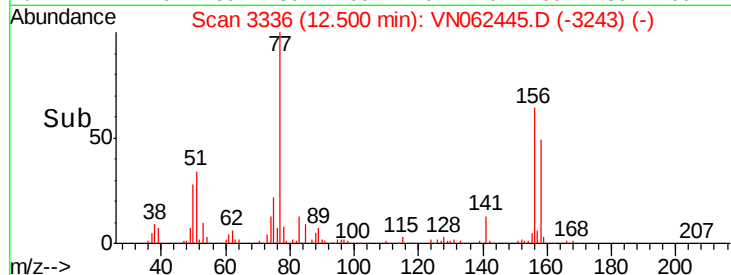
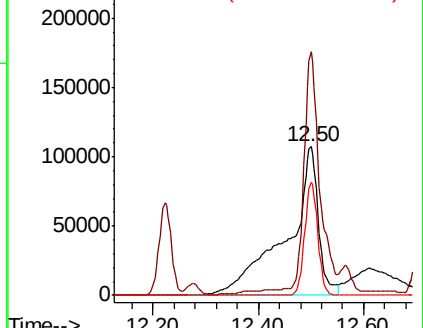
158 31.0 49.8 149.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.497 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062445.D

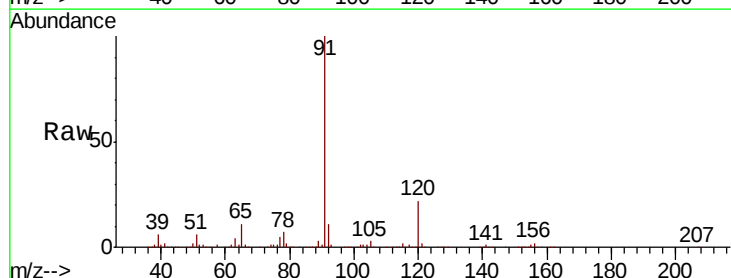
Acq: 9 Jul 2020 7:35

Tgt Ion: 91 Resp: 752388

Ion Ratio Lower Upper

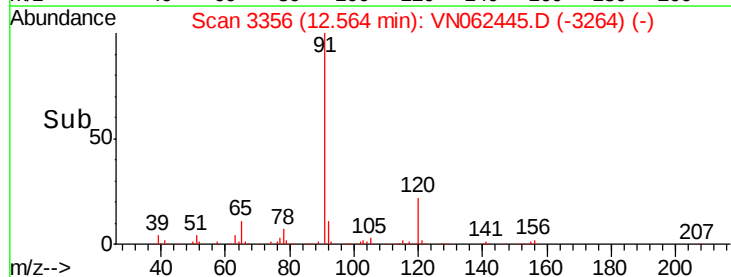
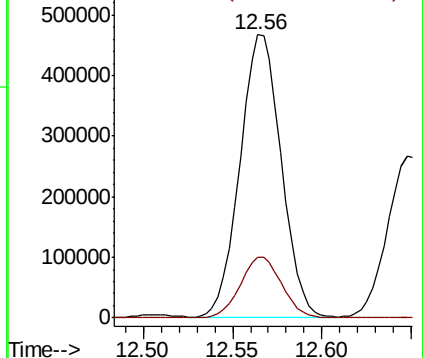
91 100

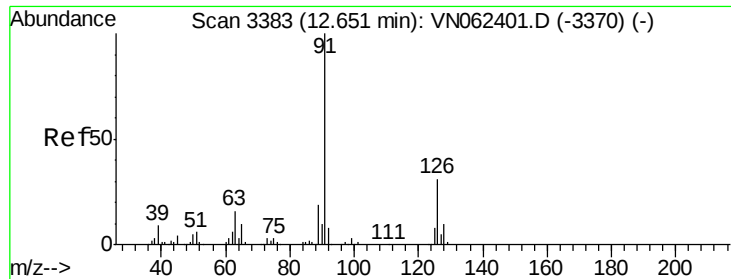
120 21.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.182 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

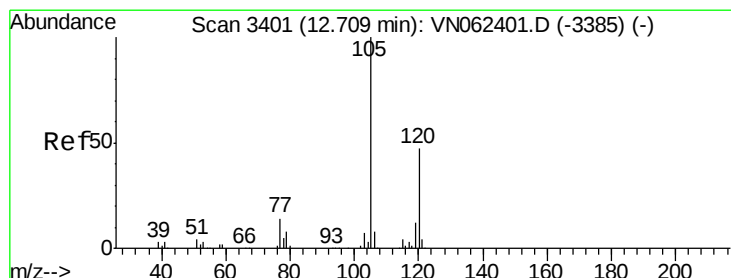
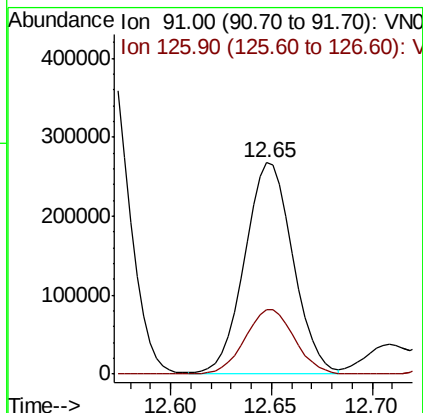
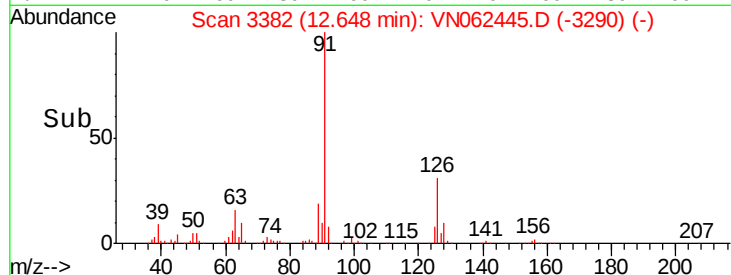
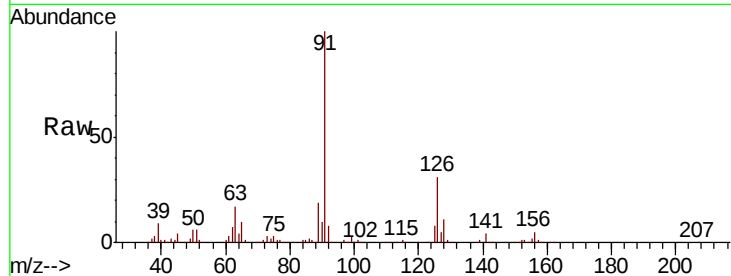
VSTDCCC050EC

Tot Ion: 91 Resp: 444979

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 51.965 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062445.D

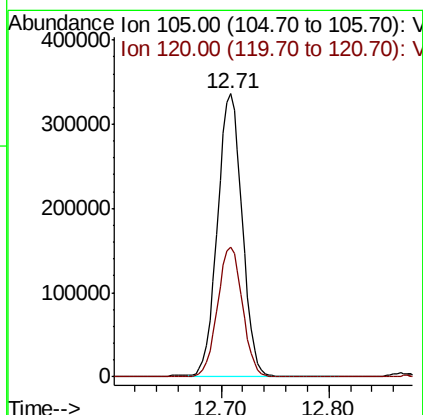
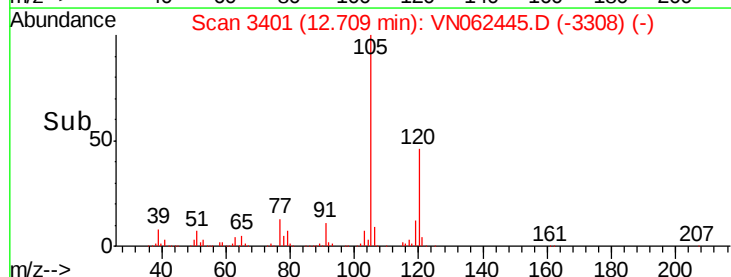
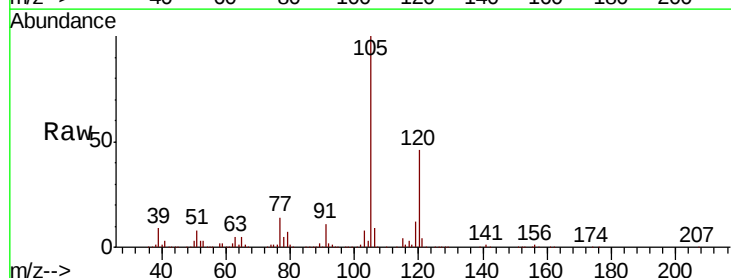
Acq: 9 Jul 2020 7:35

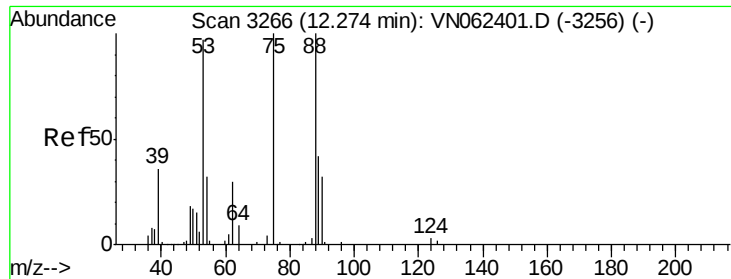
Tgt Ion: 105 Resp: 532818

Ion Ratio Lower Upper

105 100

120 46.3 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 28.859 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

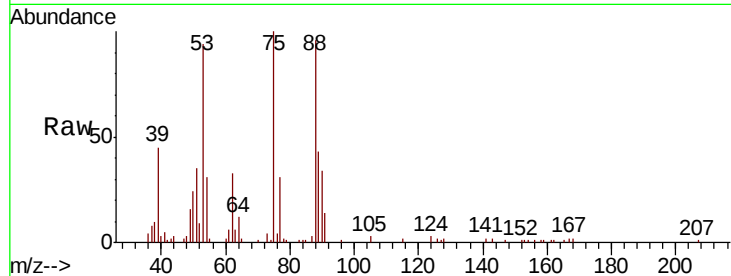
Tot Ion: 75 Resp: 42761

Ion Ratio Lower Upper

75 100

53 96.1 79.2 118.8

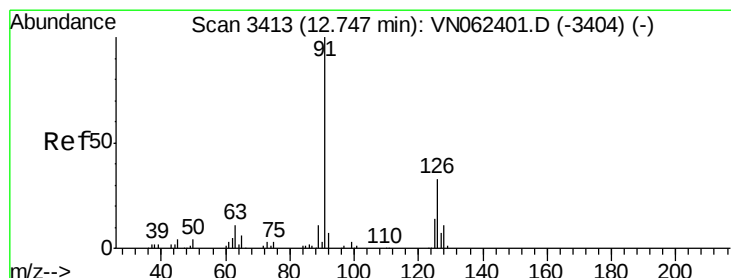
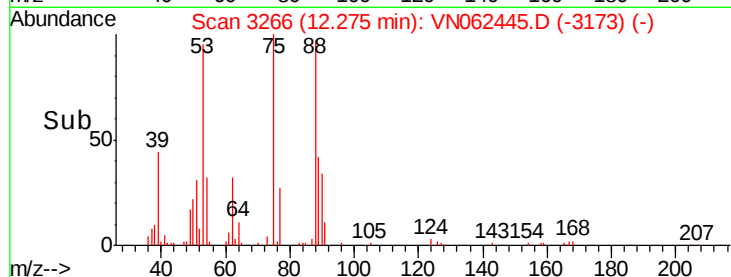
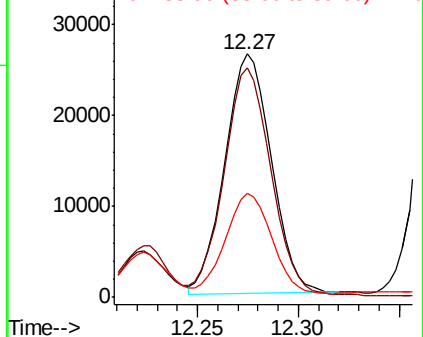
89 42.4 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 51.487 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062445.D

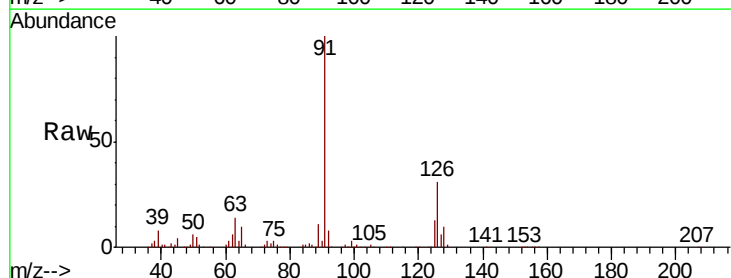
Acq: 9 Jul 2020 7:35

Tgt Ion: 91 Resp: 463501

Ion Ratio Lower Upper

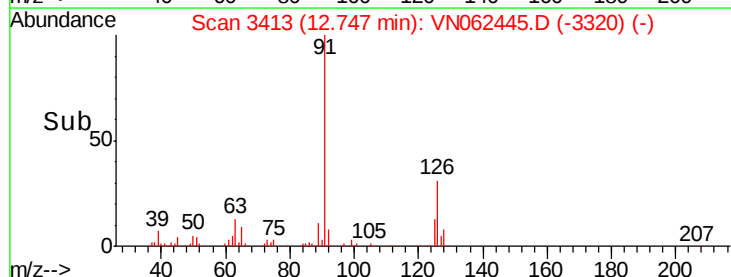
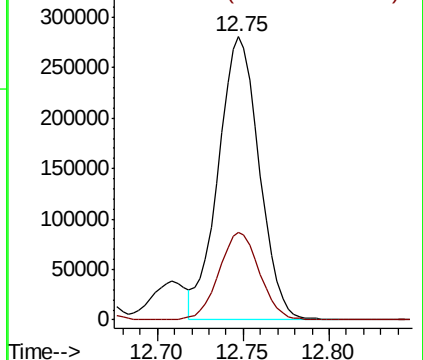
91 100

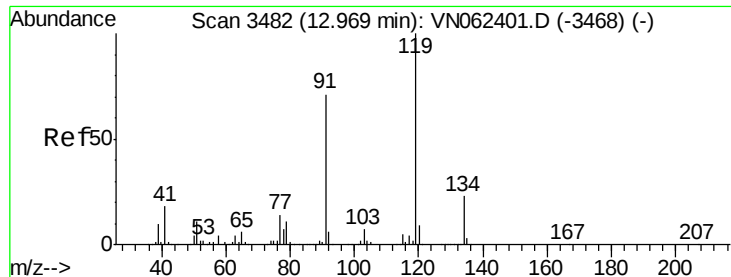
126 30.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

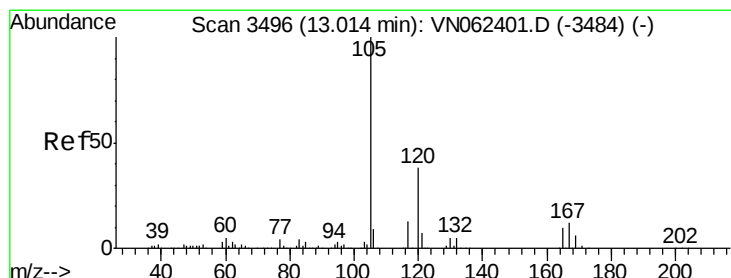
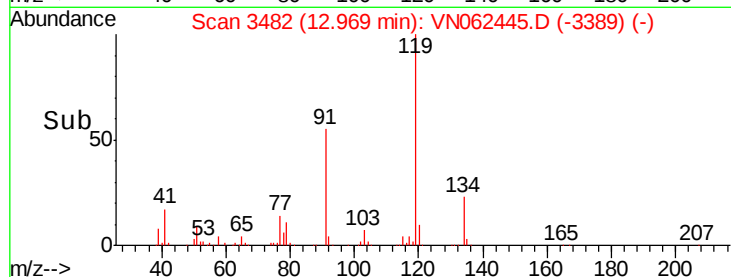
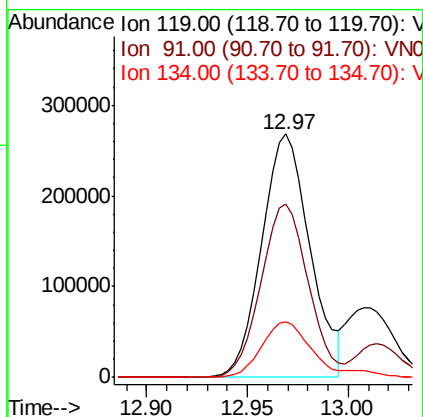
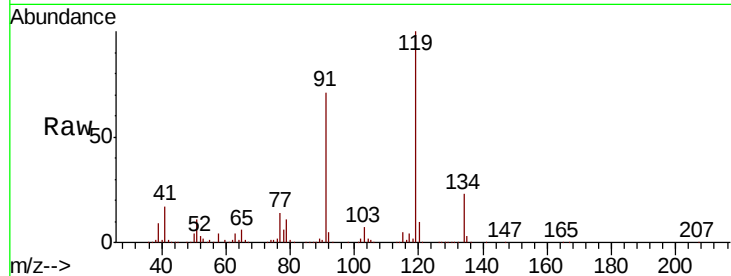




#83  
tert-Butylbenzene  
Concen: 51.442 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

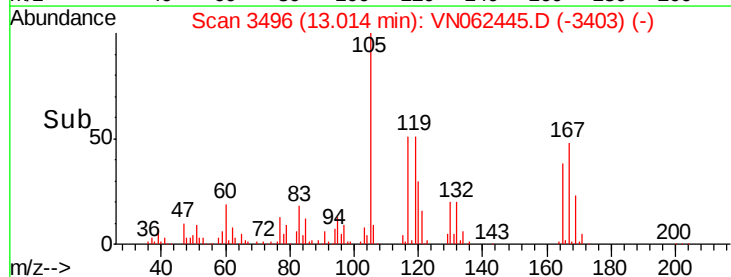
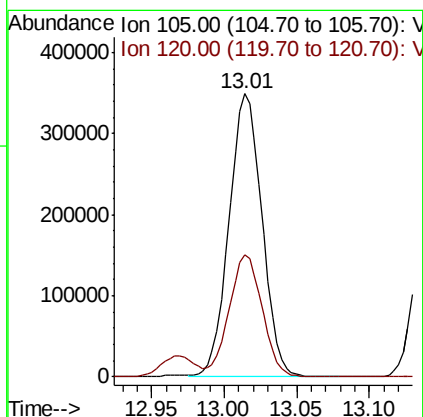
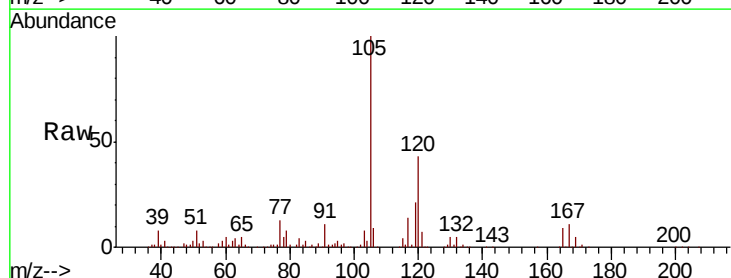
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:119 Resp: 447612  
Ion Ratio Lower Upper  
119 100  
91 69.9 34.8 104.3  
134 24.8 11.7 35.0



#84  
1,2,4-Trimethylbenzene  
Concen: 53.759 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion:105 Resp: 547897  
Ion Ratio Lower Upper  
105 100  
120 43.5 21.6 64.8





#85

sec-Butylbenzene

Concen: 51.187 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

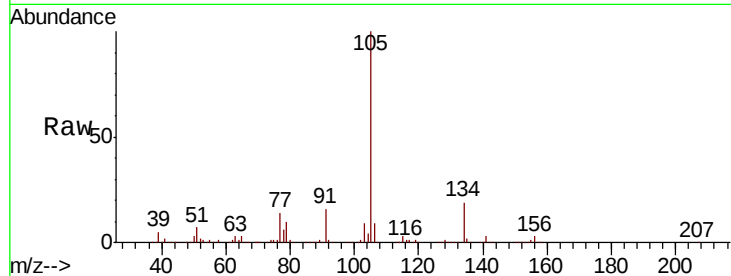
VSTDCCC050EC

Tot Ion:105 Resp: 590196

Ion Ratio Lower Upper

105 100

134 18.9 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

400000

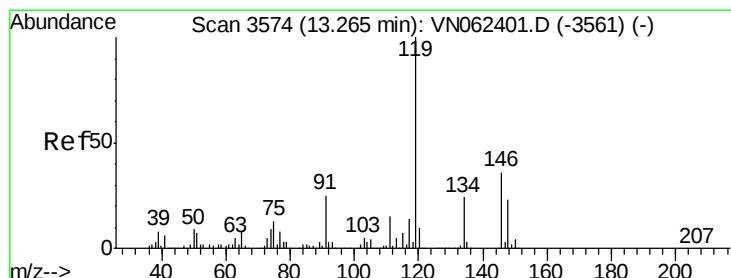
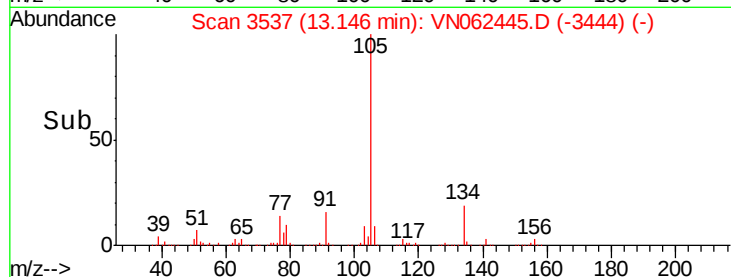
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.717 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

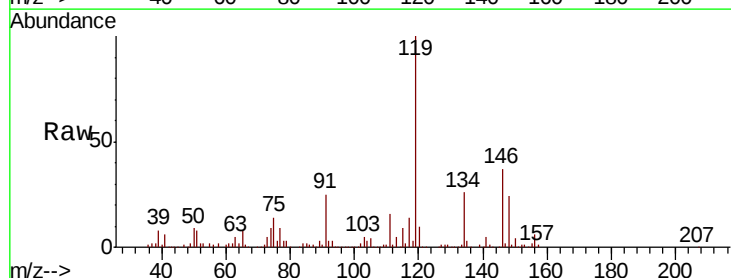
Tgt Ion:119 Resp: 524615

Ion Ratio Lower Upper

119 100

134 25.5 12.4 37.0

91 25.3 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

400000

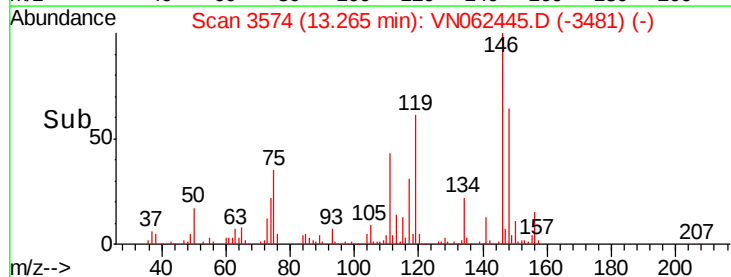
300000

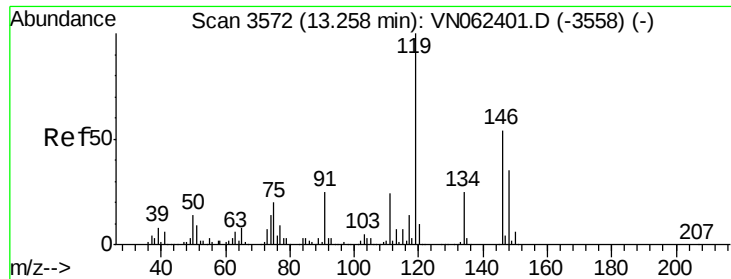
200000

100000

0

Time-->

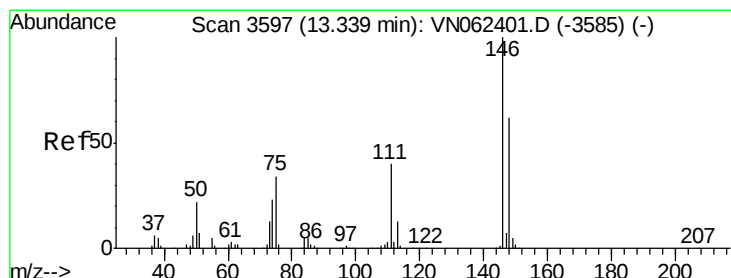
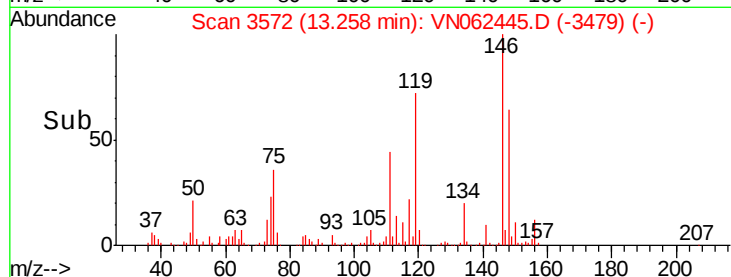
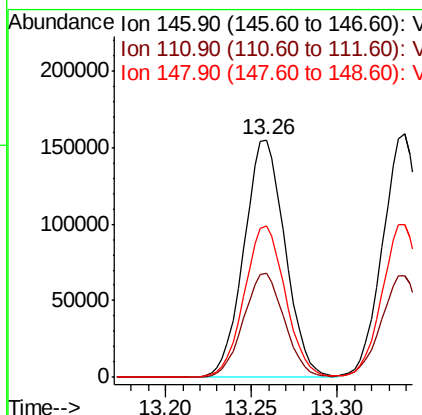
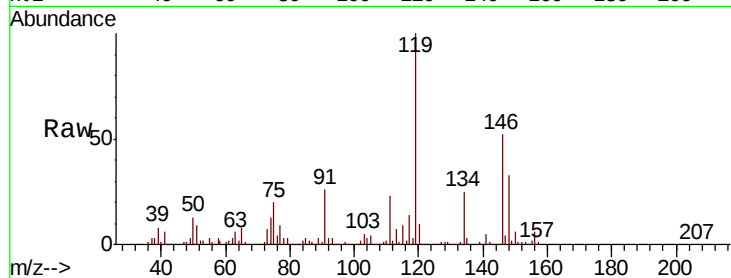




#87  
 1,3-Dichlorobenzene  
 Concen: 52.365 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

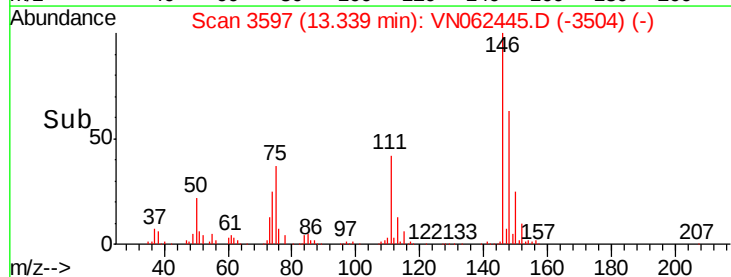
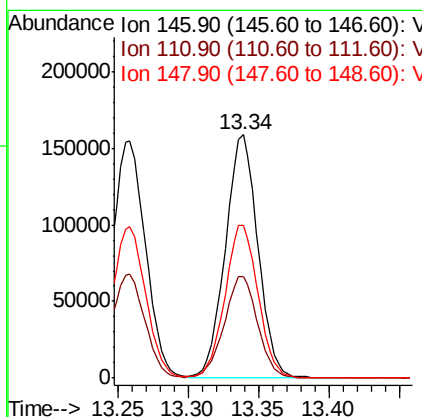
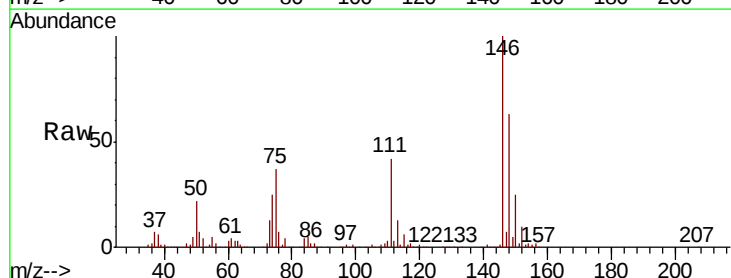
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

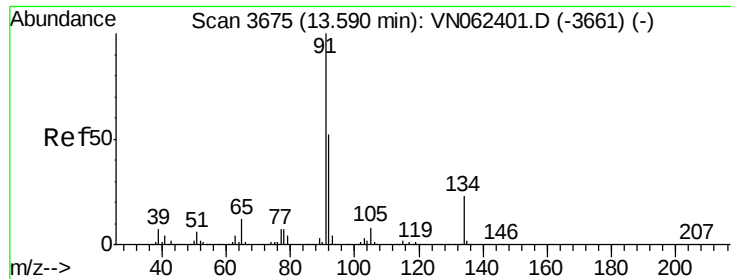
Tot Ion:146 Resp: 256869  
 Ion Ratio Lower Upper  
 146 100  
 111 43.6 21.6 64.6  
 148 63.6 32.2 96.6



#88  
 1,4-Dichlorobenzene  
 Concen: 50.619 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Tgt Ion:146 Resp: 255495  
 Ion Ratio Lower Upper  
 146 100  
 111 42.9 21.1 63.1  
 148 64.2 31.4 94.2

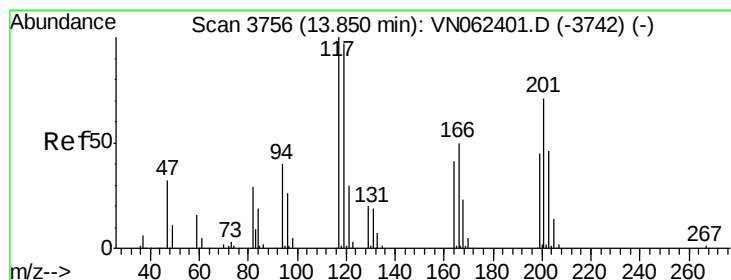
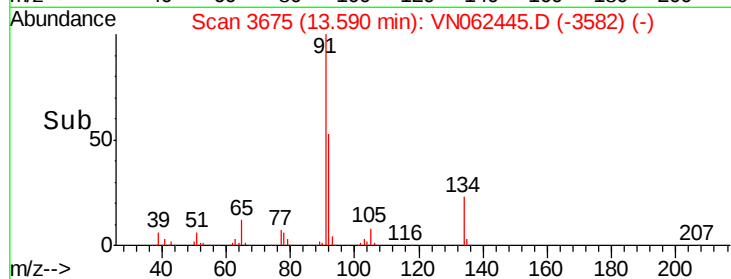
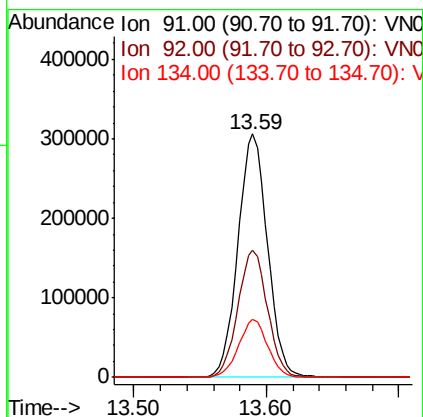
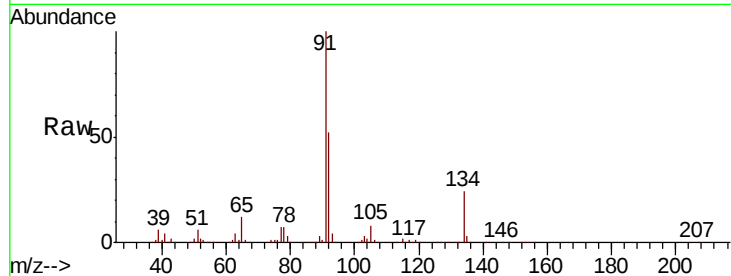




#89  
n-Butylbenzene  
Concen: 53.742 ug/l  
RT: 13.59 min Scan# 3675  
Delta R.T. 0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

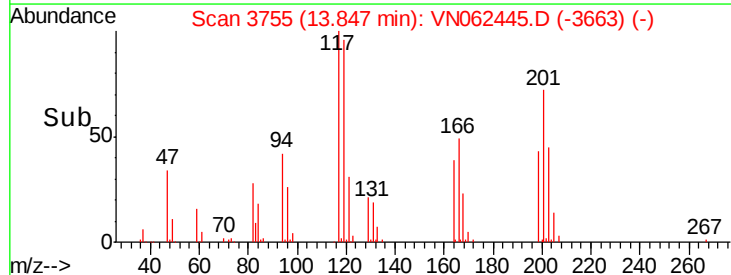
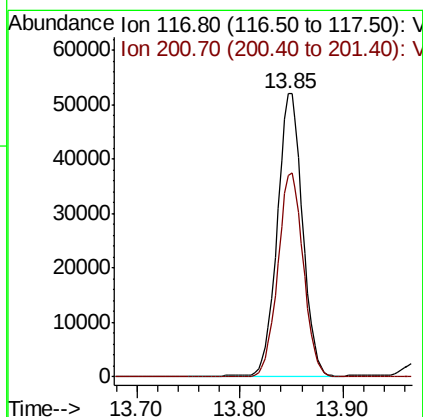
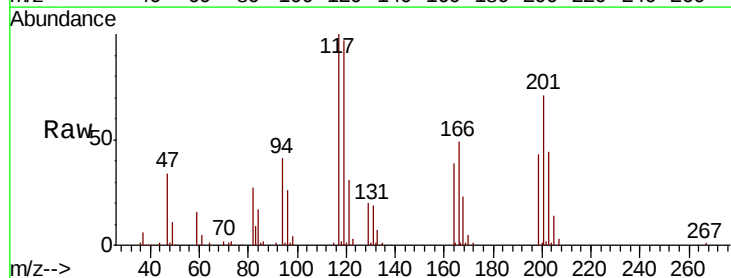
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

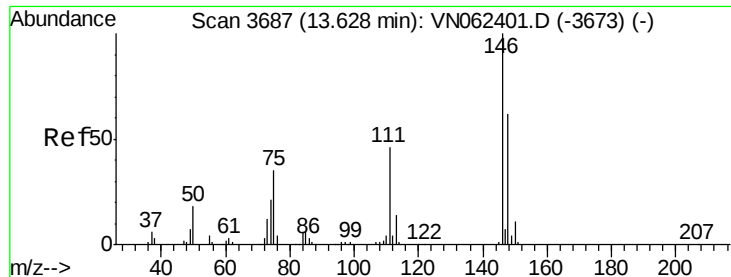
Tot Ion: 91 Resp: 472228  
Ion Ratio Lower Upper  
91 100  
92 52.4 25.9 77.7  
134 23.6 11.6 34.8



#90  
Hexachloroethane  
Concen: 45.598 ug/l  
RT: 13.85 min Scan# 3755  
Delta R.T. -0.00 min  
Lab File: VN062445.D  
Acq: 9 Jul 2020 7:35

Tgt Ion: 117 Resp: 89262  
Ion Ratio Lower Upper  
117 100  
201 71.8 35.4 106.2





#91

1,2-Dichlorobenzene

Concen: 52.957 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

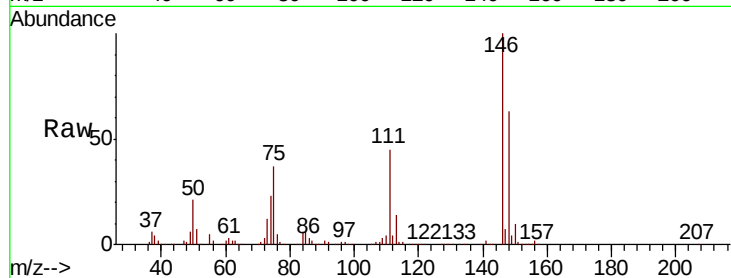
Tot Ion:146 Resp: 251170

Ion Ratio Lower Upper

146 100

111 44.6 22.5 67.5

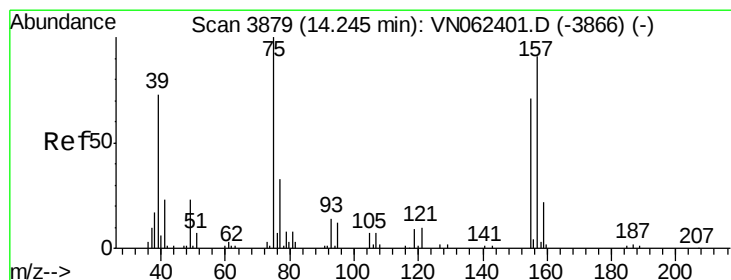
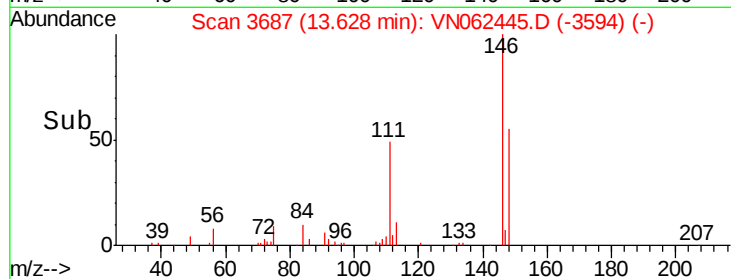
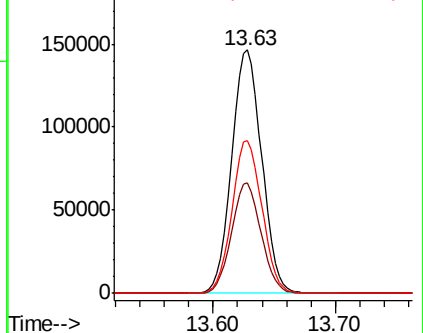
148 62.6 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.863 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

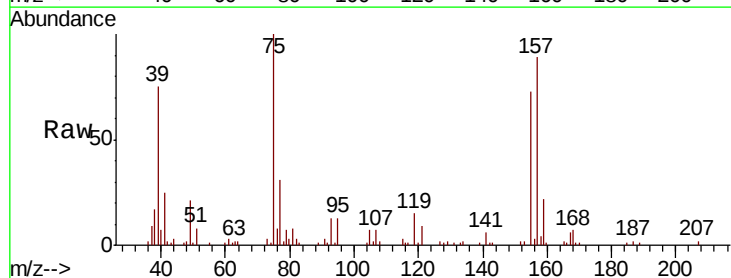
Tgt Ion: 75 Resp: 41338

Ion Ratio Lower Upper

75 100

155 68.5 35.2 105.6

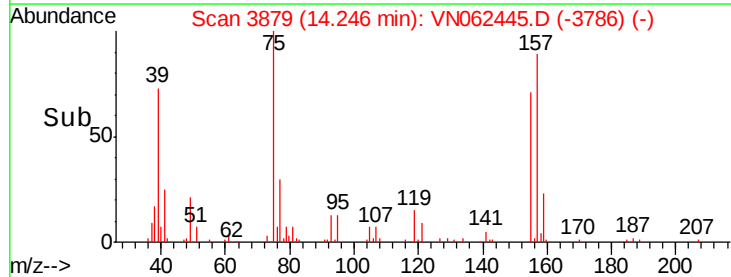
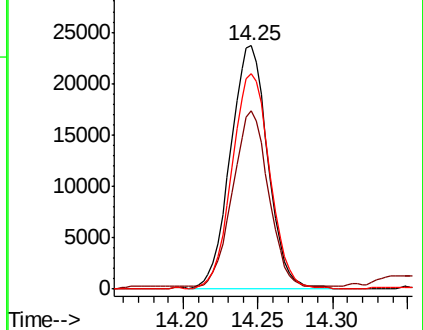
157 89.6 45.8 137.3

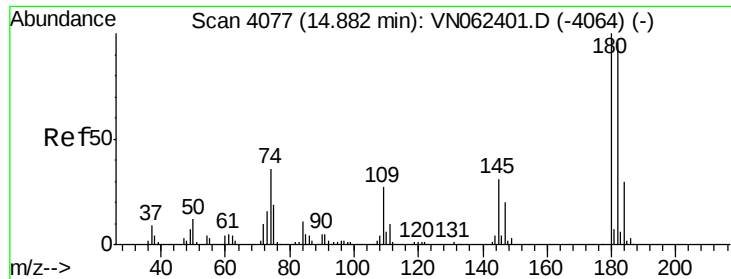


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

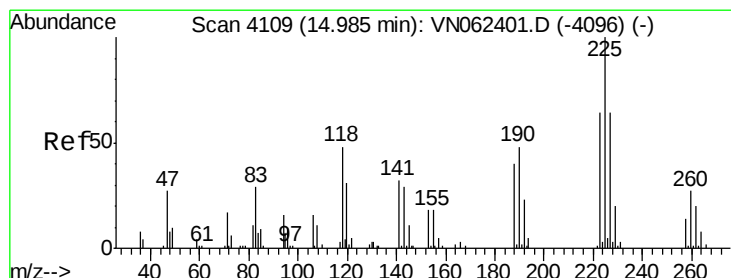
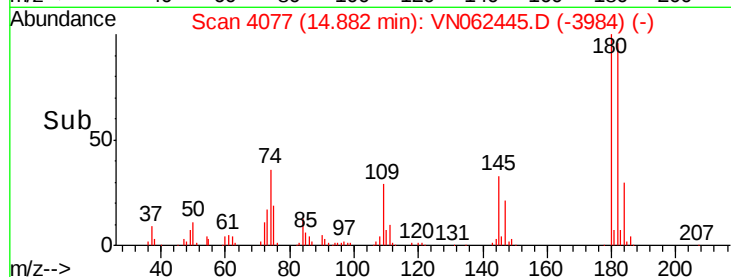
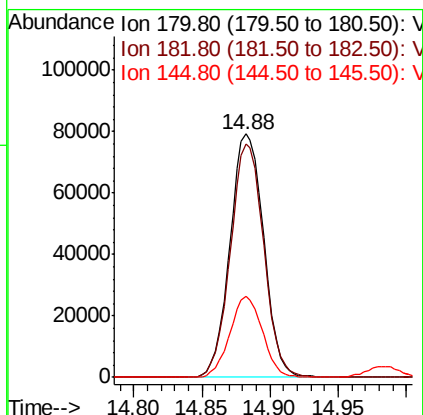
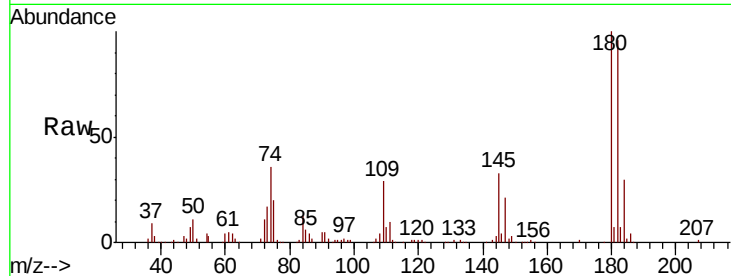




#93  
 1,2,4-Trichlorobenzene  
 Concen: 59.029 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

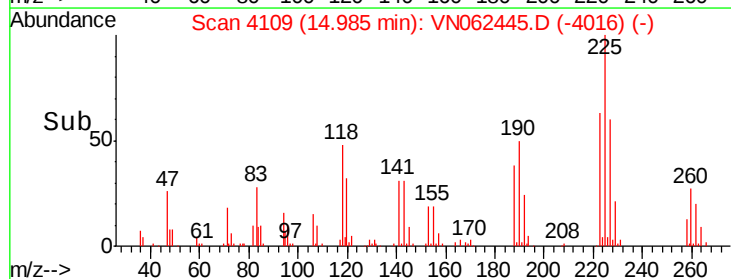
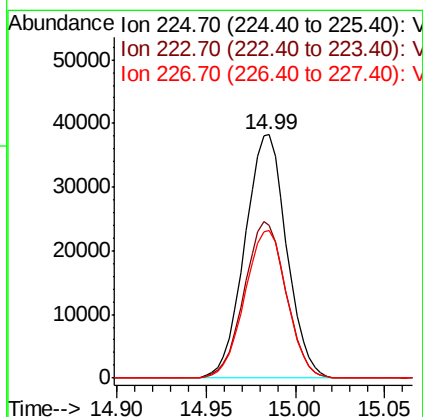
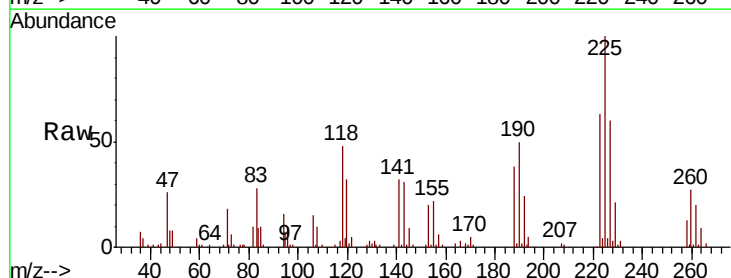
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

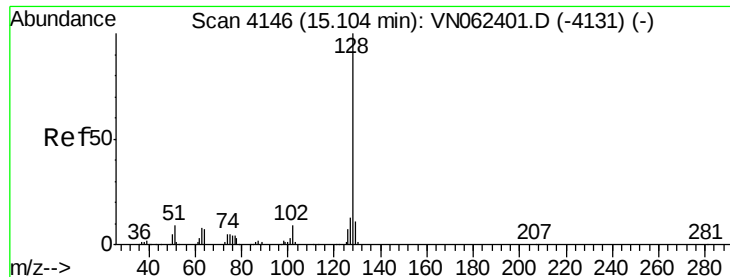
Tot Ion:180 Resp: 135964  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 48.4 145.2  
 145 32.3 15.5 46.5



#94  
 Hexachlorobutadiene  
 Concen: 49.722 ug/l  
 RT: 14.99 min Scan# 4109  
 Delta R.T. 0.00 min  
 Lab File: VN062445.D  
 Acq: 9 Jul 2020 7:35

Tgt Ion:225 Resp: 62615  
 Ion Ratio Lower Upper  
 225 100  
 223 64.2 32.3 96.8  
 227 61.1 31.9 95.7





#95

Naphthalene

Concen: 98.358 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

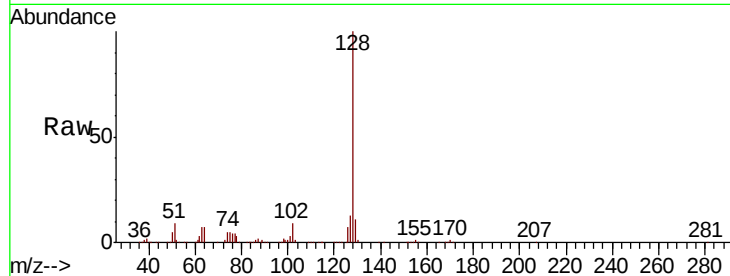
Tot Ion:128 Resp: 692854

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

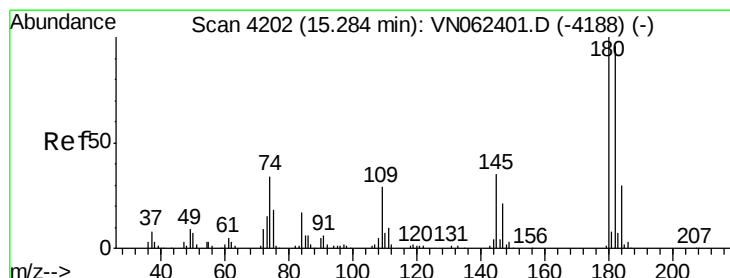
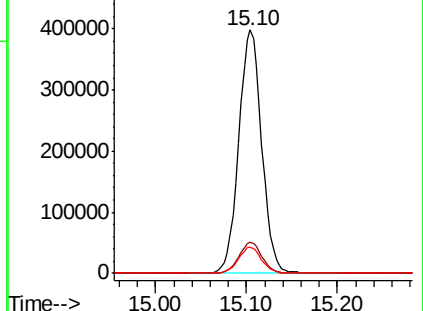
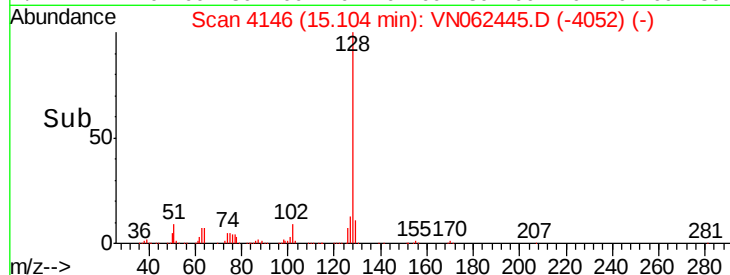
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.622 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062445.D

Acq: 9 Jul 2020 7:35

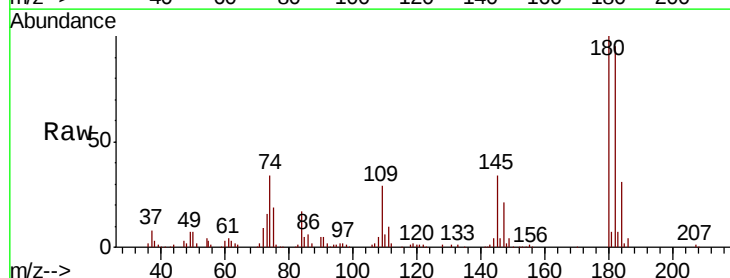
Tgt Ion:180 Resp: 134848

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.4

145 34.6 17.0 50.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

