

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\  
 Data File : VN064448.D  
 Acq On : 4 Nov 2020 20:03  
 Operator : JC/MD  
 Sample : PB132810ZHE#03  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132810ZHE#03

Quant Time: Nov 05 00:50:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 12:09:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 235702   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 465780   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 505338   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 185427   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 220001   | 53.59 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.18% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 161451   | 50.91 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.82% |      |
| 50) Toluene-d8            | 10.06  | 98  | 623920   | 50.90 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.80% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 244309   | 52.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.40% |      |

## Target Compounds

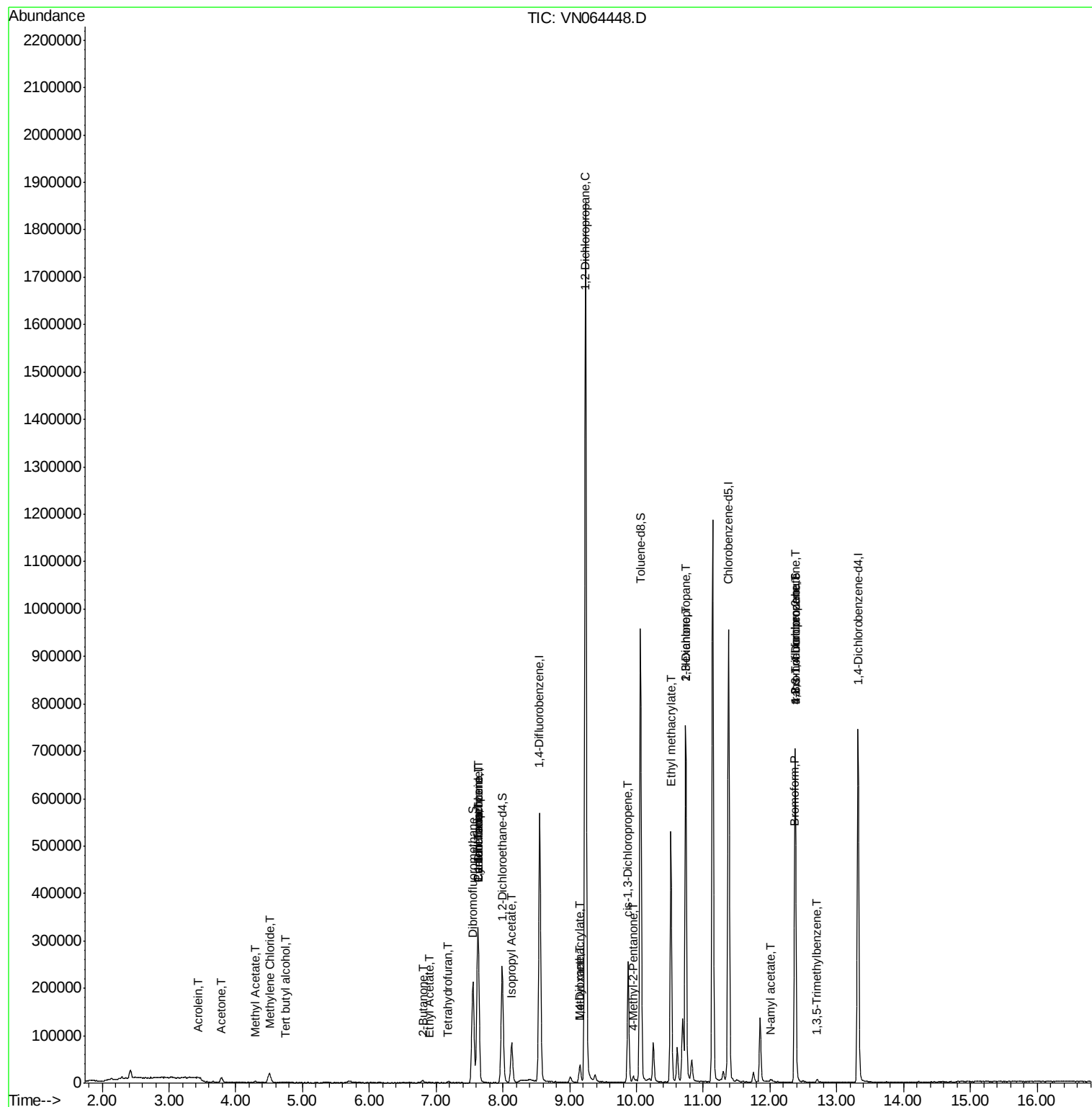
|                                |       |     |        |        |        | Qvalue |
|--------------------------------|-------|-----|--------|--------|--------|--------|
| 11) Tert butyl alcohol         | 4.75  | 59  | 173    | 0.382  | ug/l # | 71     |
| 13) Acrolein                   | 3.44  | 56  | 92     | 0.328  | ug/l # | 49     |
| 16) Acetone                    | 3.79  | 43  | 17106  | 10.938 | ug/l # | 86     |
| 18) Methyl Acetate             | 4.29  | 43  | 4647   | 1.511  | ug/l # | 80     |
| 20) Methylene Chloride         | 4.51  | 84  | 13676  | 4.408  | ug/l   | 96     |
| 25) 2-Butanone                 | 6.81  | 43  | 3137   | 1.574  | ug/l # | 52     |
| 29) Tetrahydrofuran            | 7.18  | 42  | 1000   | 0.818  | ug/l # | 66     |
| 31) Cyclohexane                | 7.63  | 56  | 7013   | 1.405  | ug/l # | 45     |
| 36) 1,1-Dichloropropene        | 7.62  | 75  | 23219  | 4.719  | ug/l # | 52     |
| 37) Ethyl Acetate              | 6.90  | 43  | 448    | 0.851  | ug/l # | 71     |
| 38) Carbon Tetrachloride       | 7.63  | 117 | 26724  | 5.082  | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.13  | 43  | 102588 | 12.865 | ug/l   | 99     |
| 45) 1,2-Dichloropropane        | 9.23  | 63  | 2281   | 0.591  | ug/l # | 45     |
| 48) Methyl methacrylate        | 9.15  | 41  | 6102   | 1.516  | ug/l # | 15     |
| 49) 1,4-Dioxane                | 9.16  | 88  | 30     | 0.566  | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.96  | 43  | 10134  | 2.179  | ug/l   | 96     |
| 54) cis-1,3-Dichloropropene    | 9.87  | 75  | 41090  | 6.638  | ug/l # | 70     |
| 56) Ethyl methacrylate         | 10.52 | 69  | 2254   | 2.225  | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.74 | 76  | 7367   | 1.227  | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.74 | 43  | 119379 | 35.002 | ug/l # | 54     |
| 71) Bromoform                  | 12.36 | 173 | 40     | 1.288  | ug/l # | 29     |
| 74) N-amyl acetate             | 12.02 | 43  | 4699   | 1.856  | ug/l # | 52     |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75  | 135663 | 30.196 | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105 | 2469   | 0.203  | ug/l   | 83     |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75  | 135663 | 84.311 | ug/l # | 8      |

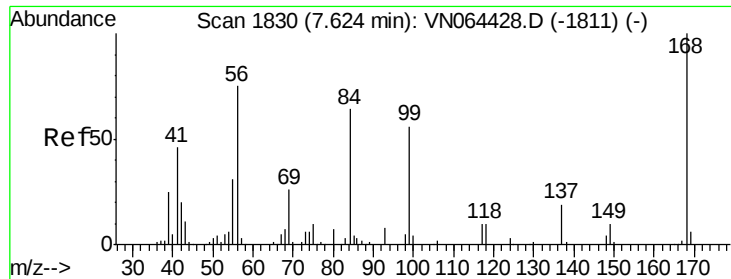
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110420\  
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Quant Time: Nov 05 00:50:11 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 04 12:09:03 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

Instrument :

MSVOA\_N

ClientSampleId :

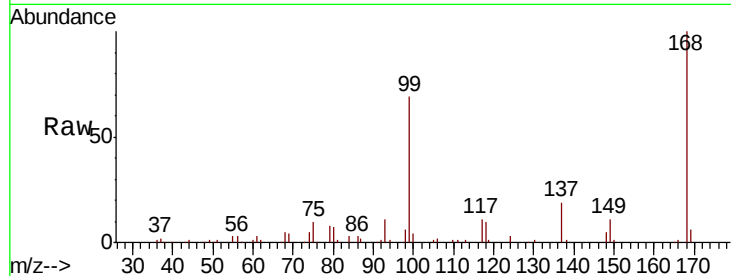
PB132810ZHE#03

Tot Ion:168 Resp: 235702

Ion Ratio Lower Upper

168 100

99 68.4 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

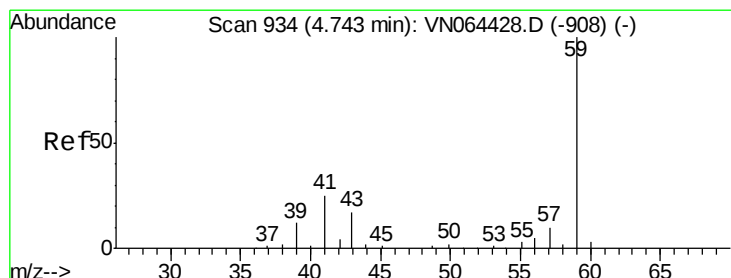
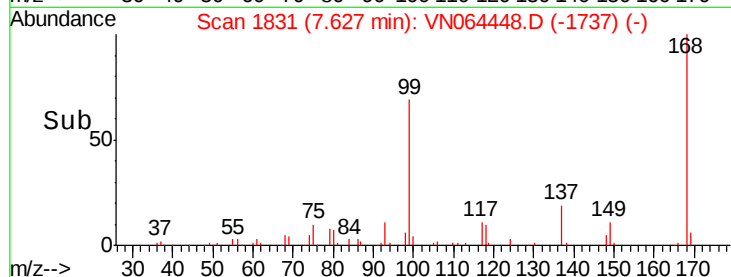
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 0.382 ug/l

RT: 4.75 min Scan# 936

Delta R.T. 0.01 min

Lab File: VN064448.D

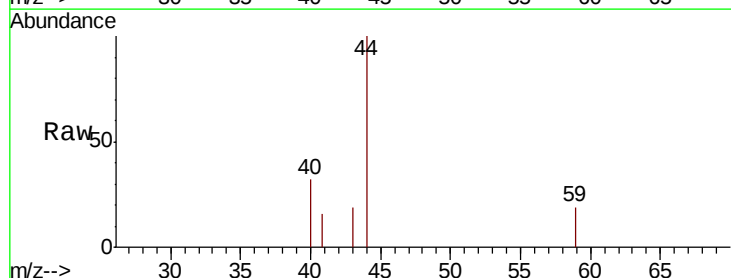
Acq: 4 Nov 2020 20:03

Tgt Ion: 59 Resp: 173

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.75

200

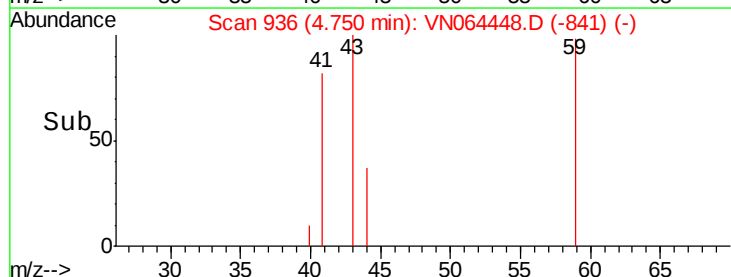
150

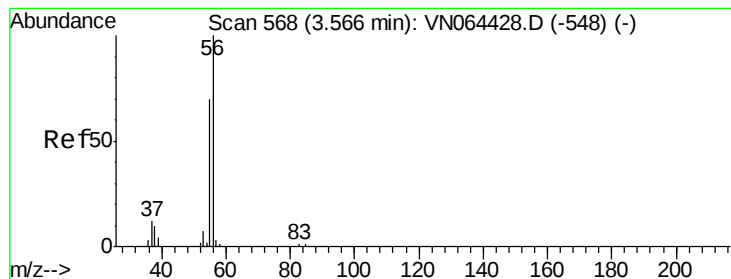
100

50

0

Time--> 4.73 4.74 4.75 4.76 4.77





#13

Acrolein

Concen: 0.328 ug/l

RT: 3.44 min Scan# 529

Delta R.T. -0.13 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

Instrument :

MSVOA\_N

ClientSampleId :

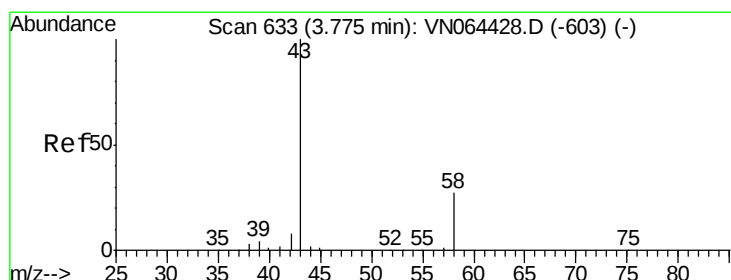
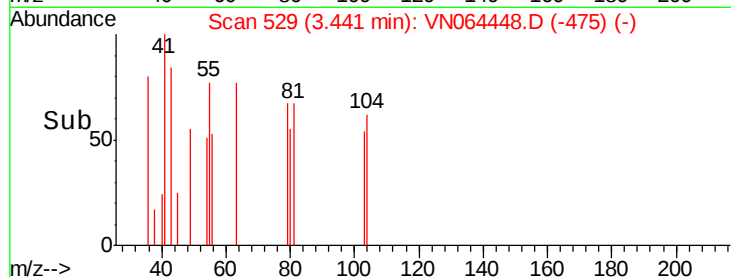
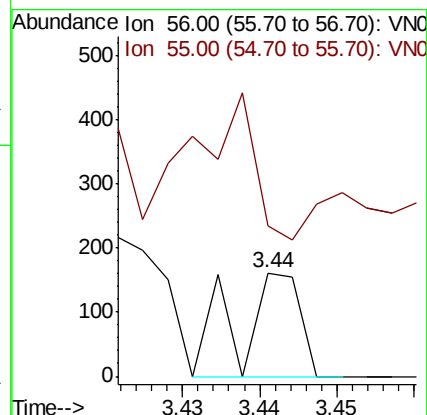
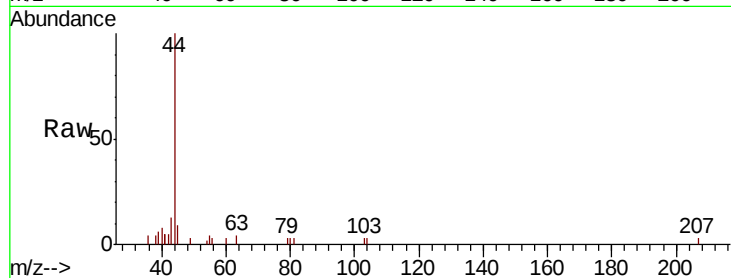
PB132810ZHE#03

Tot Ion: 56 Resp: 92

Ion Ratio Lower Upper

56 100

55 112.0 55.9 83.9#



#16

Acetone

Concen: 10.938 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064448.D

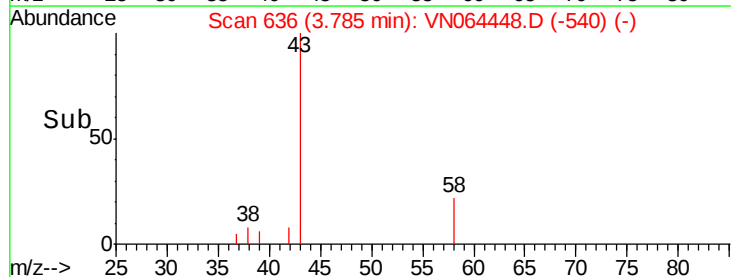
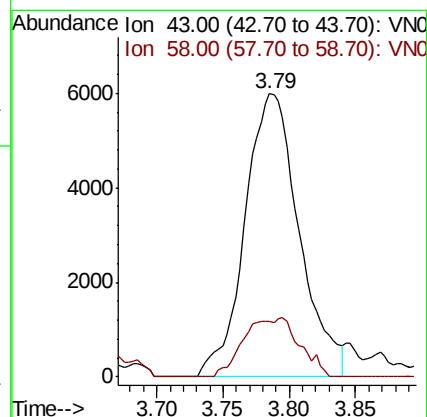
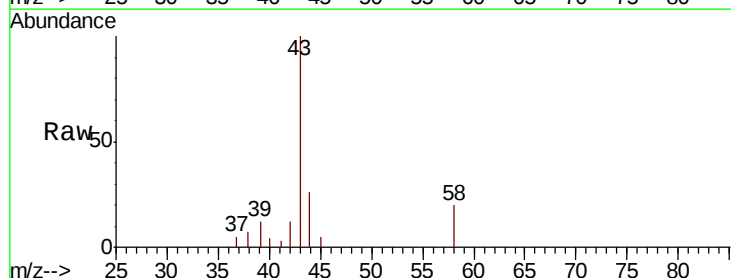
Acq: 4 Nov 2020 20:03

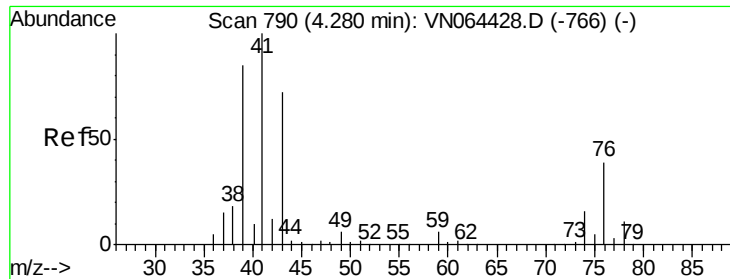
Tgt Ion: 43 Resp: 17106

Ion Ratio Lower Upper

43 100

58 19.5 21.4 32.0#

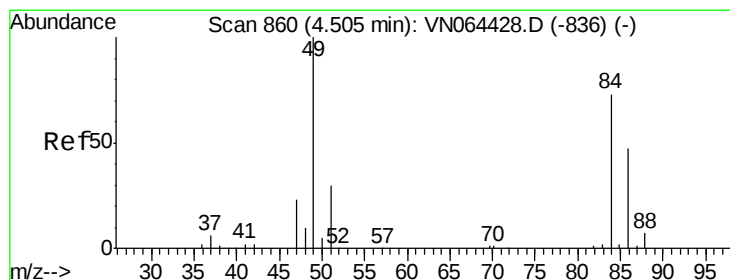
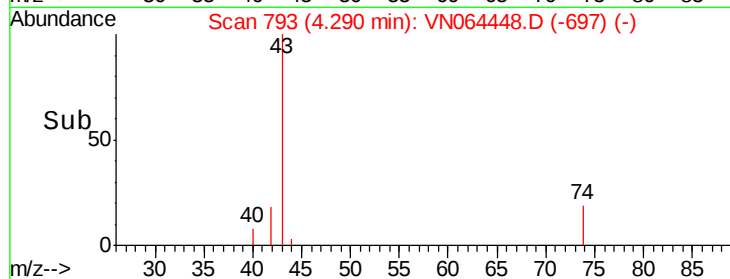
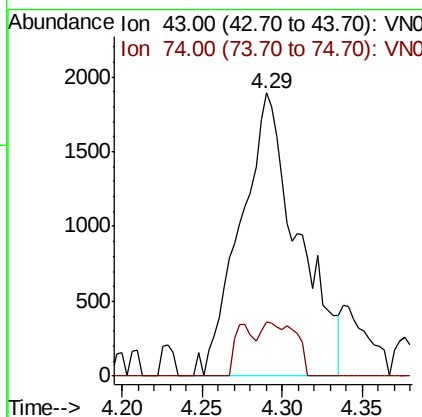
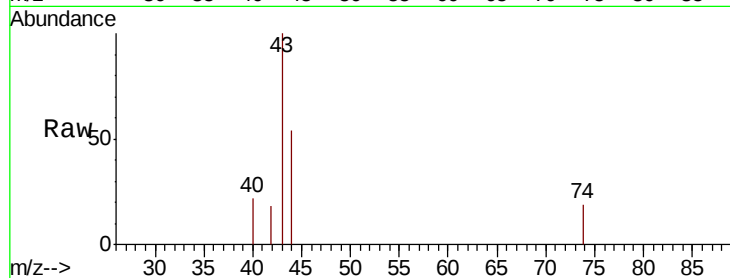




#18  
Methyl Acetate  
Concen: 1.511 ug/l  
RT: 4.29 min Scan# 793  
Delta R.T. 0.01 min  
Lab File: VN064448.D  
Acq: 4 Nov 2020 20:03

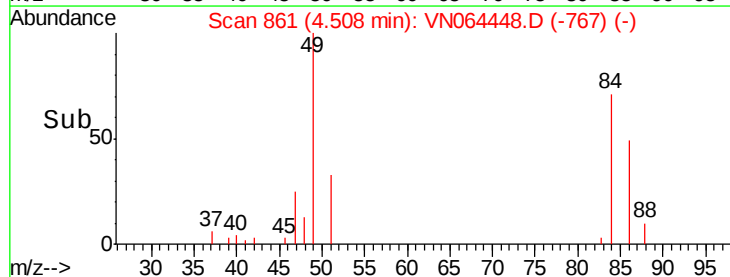
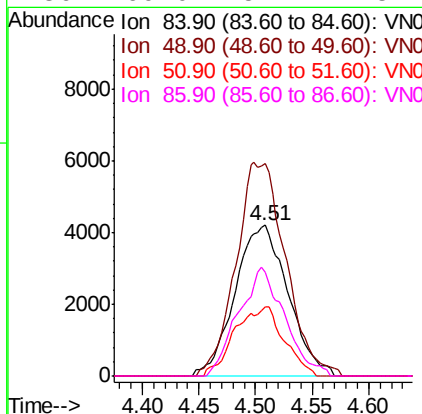
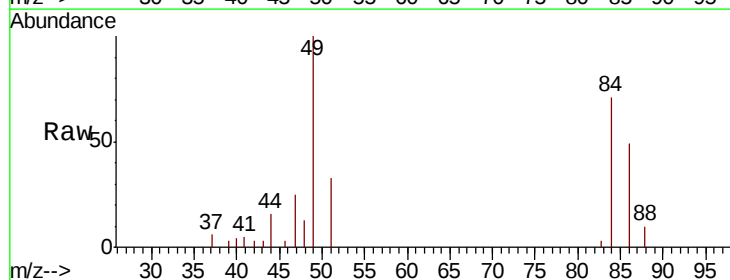
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132810ZHE#03

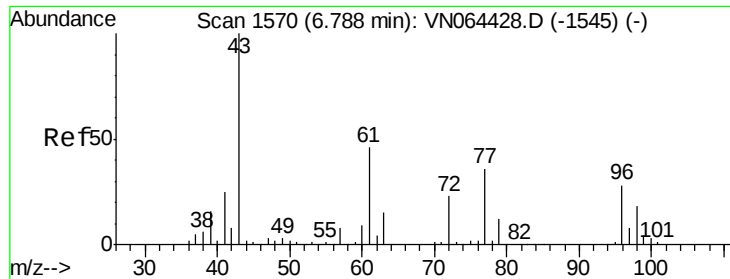
Tot Ion: 43 Resp: 4647  
Ion Ratio Lower Upper  
43 100  
74 11.7 17.0 25.4#



#20  
Methylene Chloride  
Concen: 4.408 ug/l  
RT: 4.51 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: VN064448.D  
Acq: 4 Nov 2020 20:03

Tgt Ion: 84 Resp: 13676  
Ion Ratio Lower Upper  
84 100  
49 141.1 110.1 165.1  
51 46.1 33.6 50.4  
86 69.0 52.1 78.1

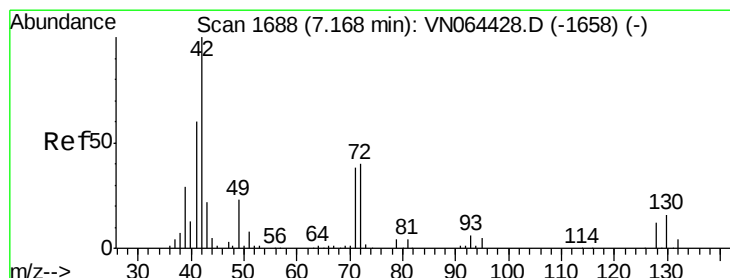
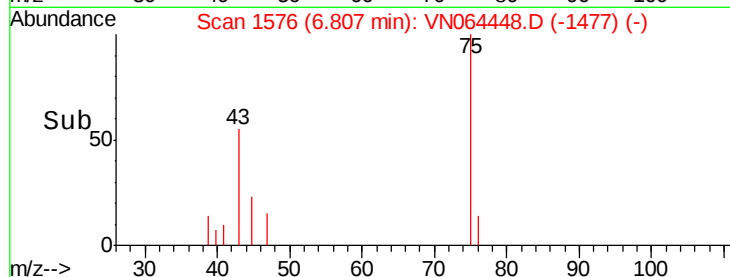
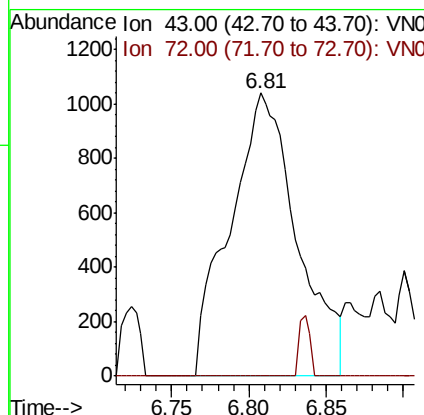
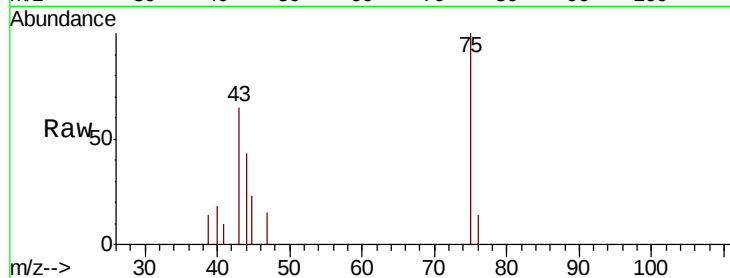




#25  
 2-Butanone  
 Concen: 1.574 ug/l  
 RT: 6.81 min Scan# 1576  
 Delta R.T. 0.02 min  
 Lab File: VN064448.D  
 Acq: 4 Nov 2020 20:03

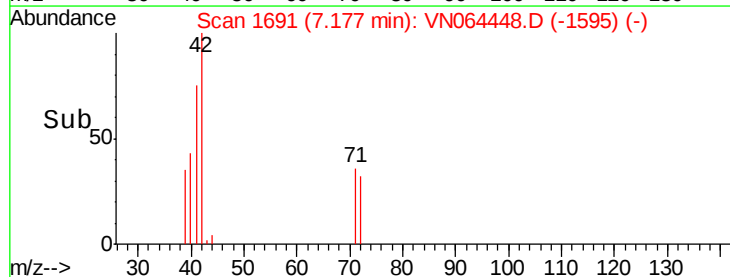
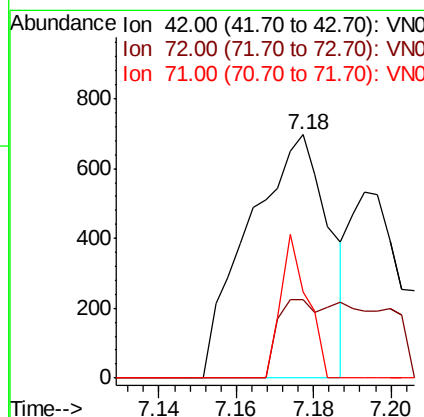
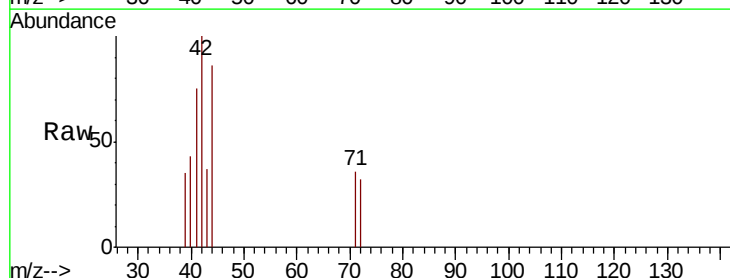
Instrument :  
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 PB132810ZHE#03

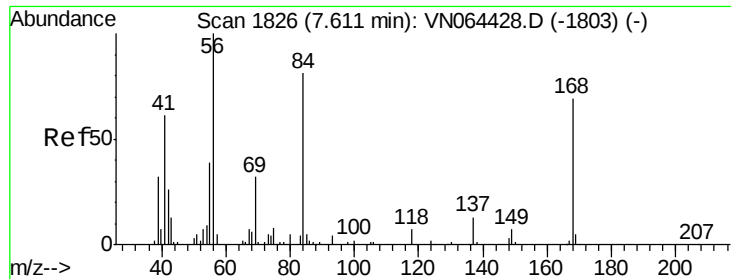
Tot Ion: 43 Resp: 3137  
 Ion Ratio Lower Upper  
 43 100  
 72 0.0 18.5 27.7#



#29  
 Tetrahydrofuran  
 Concen: 0.818 ug/l  
 RT: 7.18 min Scan# 1691  
 Delta R.T. 0.01 min  
 Lab File: VN064448.D  
 Acq: 4 Nov 2020 20:03

Tgt Ion: 42 Resp: 1000  
 Ion Ratio Lower Upper  
 42 100  
 72 15.6 31.7 47.5#  
 71 19.7 29.8 44.6#

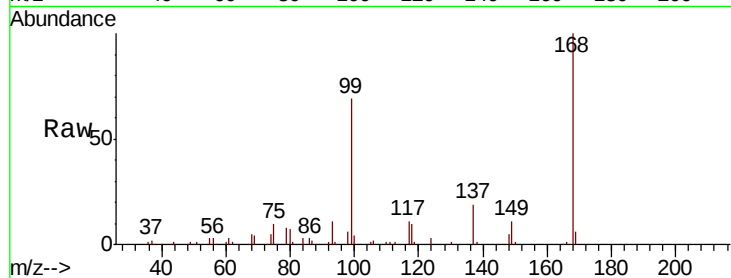




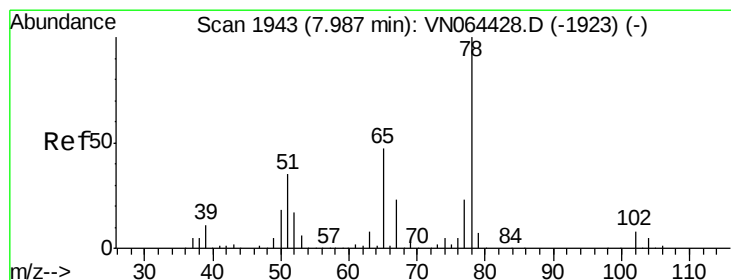
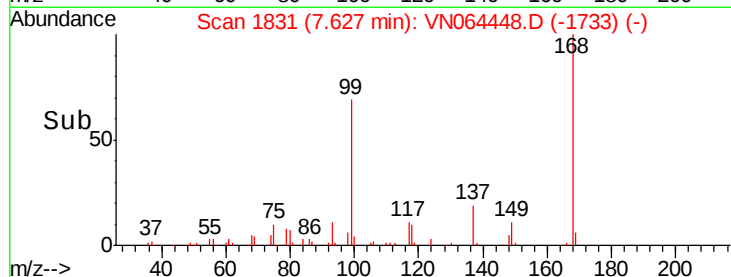
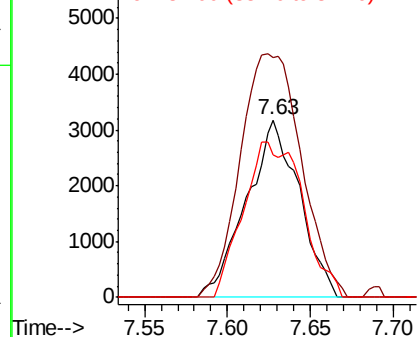
#31  
Cyclohexane  
Concen: 1.405 ug/l  
RT: 7.63 min Scan# 1831  
Delta R.T. 0.02 min  
Lab File: VN064448.D  
Acq: 4 Nov 2020 20:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132810ZHE#03

Tot Ion: 56 Resp: 7013  
Ion Ratio Lower Upper  
56 100  
69 135.3 25.6 38.4#  
84 80.7 63.0 94.6

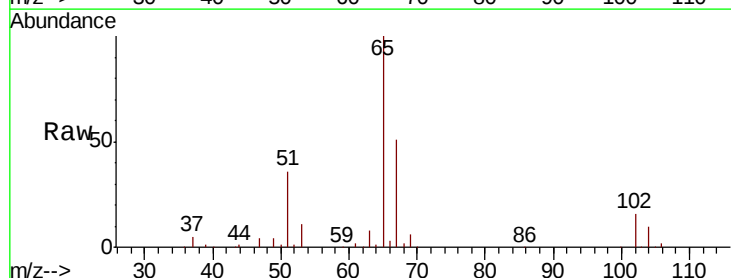


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

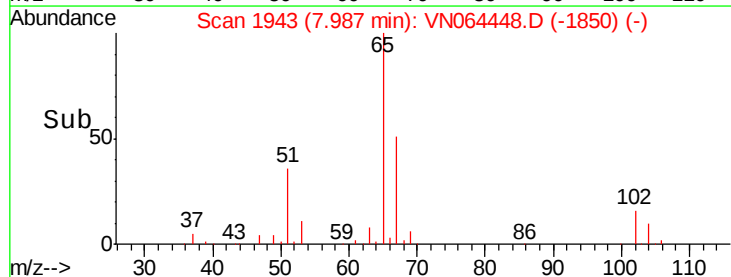
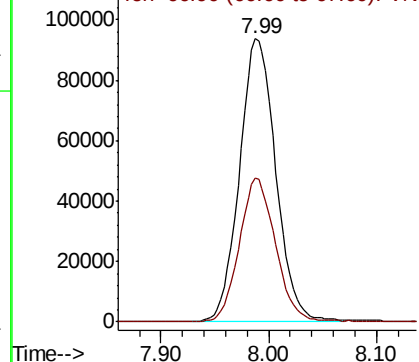


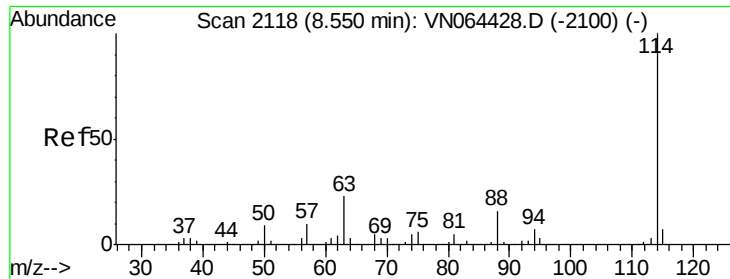
#33  
1,2-Dichloroethane-d4  
Concen: 53.586 ug/l  
RT: 7.99 min Scan# 1943  
Delta R.T. -0.00 min  
Lab File: VN064448.D  
Acq: 4 Nov 2020 20:03

Tgt Ion: 65 Resp: 220001  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0  
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

Instrument :

MSVOA\_N

ClientSampleId :

PB132810ZHE#03

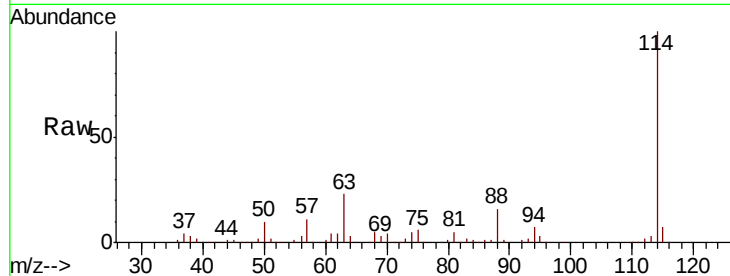
Tot Ion:114 Resp: 465780

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

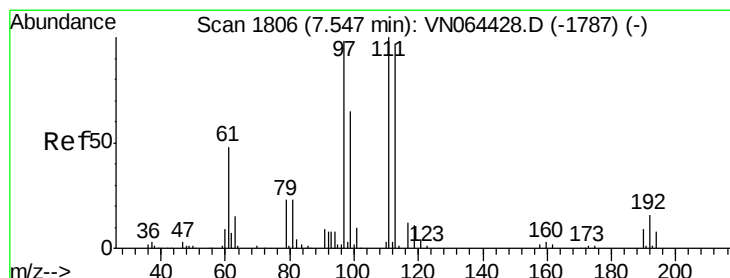
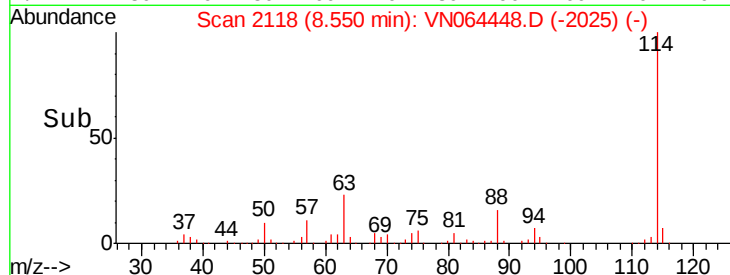
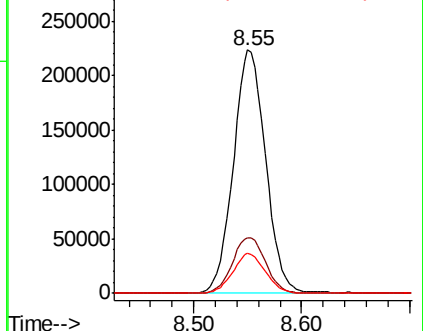
88 16.5 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.910 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

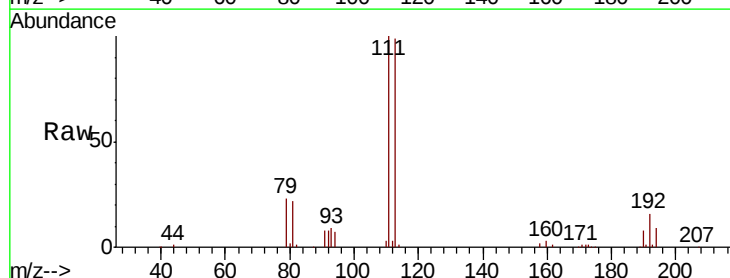
Tgt Ion:113 Resp: 161451

Ion Ratio Lower Upper

113 100

111 99.7 81.1 121.7

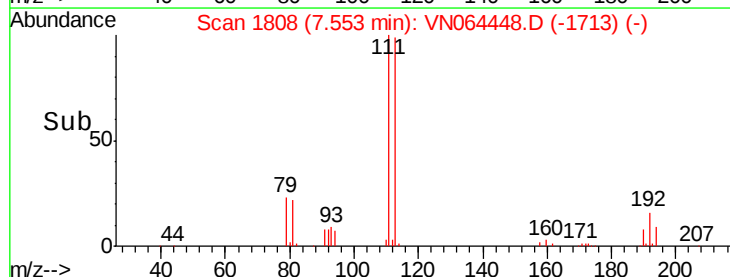
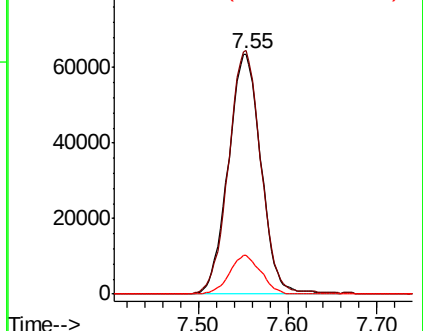
192 15.6 12.8 19.2

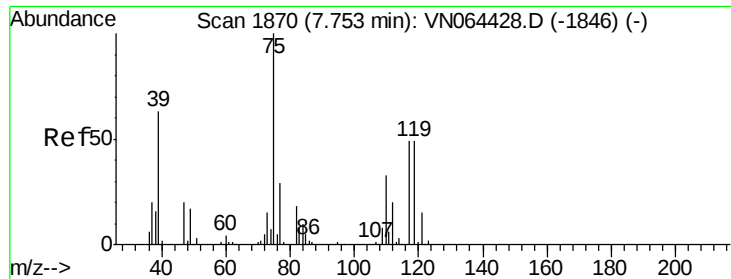


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.719 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

Instrument :

MSVOA\_N

ClientSampleId :

PB132810ZHE#03

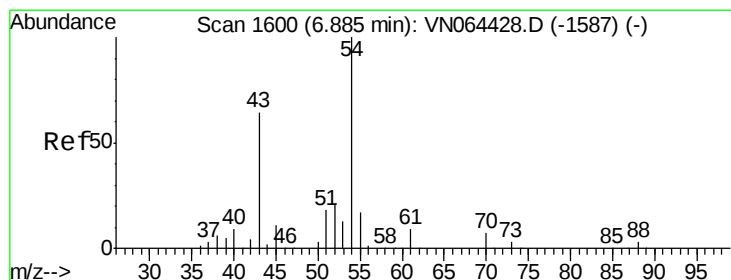
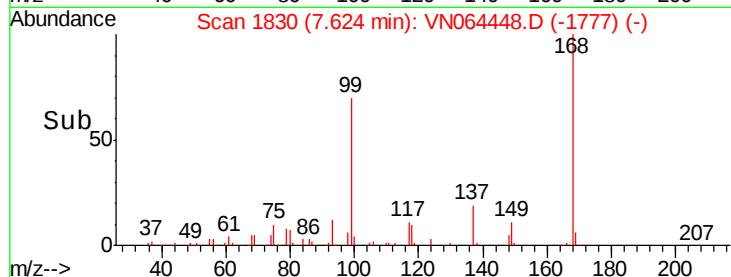
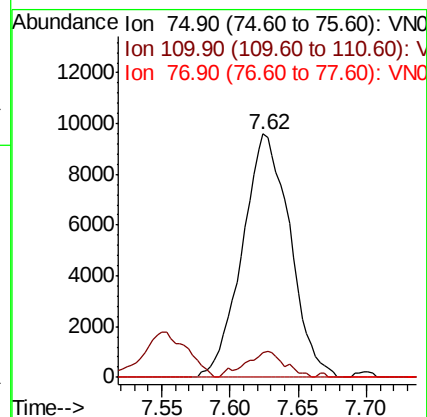
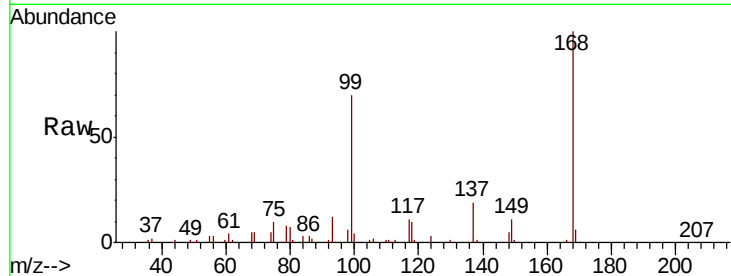
Tot Ion: 75 Resp: 23219

Ion Ratio Lower Upper

75 100

110 8.7 16.0 48.0#

77 0.0 24.0 36.0#



#37

Ethyl Acetate

Concen: 0.851 ug/l

RT: 6.90 min Scan# 1605

Delta R.T. 0.02 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

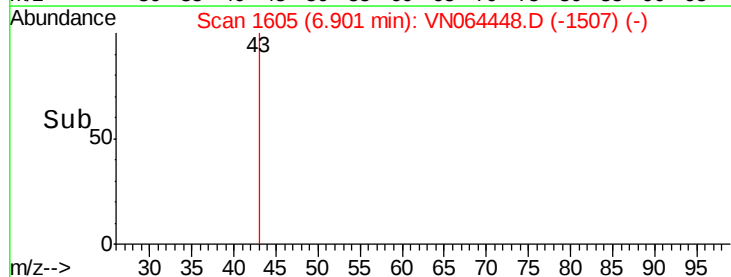
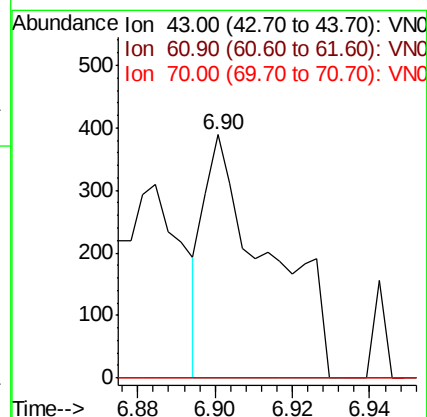
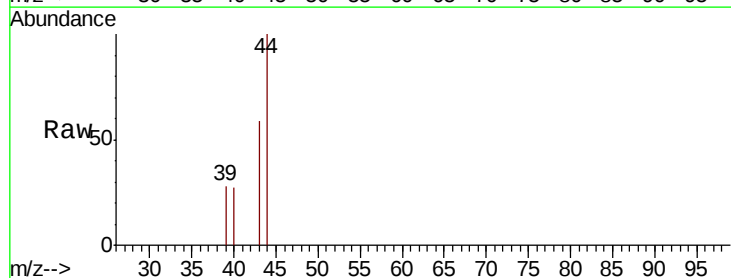
Tgt Ion: 43 Resp: 448

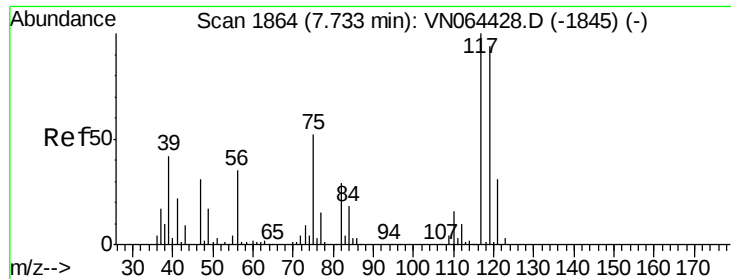
Ion Ratio Lower Upper

43 100

61 0.0 10.0 15.0#

70 0.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 5.082 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.10 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

Instrument :

MSVOA\_N

ClientSampleId :

PB132810ZHE#03

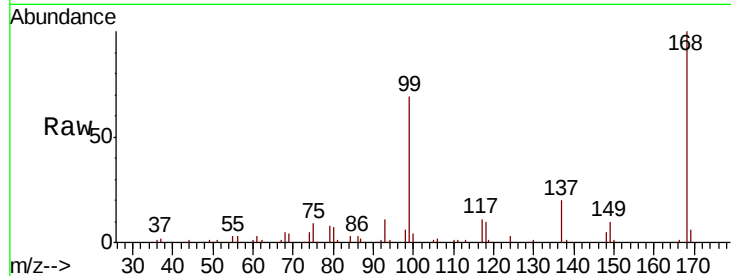
Tot Ion:117 Resp: 26724

Ion Ratio Lower Upper

117 100

119 4.6 75.5 113.3#

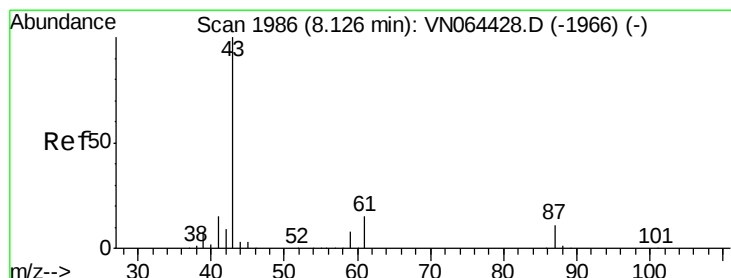
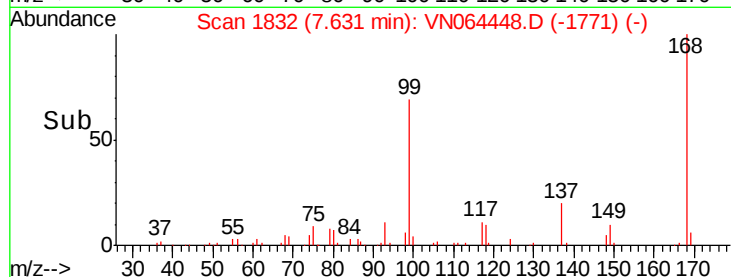
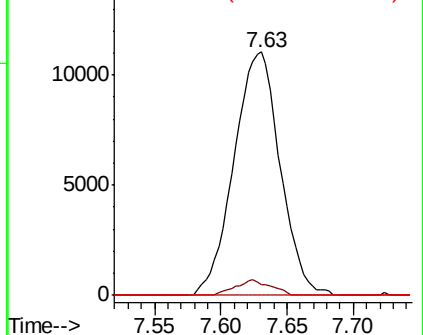
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 12.865 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

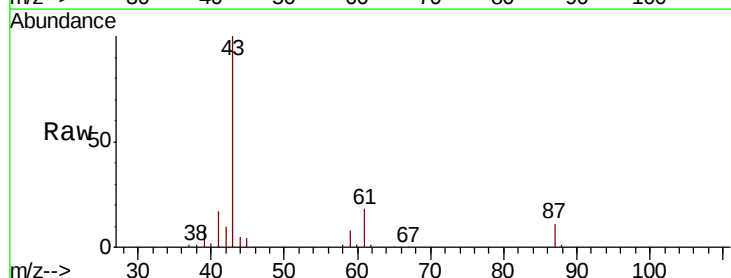
Tgt Ion: 43 Resp: 102588

Ion Ratio Lower Upper

43 100

61 17.8 14.0 21.0

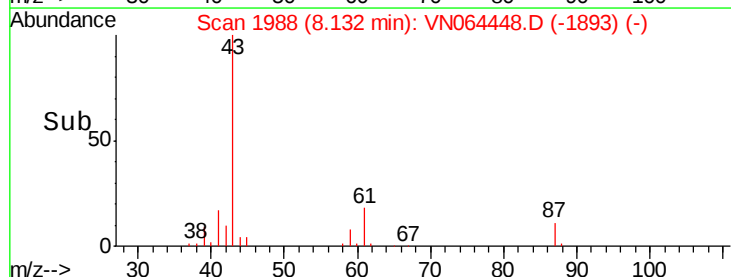
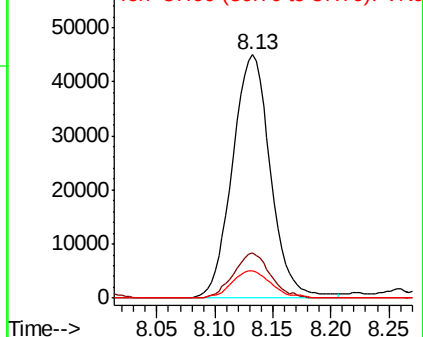
87 11.5 9.1 13.7

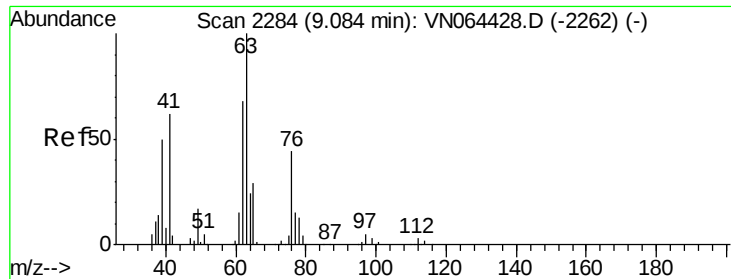


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

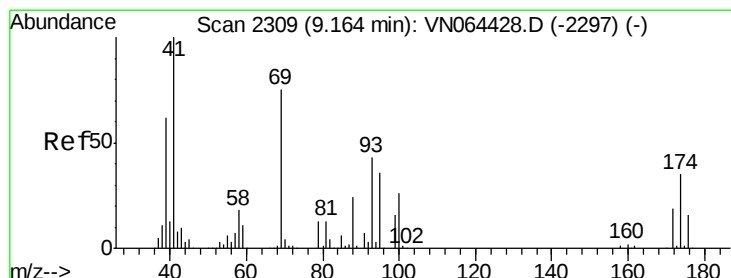
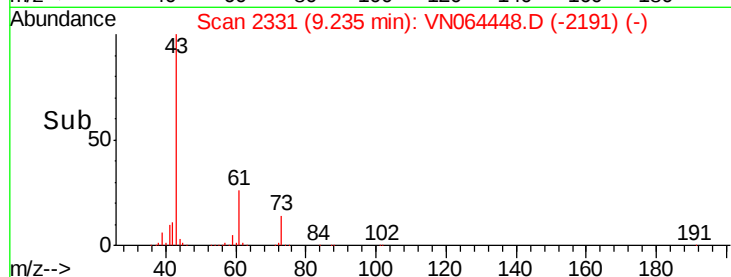
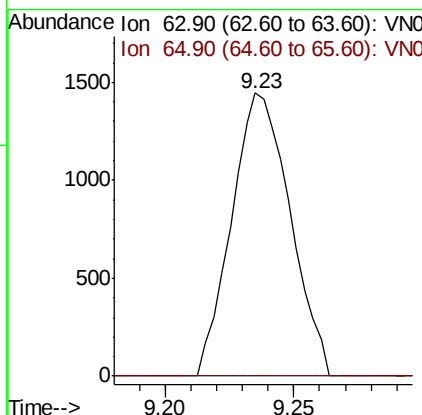
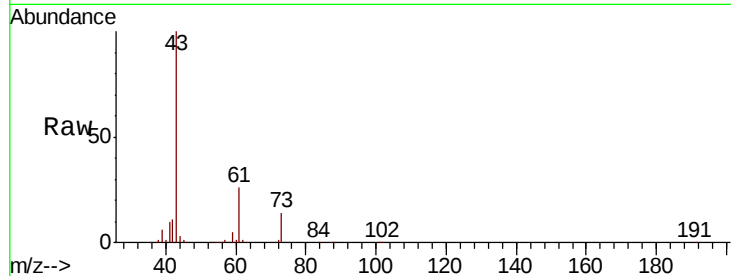




#45  
 1,2-Dichloropropane  
 Concen: 0.591 ug/l  
 RT: 9.23 min Scan# 2331  
 Delta R.T. 0.15 min  
 Lab File: VN064448.D  
 Acq: 4 Nov 2020 20:03

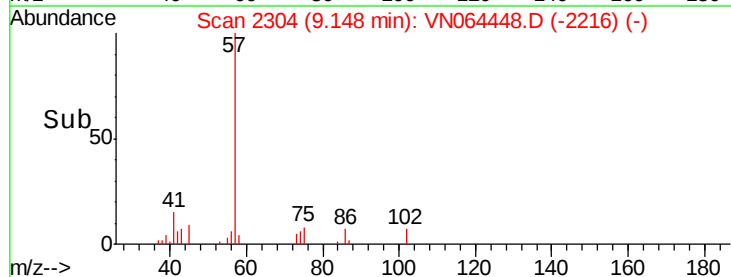
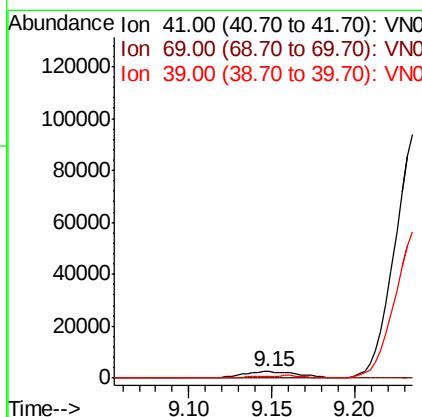
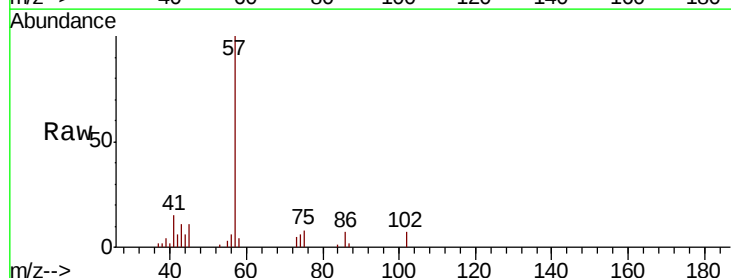
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132810ZHE#03

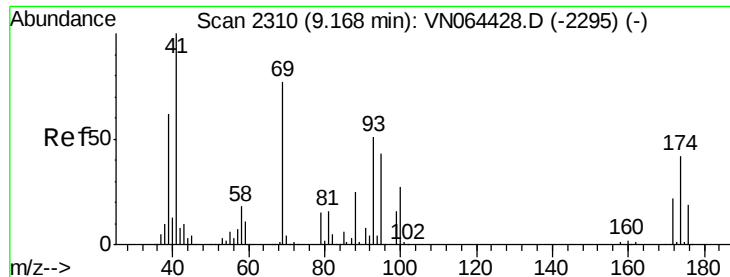
Tot Ion: 63 Resp: 2281  
 Ion Ratio Lower Upper  
 63 100  
 65 0.0 23.6 35.4#



#48  
 Methyl methacrylate  
 Concen: 1.516 ug/l  
 RT: 9.15 min Scan# 2304  
 Delta R.T. -0.02 min  
 Lab File: VN064448.D  
 Acq: 4 Nov 2020 20:03

Tgt Ion: 41 Resp: 6102  
 Ion Ratio Lower Upper  
 41 100  
 69 0.0 60.4 90.6#  
 39 0.0 51.2 76.8#





#49

1,4-Dioxane

Concen: 0.566 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

Instrument :

MSVOA\_N

ClientSampleId :

PB132810ZHE#03

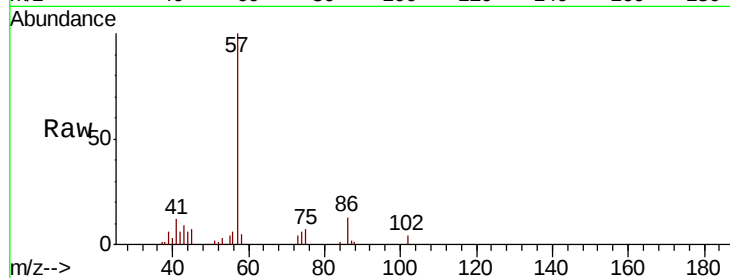
Tot Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.6#

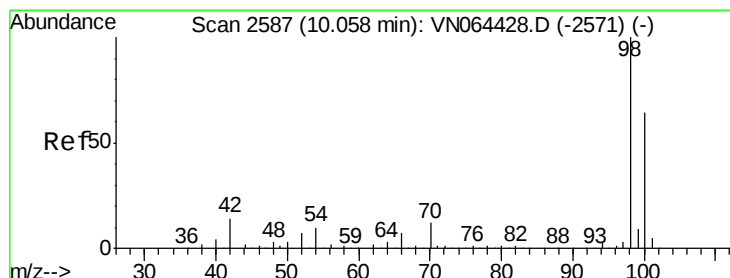
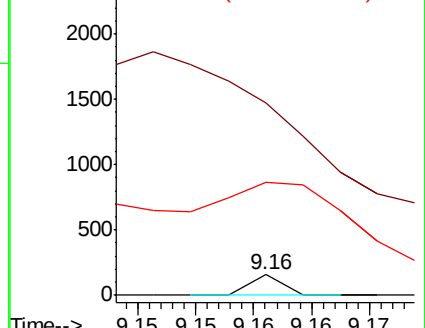
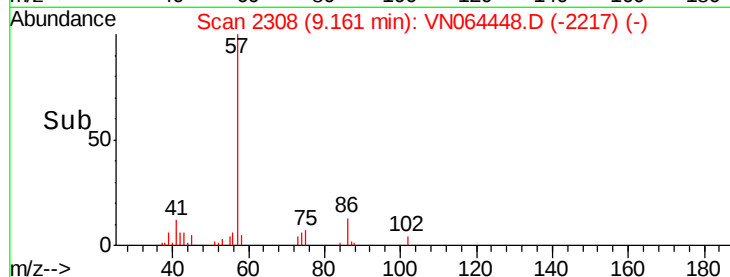
58 2560.0 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.902 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064448.D

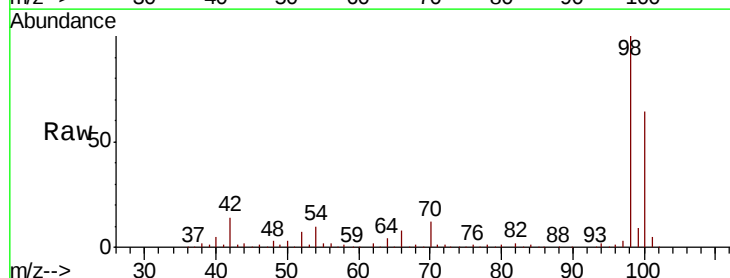
Acq: 4 Nov 2020 20:03

Tgt Ion: 98 Resp: 623920

Ion Ratio Lower Upper

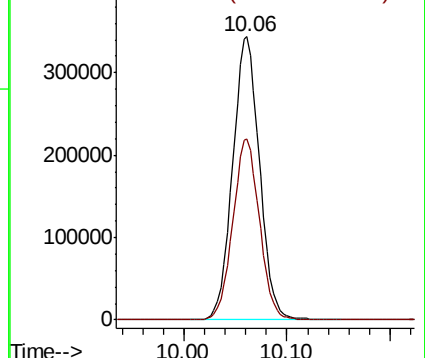
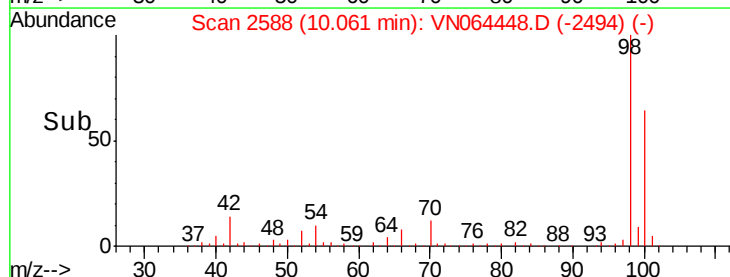
98 100

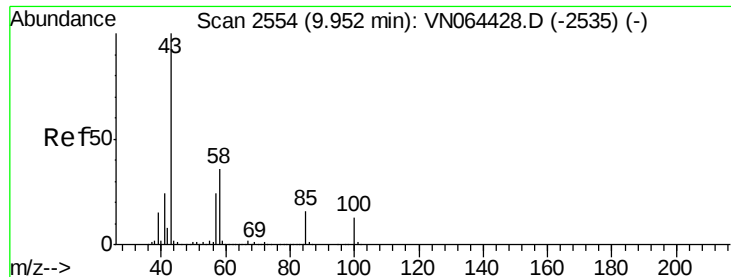
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

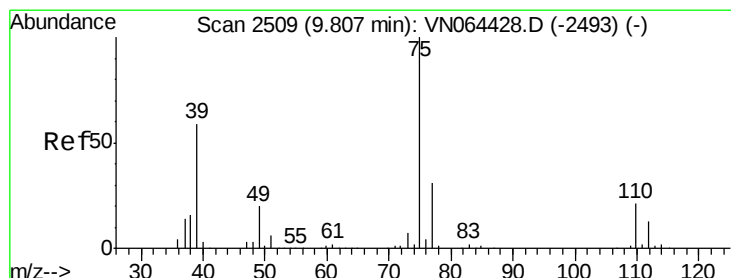
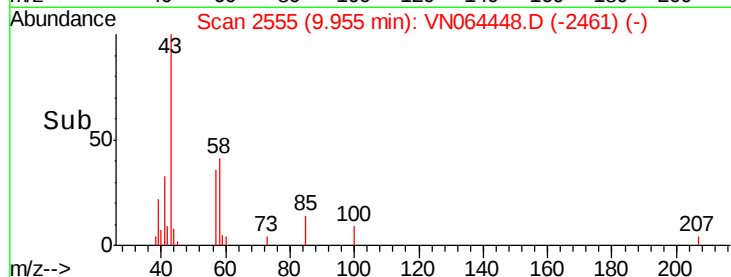
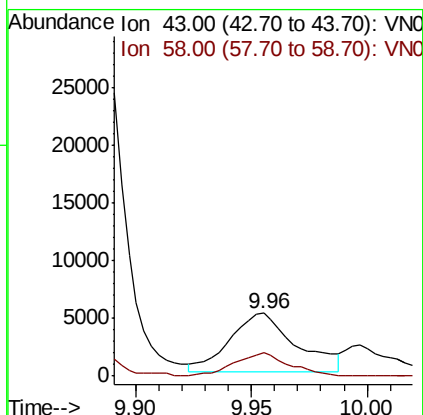
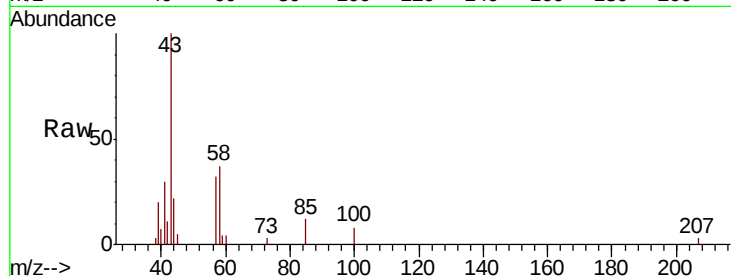




#51  
4-Methyl-2-Pentanone  
Concen: 2.179 ug/l  
RT: 9.96 min Scan# 2555  
Delta R.T. 0.00 min  
Lab File: VN064448.D  
Acq: 4 Nov 2020 20:03

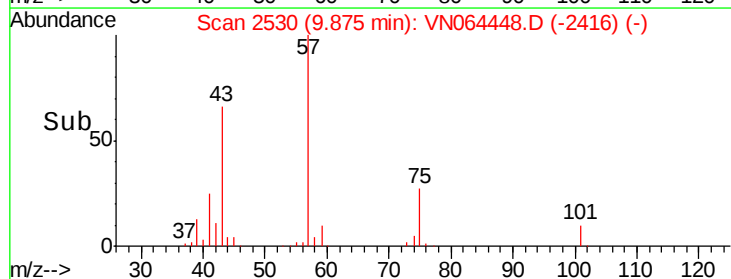
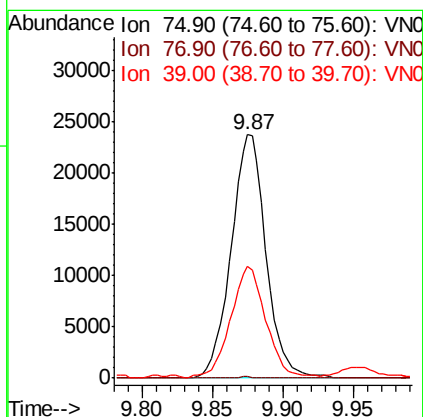
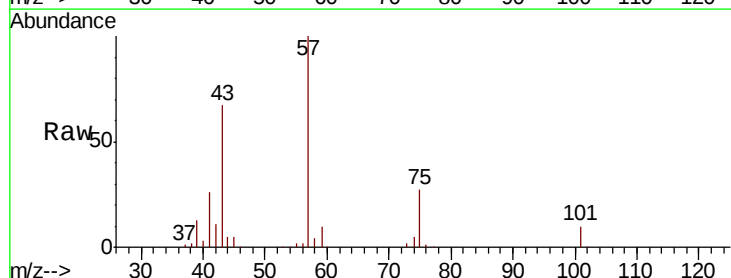
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132810ZHE#03

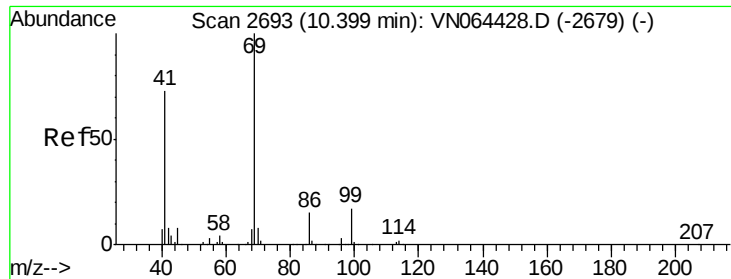
Tot Ion: 43 Resp: 10134  
Ion Ratio Lower Upper  
43 100  
58 33.0 28.4 42.6



#54  
cis-1,3-Dichloropropene  
Concen: 6.638 ug/l  
RT: 9.87 min Scan# 2530  
Delta R.T. 0.07 min  
Lab File: VN064448.D  
Acq: 4 Nov 2020 20:03

Tgt Ion: 75 Resp: 41090  
Ion Ratio Lower Upper  
75 100  
77 0.6 24.9 37.3#  
39 46.2 47.1 70.7#





#56

Ethyl methacrylate

Concen: 2.225 ug/l

RT: 10.52 min Scan# 2730

Delta R.T. 0.12 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

Instrument :

MSVOA\_N

ClientSampleId :

PB132810ZHE#03

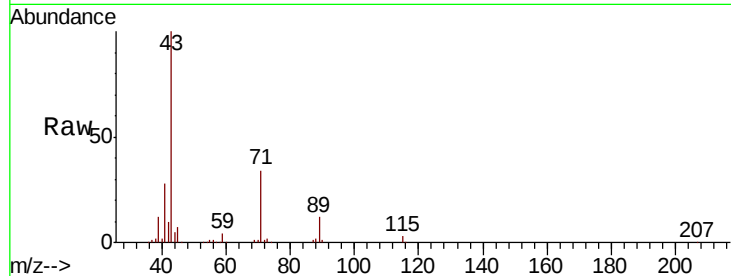
Tot Ion: 69 Resp: 2254

Ion Ratio Lower Upper

69 100

41 4840.0 59.3 88.9#

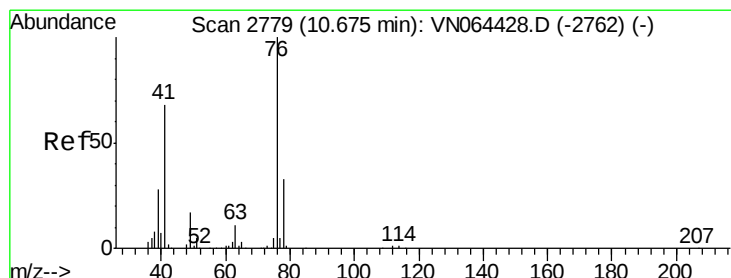
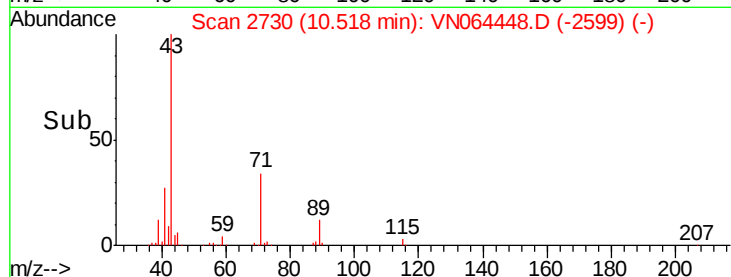
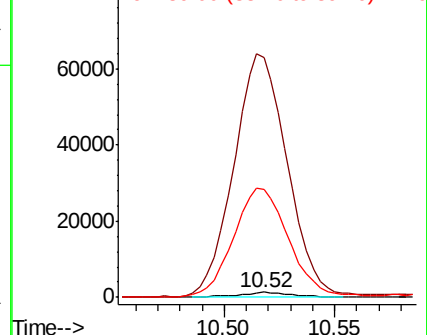
39 2217.4 35.4 53.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.227 ug/l

RT: 10.74 min Scan# 2799

Delta R.T. 0.06 min

Lab File: VN064448.D

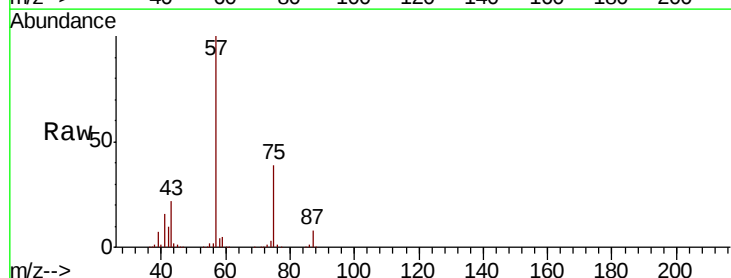
Acq: 4 Nov 2020 20:03

Tgt Ion: 76 Resp: 7367

Ion Ratio Lower Upper

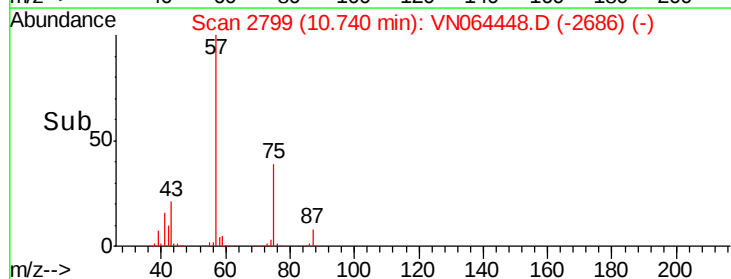
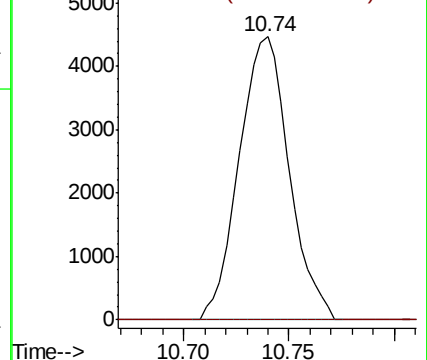
76 100

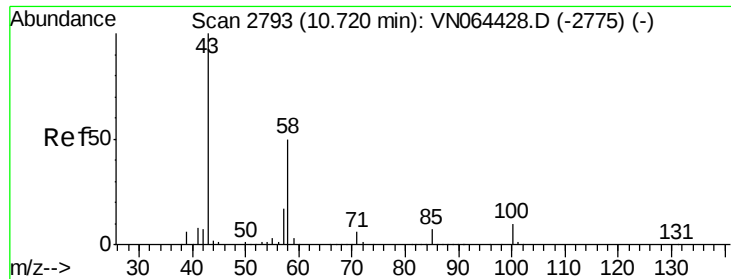
78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

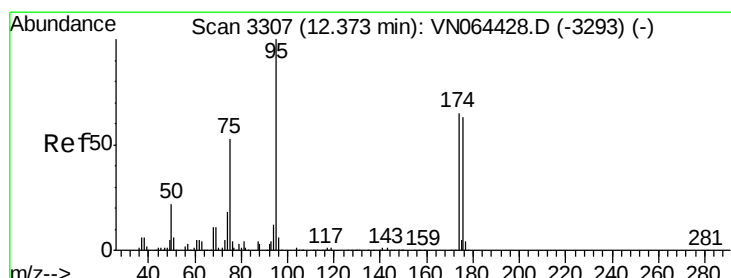
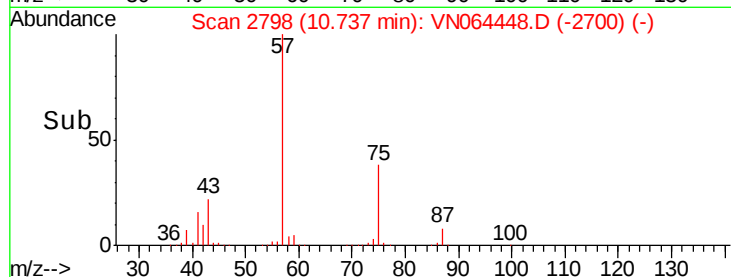
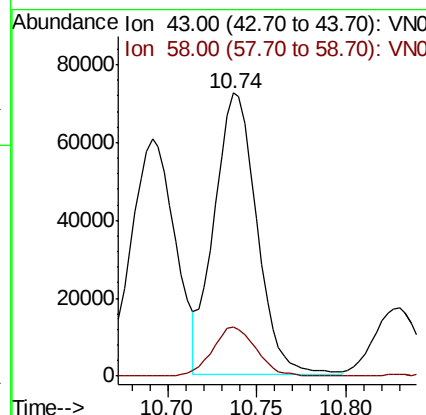
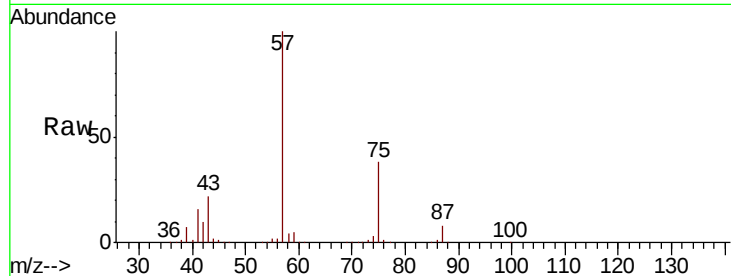




#59  
2-Hexanone  
Concen: 35.002 ug/l  
RT: 10.74 min Scan# 2798  
Delta R.T. 0.02 min  
Lab File: VN064448.D  
Acq: 4 Nov 2020 20:03

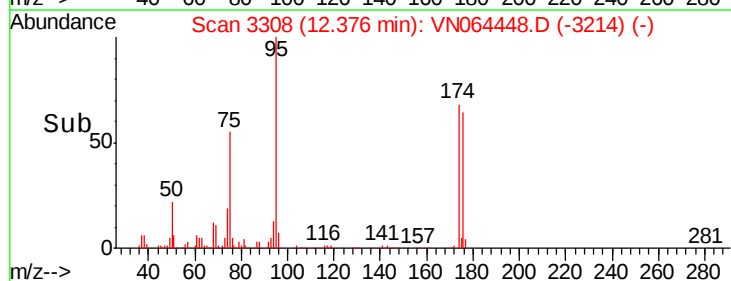
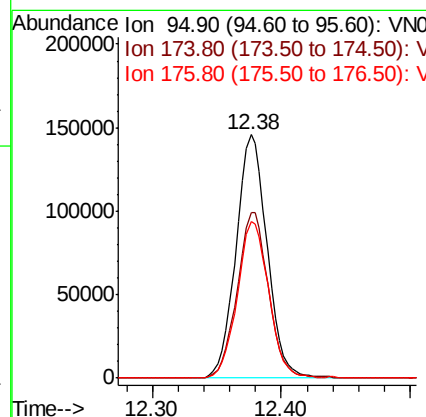
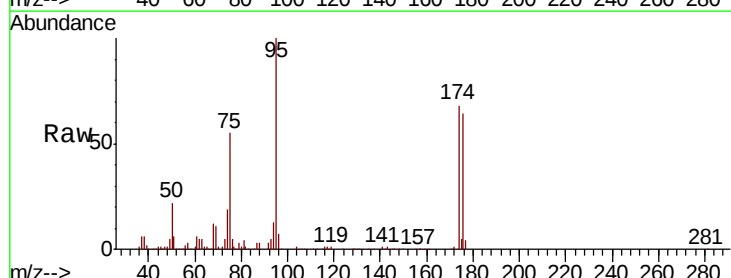
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132810ZHE#03

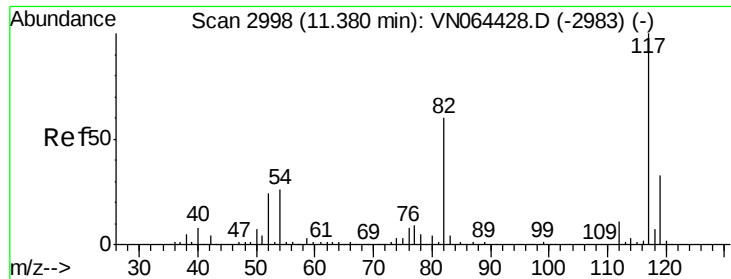
Tot Ion: 43 Resp: 119379  
Ion Ratio Lower Upper  
43 100  
58 18.0 24.7 74.1#



#62  
4-Bromofluorobenzene  
Concen: 52.704 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. 0.00 min  
Lab File: VN064448.D  
Acq: 4 Nov 2020 20:03

Tgt Ion: 95 Resp: 244309  
Ion Ratio Lower Upper  
95 100  
174 68.6 0.0 132.6  
176 64.7 0.0 129.2

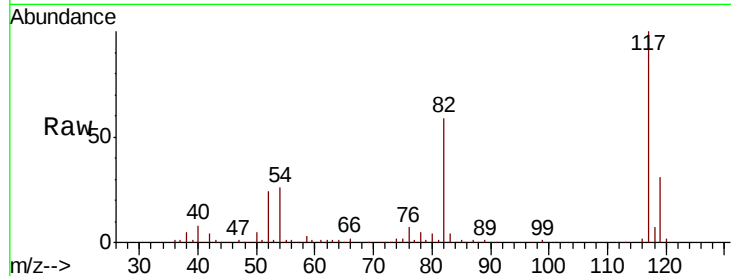




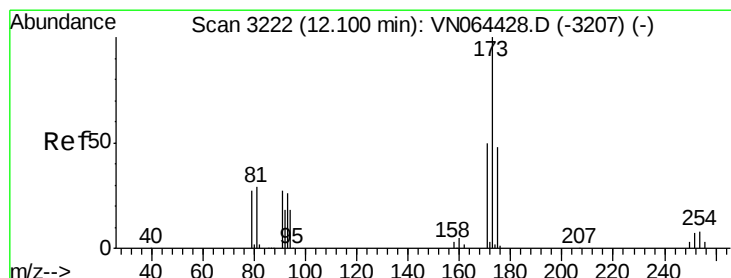
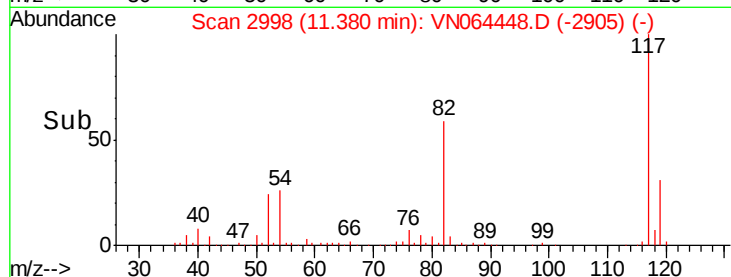
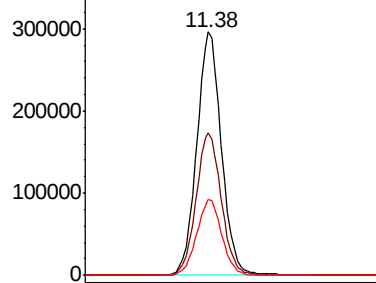
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN064448.D  
Acq: 4 Nov 2020 20:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132810ZHE#03

Tot Ion:117 Resp: 505338  
Ion Ratio Lower Upper  
117 100  
82 58.6 48.1 72.1  
119 31.1 26.2 39.4

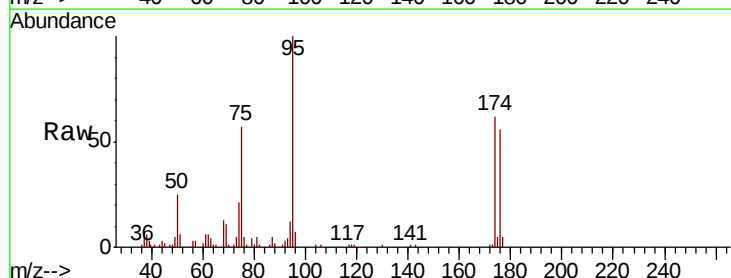


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

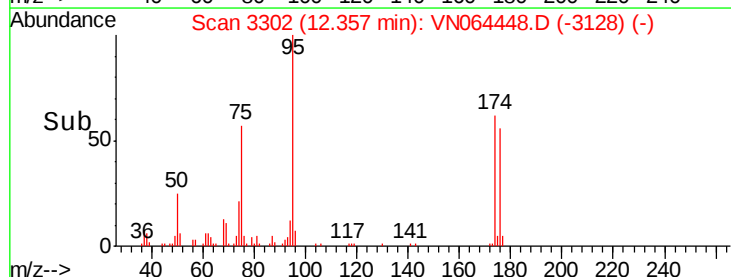
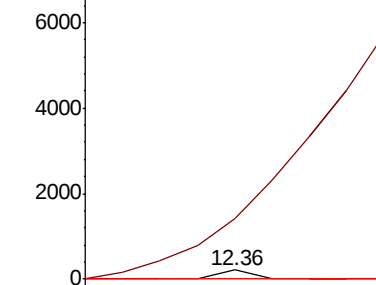


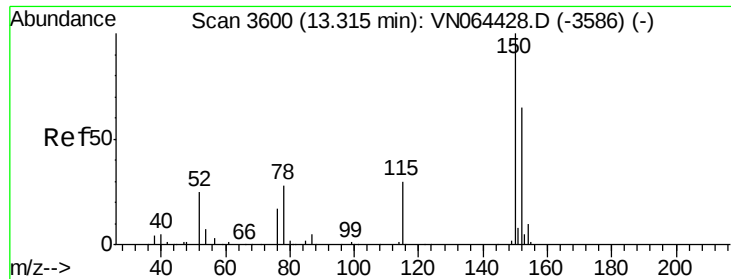
#71  
Bromoform  
Concen: 1.288 ug/l  
RT: 12.36 min Scan# 3302  
Delta R.T. 0.26 min  
Lab File: VN064448.D  
Acq: 4 Nov 2020 20:03

Tgt Ion:173 Resp: 40  
Ion Ratio Lower Upper  
173 100  
175 0.0 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# 3601

Delta R.T. 0.00 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

Instrument :

MSVOA\_N

ClientSampleId :

PB132810ZHE#03

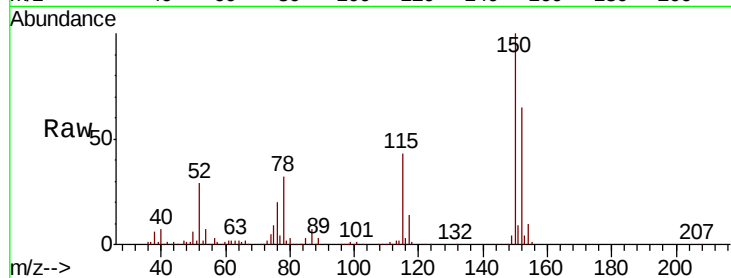
Tot Ion:152 Resp: 185427

Ion Ratio Lower Upper

152 100

115 65.9 32.0 96.0

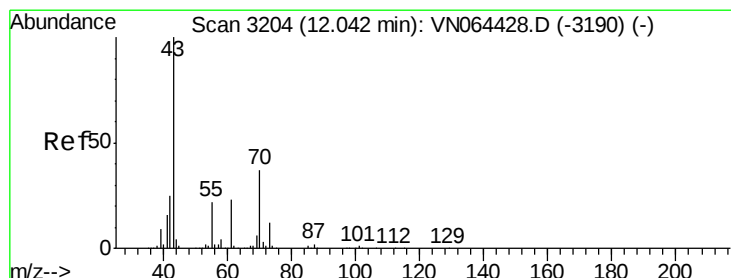
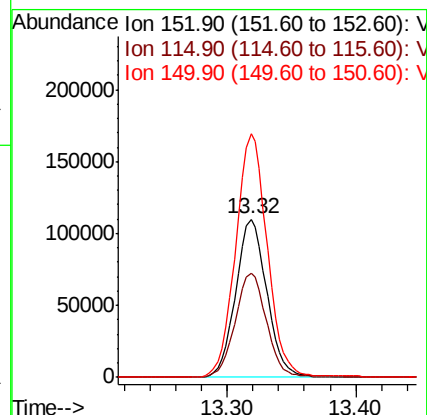
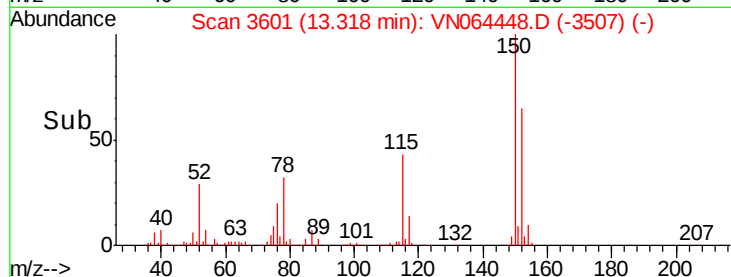
150 155.6 0.0 353.8



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



#74

N-ethyl acetate

Concen: 1.856 ug/l

RT: 12.02 min Scan# 3196

Delta R.T. -0.03 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

Tgt Ion: 43 Resp: 4699

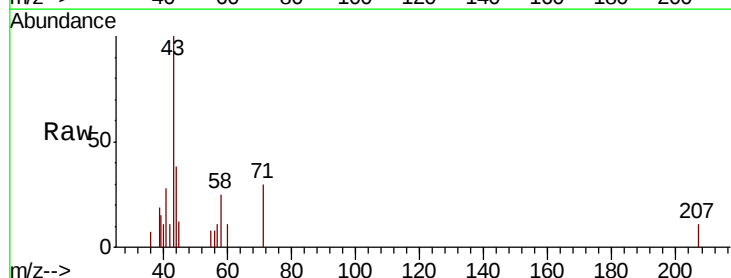
Ion Ratio Lower Upper

43 100

70 0.0 29.6 44.4#

55 9.8 18.4 27.6#

61 0.0 17.8 26.6#

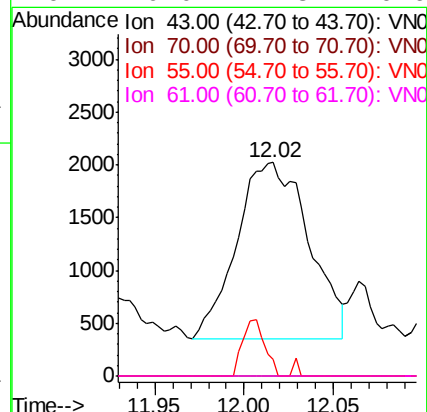
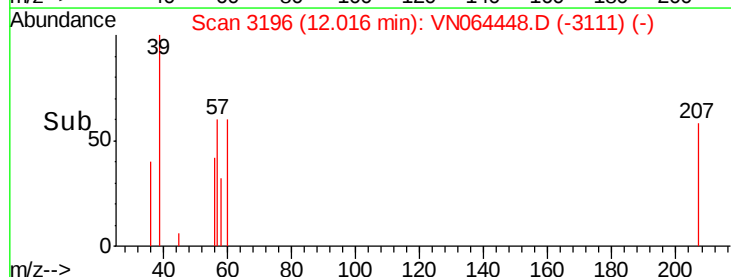


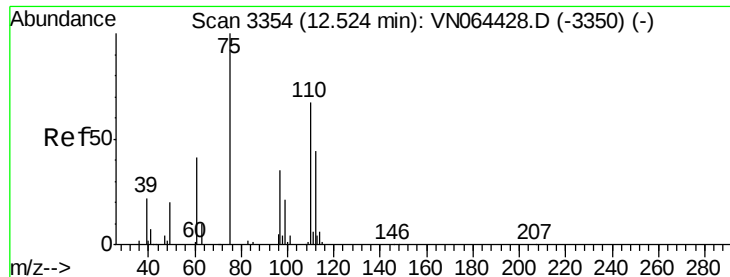
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 30.196 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

Instrument :

MSVOA\_N

ClientSampleId :

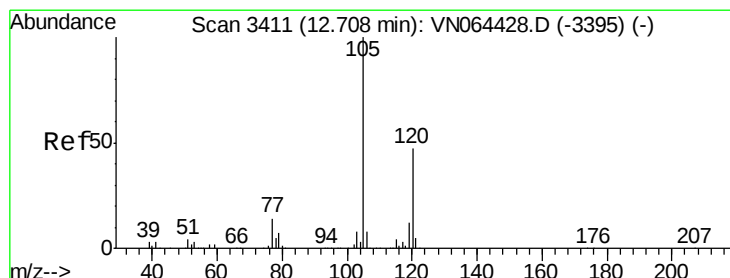
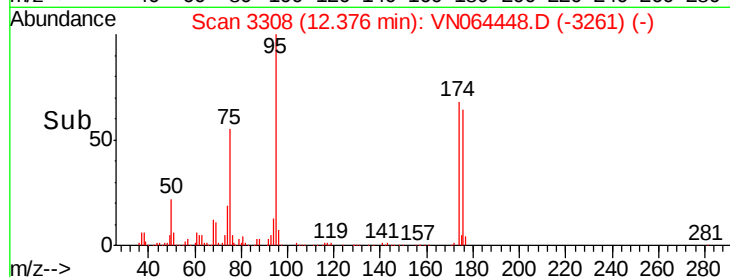
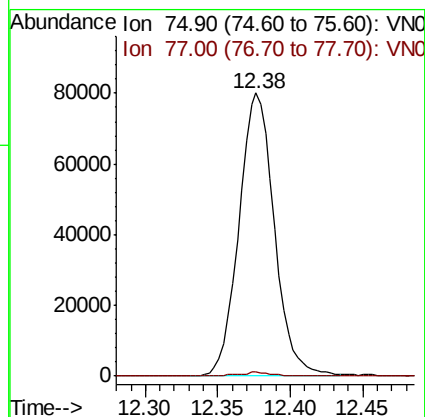
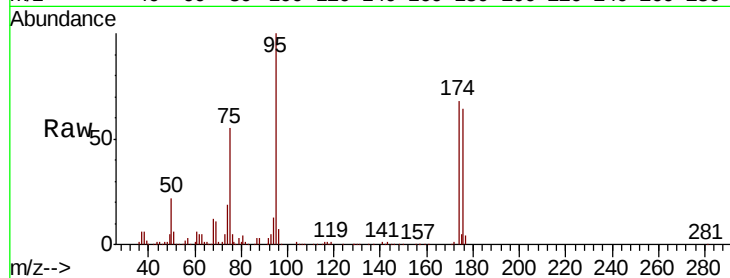
PB132810ZHE#03

Tot Ion: 75 Resp: 135663

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.203 ug/l

RT: 12.71 min Scan# 3413

Delta R.T. 0.01 min

Lab File: VN064448.D

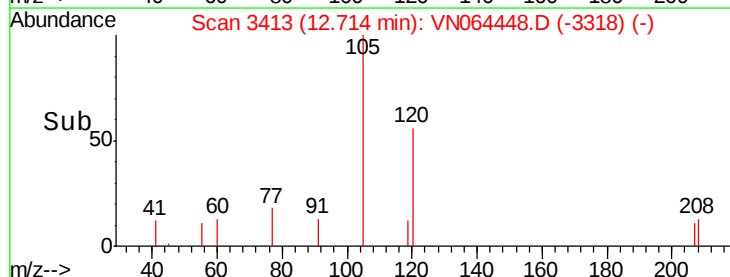
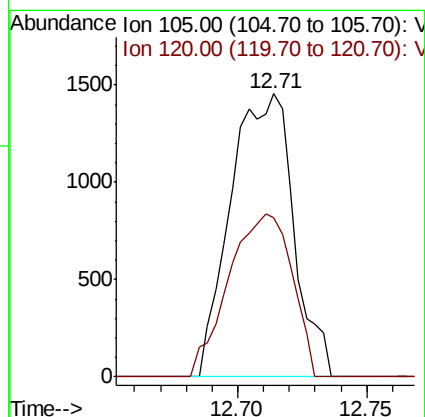
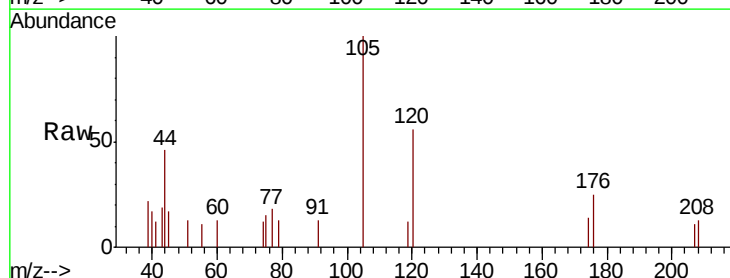
Acq: 4 Nov 2020 20:03

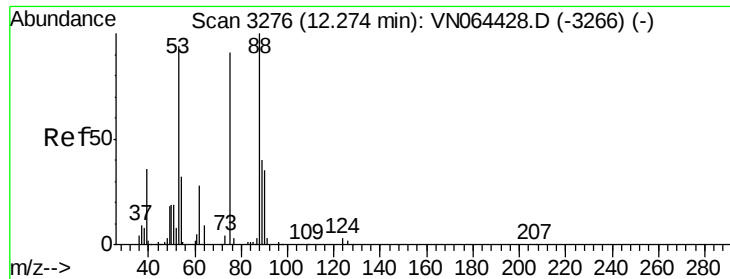
Tgt Ion: 105 Resp: 2469

Ion Ratio Lower Upper

105 100

120 57.8 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 84.311 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064448.D

Acq: 4 Nov 2020 20:03

Instrument :

MSVOA\_N

ClientSampleId :

PB132810ZHE#03

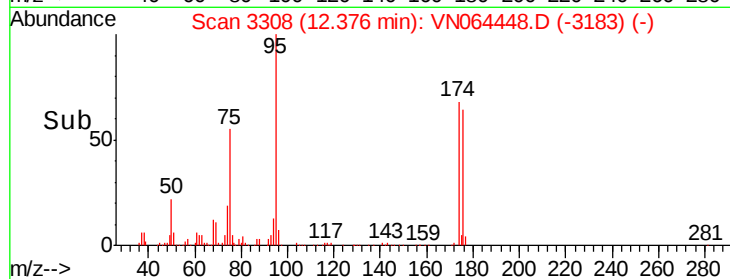
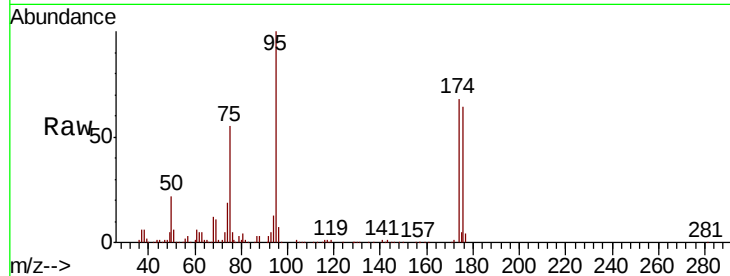
Tot Ion: 75 Resp: 135663

Ion Ratio Lower Upper

75 100

53 0.1 84.0 126.0#

89 0.0 36.3 54.5#



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

