

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\  
 Data File : VN064012.D  
 Acq On : 9 Oct 2020 1:40  
 Operator : JC/MD  
 Sample : PB132189ZHE#01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132189ZHE#01

Quant Time: Oct 09 04:10:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 01:46:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 242727   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 469886   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 487930   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 186608   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 203000   | 50.62 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.24% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 153011   | 46.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.86%  |          |
| 50) Toluene-d8              | 10.06 | 98   | 595476   | 48.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.36%  |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 228949   | 49.28 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.56%  |          |

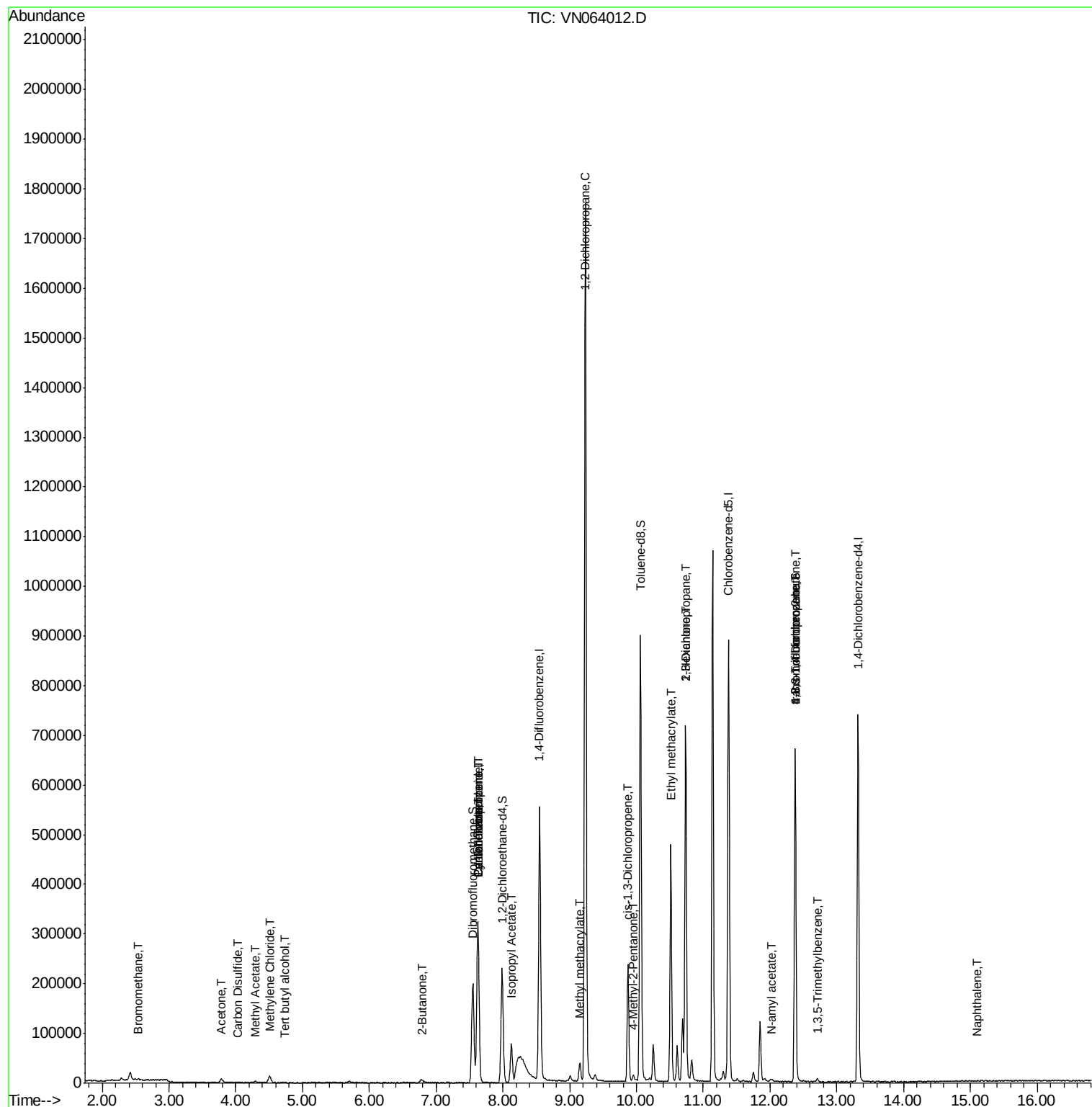
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 5) Bromomethane                | 2.54  | 94   | 490      | 0.258  | ug/l # | 62     |
| 11) Tert butyl alcohol         | 4.73  | 59   | 179      | 0.404  | ug/l # | 71     |
| 16) Acetone                    | 3.79  | 43   | 13810    | 11.188 | ug/l   | 98     |
| 17) Carbon Disulfide           | 4.01  | 76   | 636      | 0.796  | ug/l # | 76     |
| 18) Methyl Acetate             | 4.29  | 43   | 4549     | 1.419  | ug/l # | 86     |
| 20) Methylene Chloride         | 4.51  | 84   | 8950     | 3.257  | ug/l   | 98     |
| 25) 2-Butanone                 | 6.80  | 43   | 3079     | 1.759  | ug/l   | 92     |
| 31) Cyclohexane                | 7.62  | 56   | 6003     | 1.289  | ug/l # | 6      |
| 36) 1,1-Dichloropropene        | 7.62  | 75   | 20896    | 4.390  | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 7.63  | 117  | 28102    | 5.264  | ug/l # | 15     |
| 43) Isopropyl Acetate          | 8.13  | 43   | 94237    | 12.080 | ug/l   | 99     |
| 45) 1,2-Dichloropropane        | 9.23  | 63   | 1763     | 0.480  | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.15  | 41   | 6696     | 1.737  | ug/l # | 13     |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 7985     | 1.744  | ug/l # | 73     |
| 54) cis-1,3-Dichloropropene    | 9.87  | 75   | 38095    | 6.509  | ug/l # | 62     |
| 56) Ethyl methacrylate         | 10.51 | 69   | 2644     | 0.553  | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.74 | 76   | 6818     | 1.195  | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.74 | 43   | 114252   | 33.595 | ug/l # | 54     |
| 74) N-amyl acetate             | 12.01 | 43   | 4600     | 2.911  | ug/l # | 49     |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75   | 120786   | 29.363 | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.70 | 105  | 3361     | 0.294  | ug/l   | 80     |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 120786   | 84.569 | ug/l # | 6      |
| 95) Naphthalene                | 15.11 | 128  | 431      | 1.966  | ug/l # | 69     |

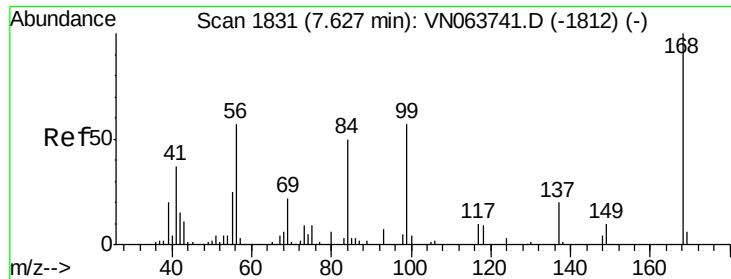
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 09 04:10:58 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 01 01:46:38 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: VN064012.D

Acq: 9 Oct 2020 1:40

Instrument :

MSVOA\_N

ClientSampleId :

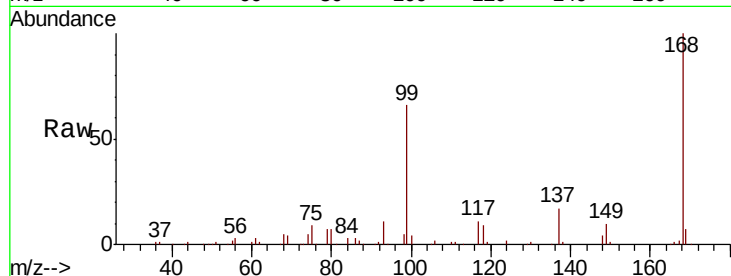
PB132189ZHE#01

Tot Ion:168 Resp: 242727

Ion Ratio Lower Upper

168 100

99 65.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

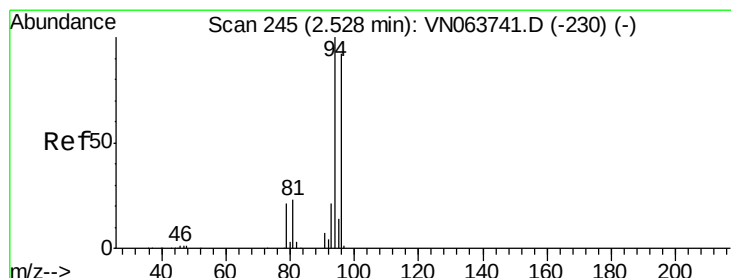
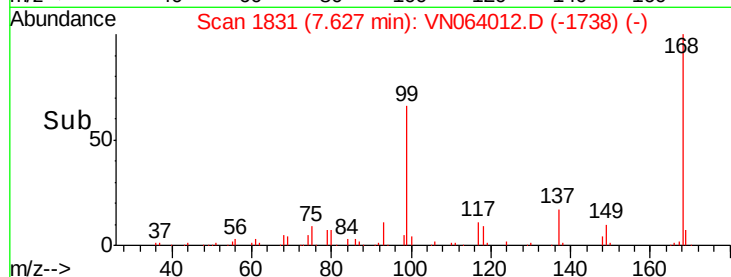
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: 0.258 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064012.D

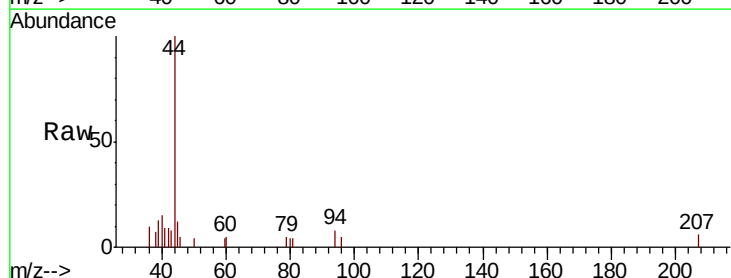
Acq: 9 Oct 2020 1:40

Tgt Ion: 94 Resp: 490

Ion Ratio Lower Upper

94 100

96 55.5 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.54

400

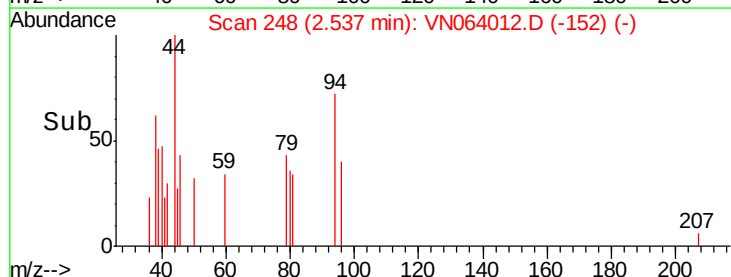
300

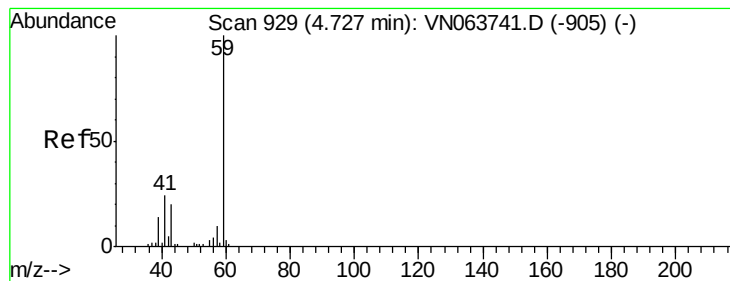
200

100

0

Time--> 2.50 2.52 2.54 2.56



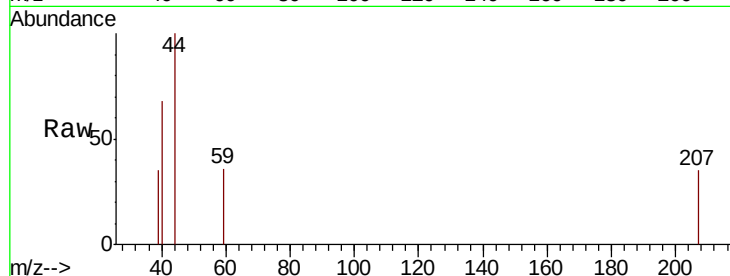


#11

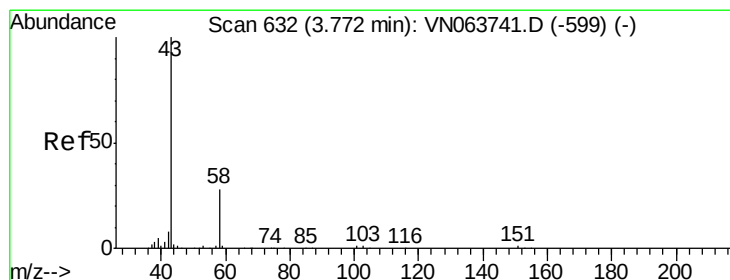
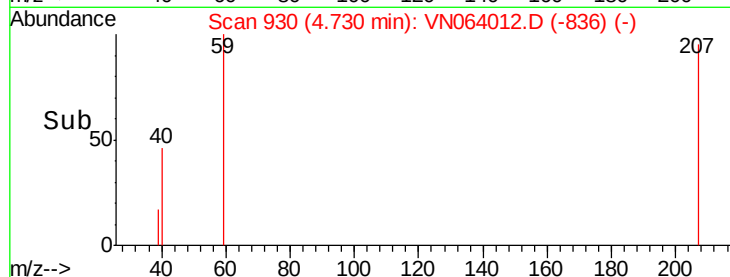
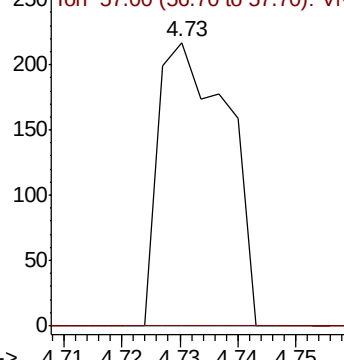
Tert butyl alcohol  
 Concen: 0.404 ug/l  
 RT: 4.73 min Scan# 930  
 Delta R.T. 0.00 min  
 Lab File: VN064012.D  
 Acq: 9 Oct 2020 1:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132189ZHE#01

Tot Ion: 59 Resp: 179  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.7 13.1#



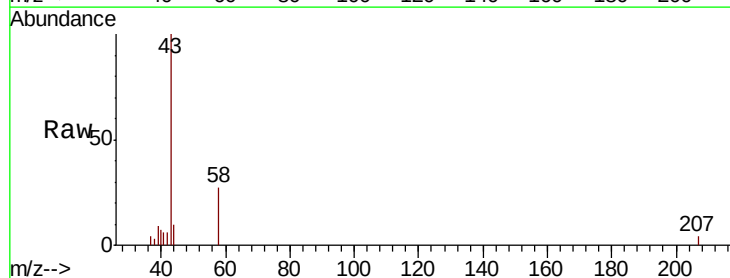
Abundance Ion 59.00 (58.70 to 59.70): VN0  
 Ion 57.00 (56.70 to 57.70): VN0



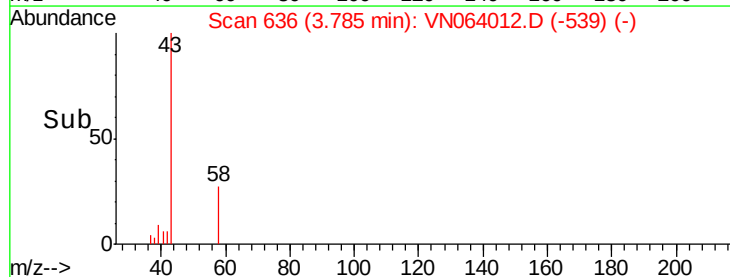
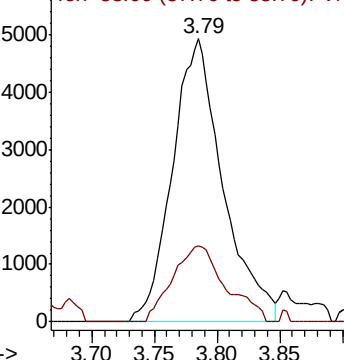
#16

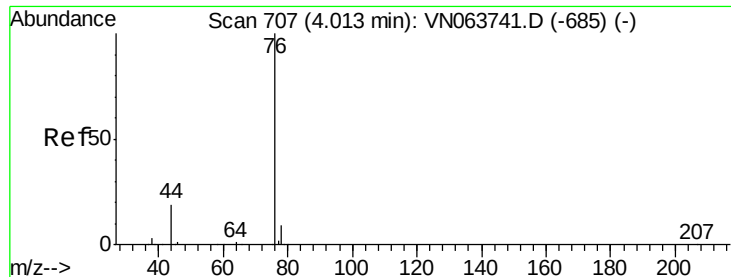
Acetone  
 Concen: 11.188 ug/l  
 RT: 3.79 min Scan# 636  
 Delta R.T. 0.01 min  
 Lab File: VN064012.D  
 Acq: 9 Oct 2020 1:40

Tgt Ion: 43 Resp: 13810  
 Ion Ratio Lower Upper  
 43 100  
 58 26.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.796 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064012.D

Acq: 9 Oct 2020 1:40

Instrument :

MSVOA\_N

ClientSampleId :

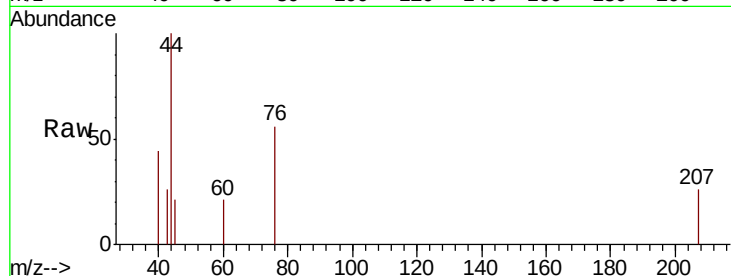
PB132189ZHE#01

Tot Ion: 76 Resp: 636

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

400

300

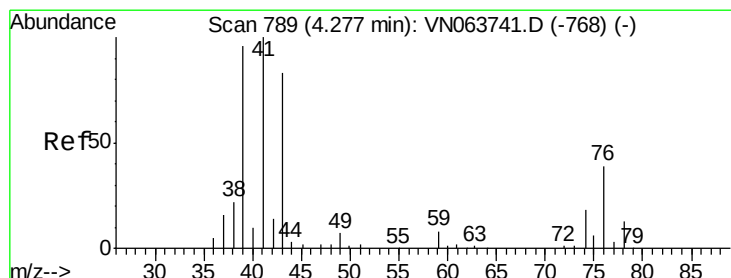
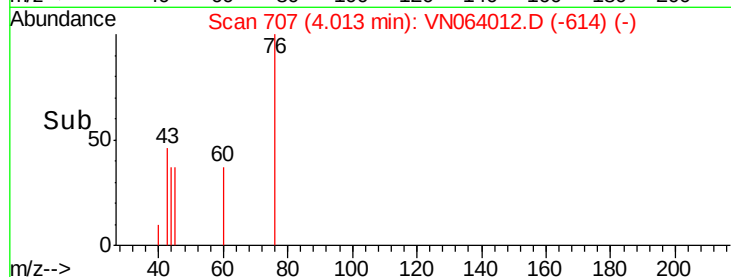
200

100

0

4.00 4.02 4.04 4.06

Time-->



#18

Methyl Acetate

Concen: 1.419 ug/l

RT: 4.29 min Scan# 794

Delta R.T. 0.02 min

Lab File: VN064012.D

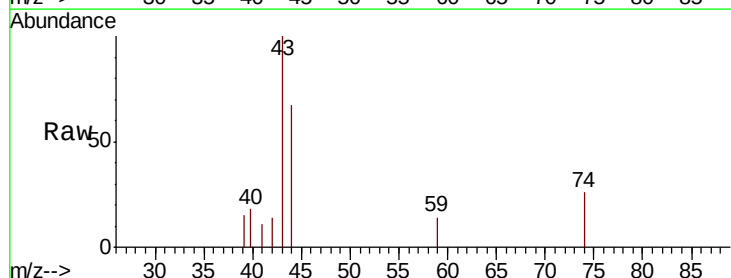
Acq: 9 Oct 2020 1:40

Tgt Ion: 43 Resp: 4549

Ion Ratio Lower Upper

43 100

74 15.3 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

1500

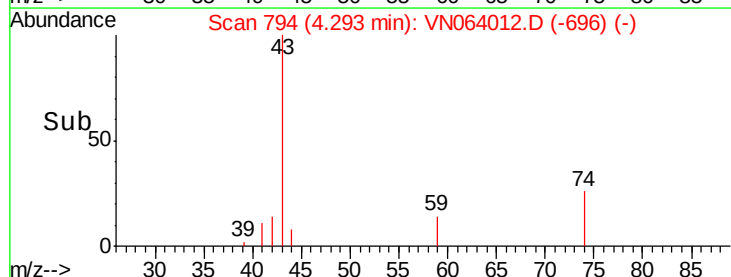
1000

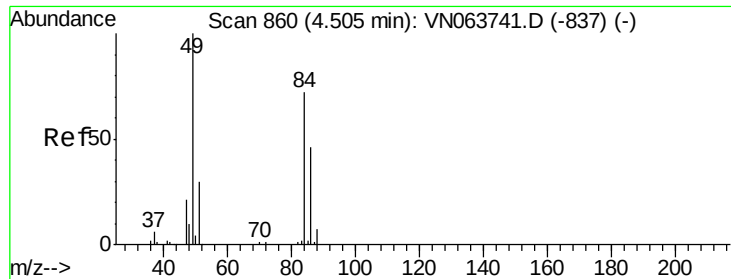
500

0

4.20 4.25 4.30 4.35

Time-->

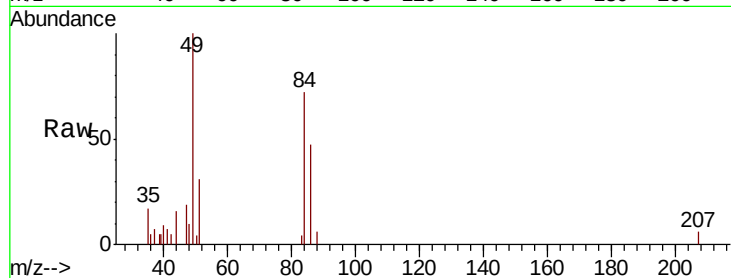




#20  
Methvlene Chloride  
Concen: 3.257 ug/l  
RT: 4.51 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132189ZHE#01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 8950  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 139.1 | 110.4 | 165.6 |
| 51       | 42.8  | 33.3  | 49.9  |
| 86       | 65.8  | 50.7  | 76.1  |



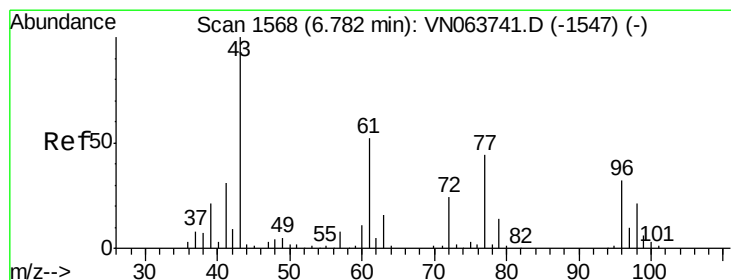
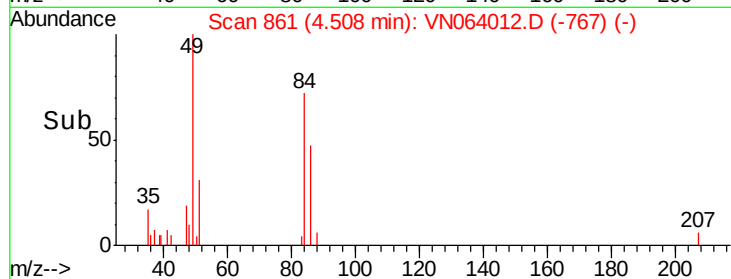
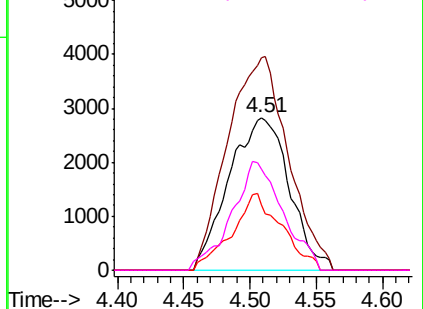
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

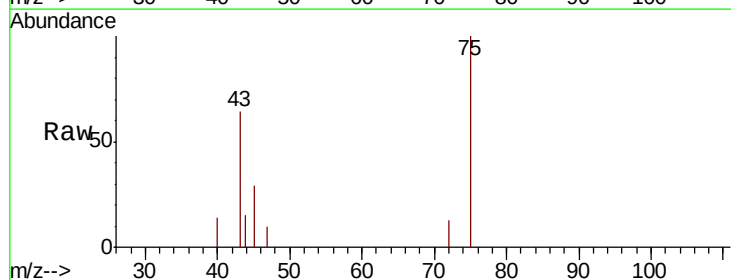
Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25  
2-Butanone  
Concen: 1.759 ug/l  
RT: 6.80 min Scan# 1573  
Delta R.T. 0.02 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

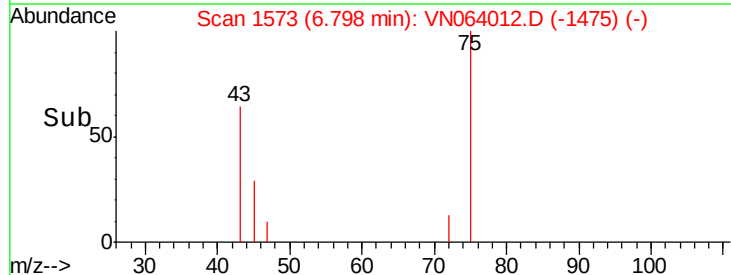
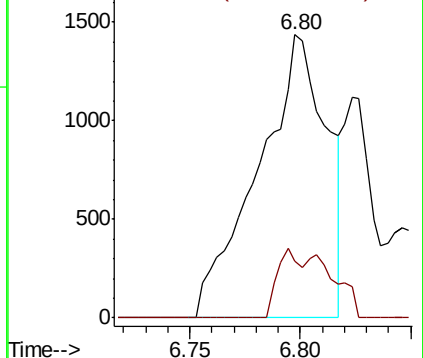
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3079  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 20.1  | 19.3  | 28.9  |

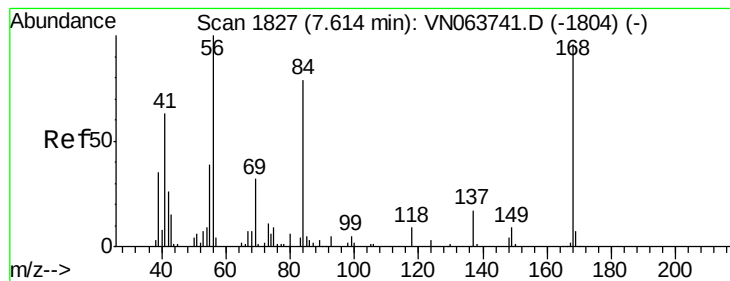


Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO





#31

Cyclohexane

Concen: 1.289 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064012.D

Acq: 9 Oct 2020 1:40

Instrument :

MSVOA\_N

ClientSampleId :

PB132189ZHE#01

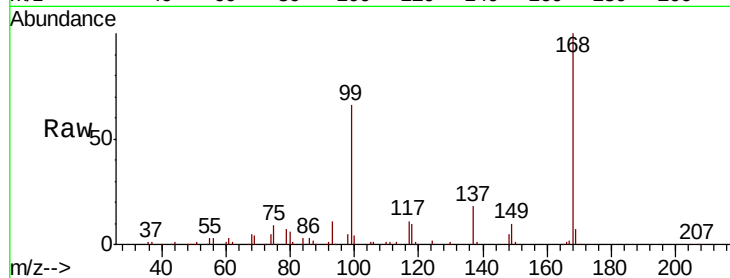
Tot Ion: 56 Resp: 6003

Ion Ratio Lower Upper

56 100

69 162.9 25.4 38.2#

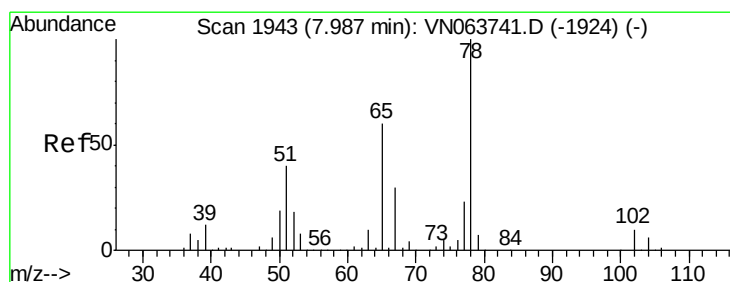
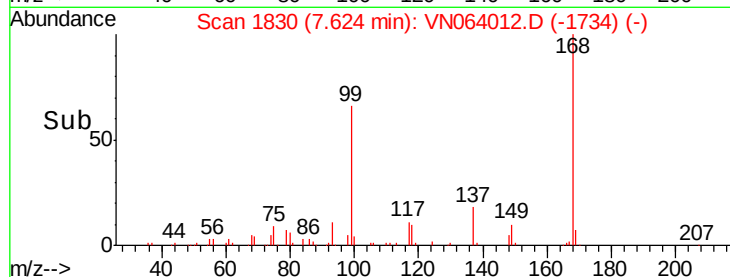
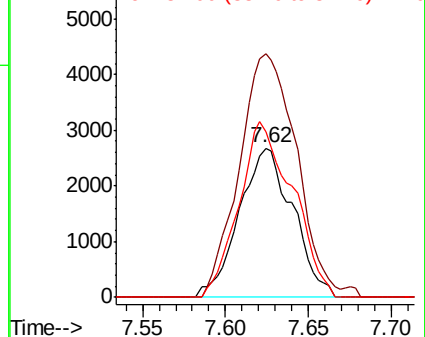
84 111.0 63.3 94.9#



Abundance Ion 56.00 (55.70 to 56.70): VN064012.D (-1830) (-)

Ion 69.00 (68.70 to 69.70): VN064012.D (-1830) (-)

Ion 84.00 (83.70 to 84.70): VN064012.D (-1830) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.623 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064012.D

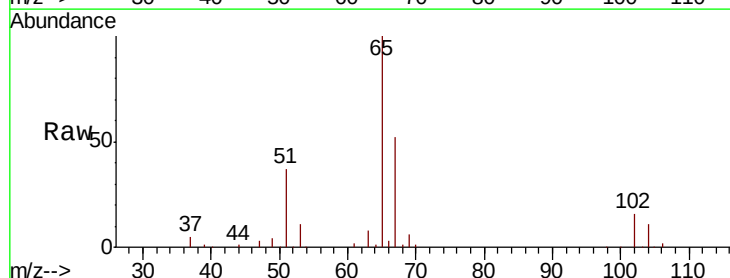
Acq: 9 Oct 2020 1:40

Tgt Ion: 65 Resp: 203000

Ion Ratio Lower Upper

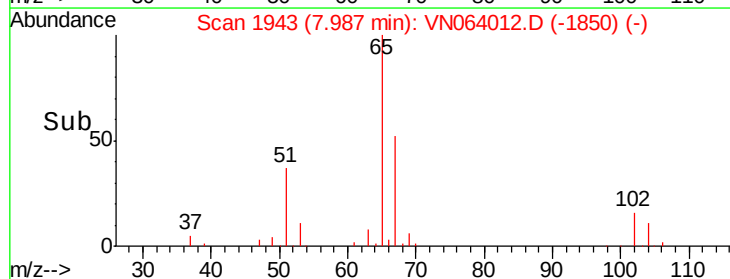
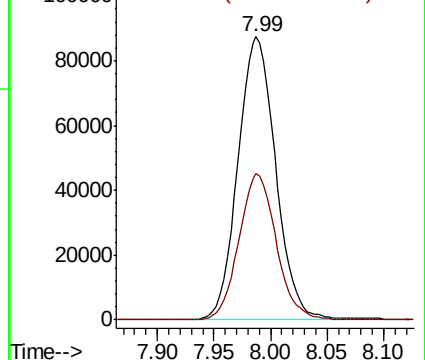
65 100

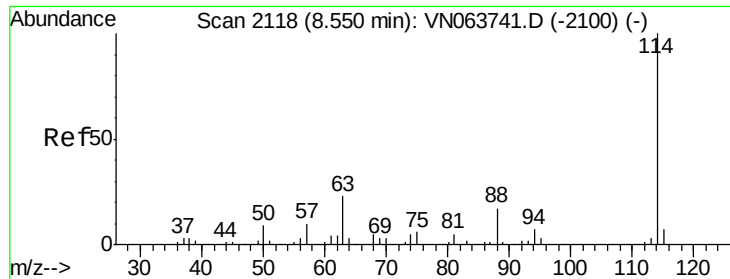
67 51.0 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN064012.D (-1943) (-)

Ion 66.90 (66.60 to 67.60): VN064012.D (-1943) (-)

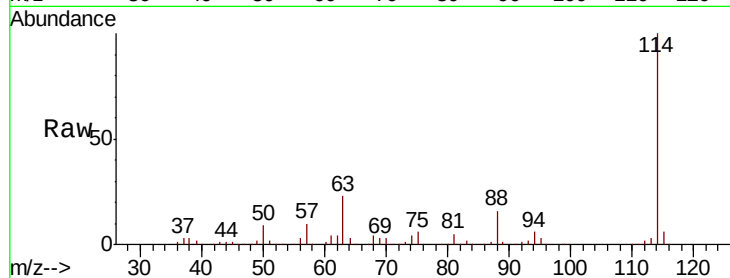




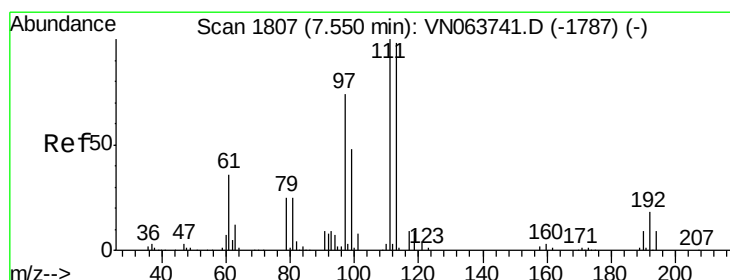
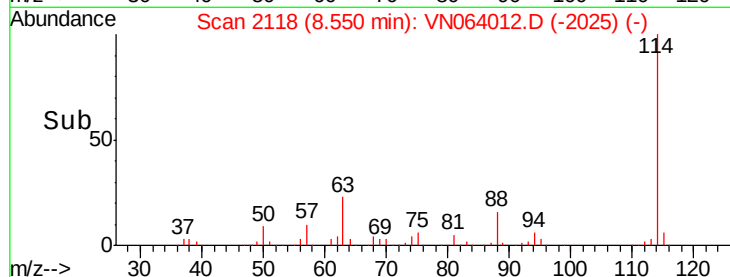
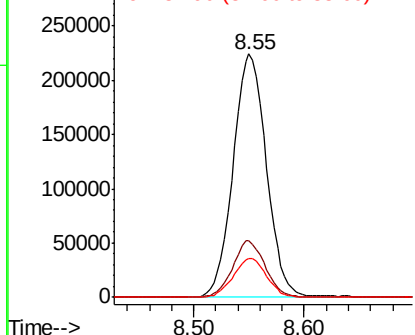
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.55 min Scan# 2118  
Delta R.T. 0.00 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132189ZHE#01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 23.2  | 0.0   | 45.0  |
| 88      | 16.1  | 0.0   | 34.0  |

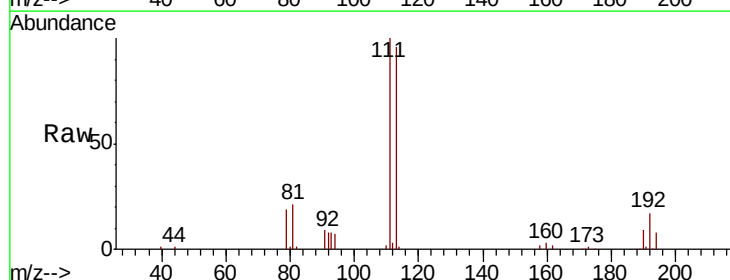


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VN  
Ion 87.90 (87.60 to 88.60): VN

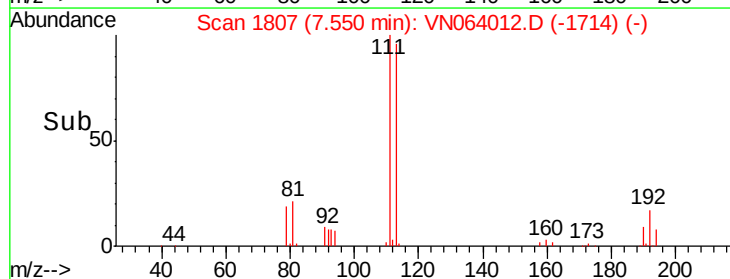
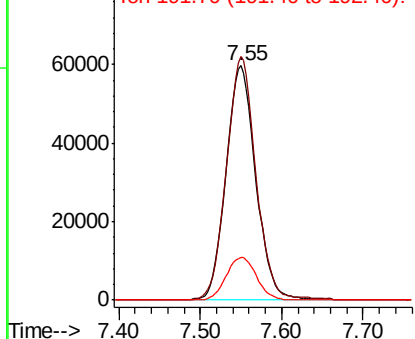


#35  
Dibromofluoromethane  
Concen: 46.930 ug/l  
RT: 7.55 min Scan# 1807  
Delta R.T. 0.00 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

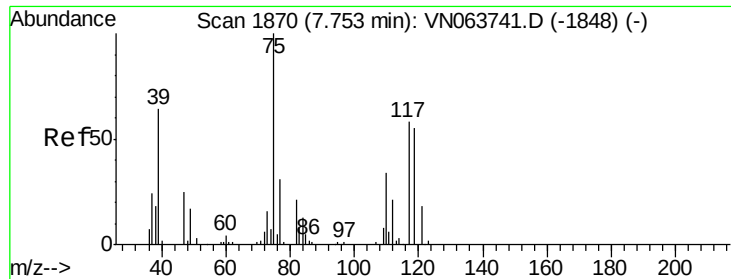
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.8 | 81.8  | 122.8 |
| 192     | 18.5  | 14.2  | 21.2  |



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



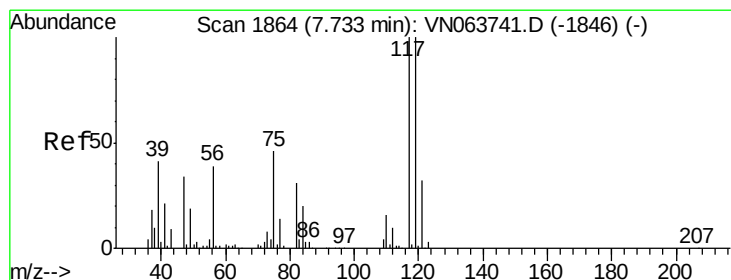
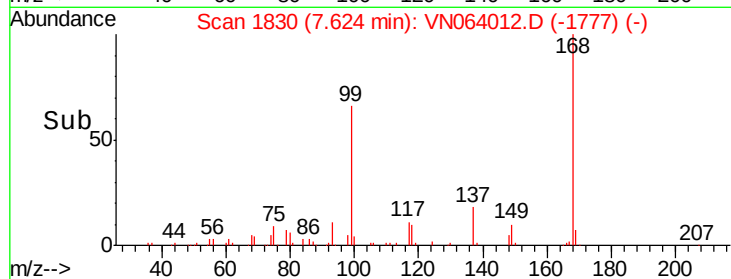
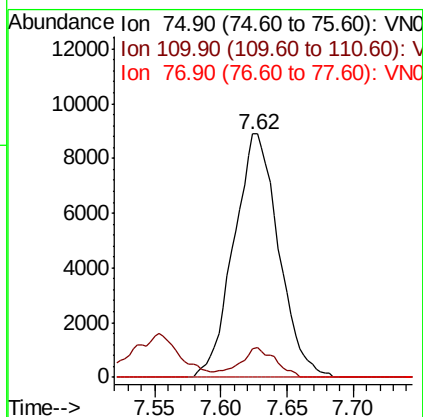
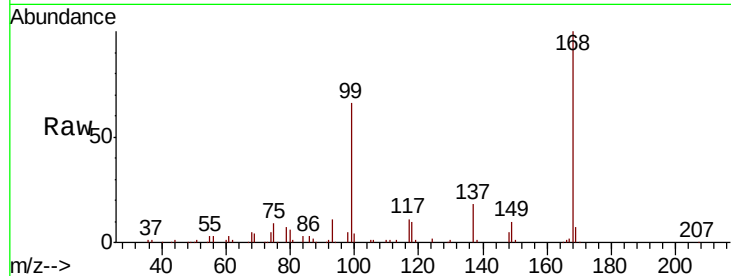




#36  
 1,1-Dichloropropene  
 Concen: 4.390 ug/l  
 RT: 7.62 min Scan# 1830  
 Delta R.T. -0.13 min  
 Lab File: VN064012.D  
 Acq: 9 Oct 2020 1:40

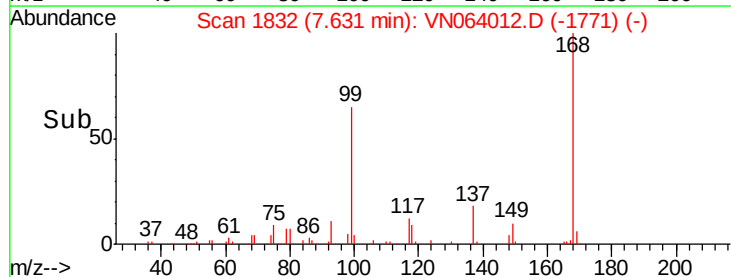
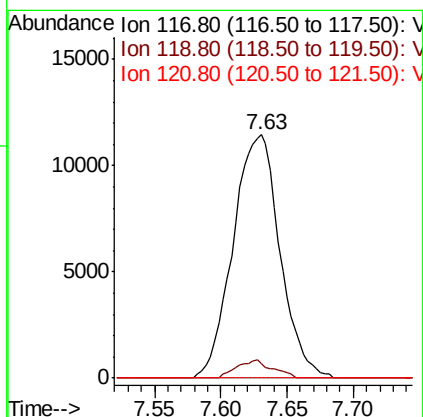
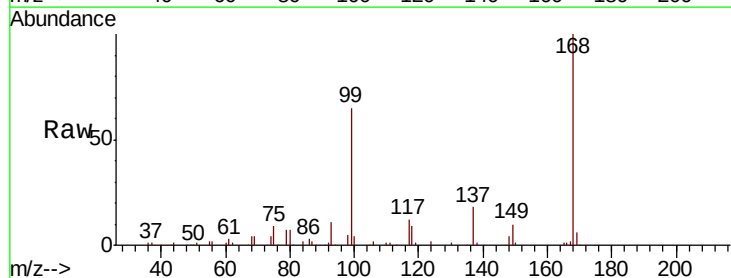
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132189ZHE#01

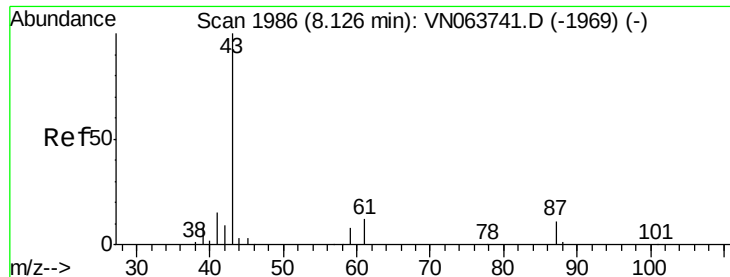
Tot Ion: 75 Resp: 20896  
 Ion Ratio Lower Upper  
 75 100  
 110 9.7 16.9 50.6#  
 77 0.0 24.5 36.7#



#38  
 Carbon Tetrachloride  
 Concen: 5.264 ug/l  
 RT: 7.63 min Scan# 1832  
 Delta R.T. -0.10 min  
 Lab File: VN064012.D  
 Acq: 9 Oct 2020 1:40

Tgt Ion: 117 Resp: 28102  
 Ion Ratio Lower Upper  
 117 100  
 119 6.1 80.1 120.1#  
 121 0.0 25.7 38.5#





#43

Isopropyl Acetate

Concen: 12.080 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064012.D

Acq: 9 Oct 2020 1:40

Instrument :

MSVOA\_N

ClientSampleId :

PB132189ZHE#01

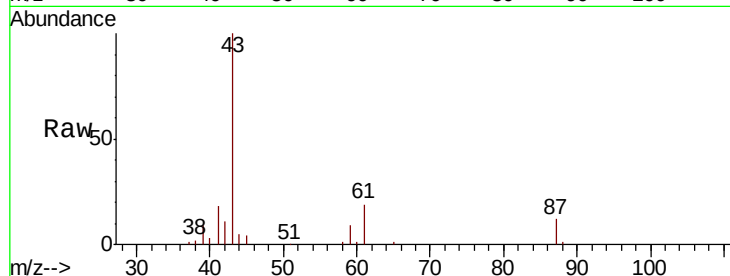
Tot Ion: 43 Resp: 94237

Ion Ratio Lower Upper

43 100

61 17.5 14.2 21.4

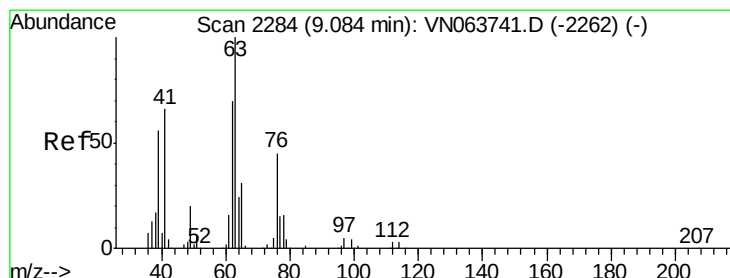
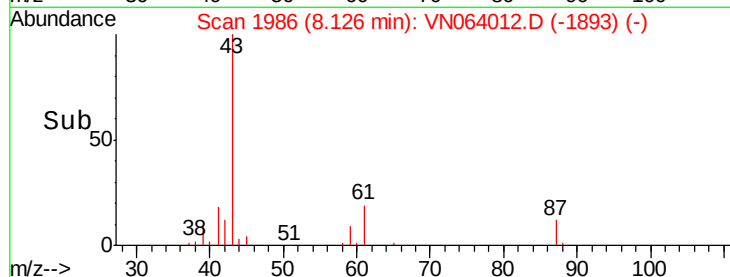
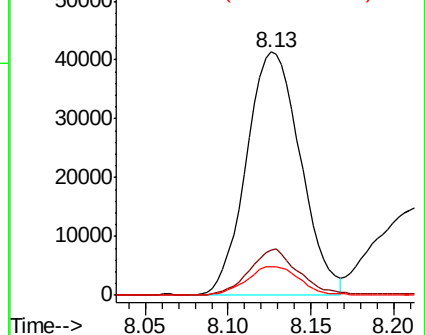
87 11.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#45

1,2-Dichloropropane

Concen: 0.480 ug/l

RT: 9.23 min Scan# 2328

Delta R.T. 0.14 min

Lab File: VN064012.D

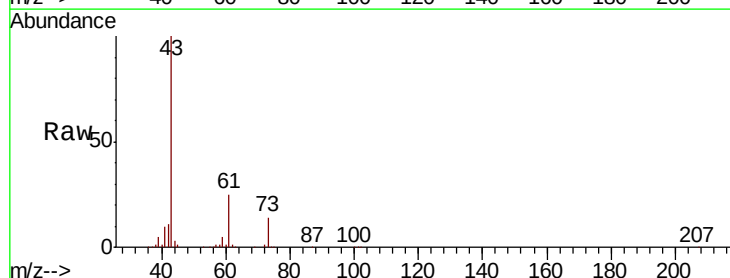
Acq: 9 Oct 2020 1:40

Tgt Ion: 63 Resp: 1763

Ion Ratio Lower Upper

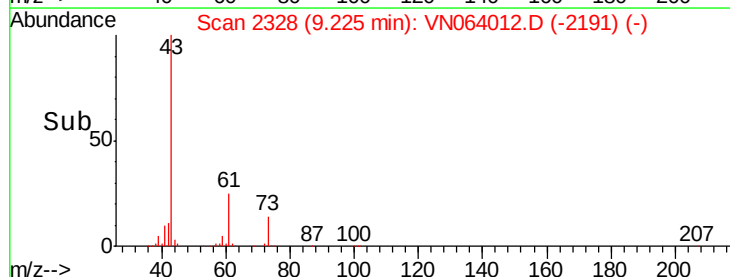
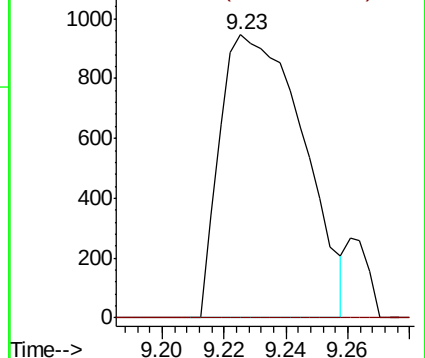
63 100

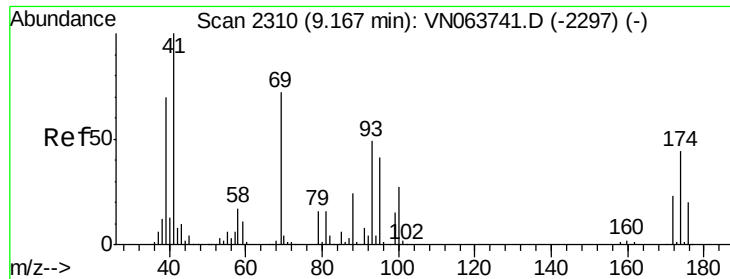
65 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VN063741.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN063741.D (-2262) (-)

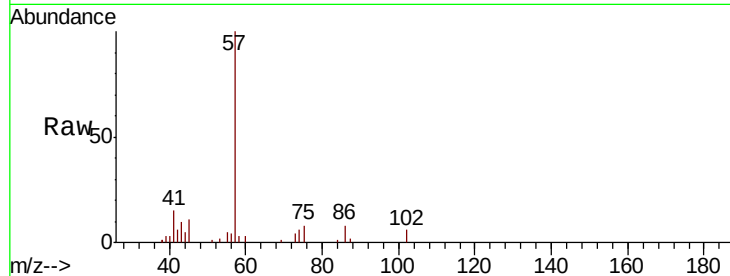




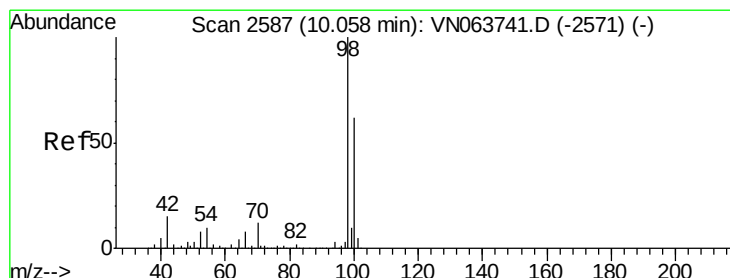
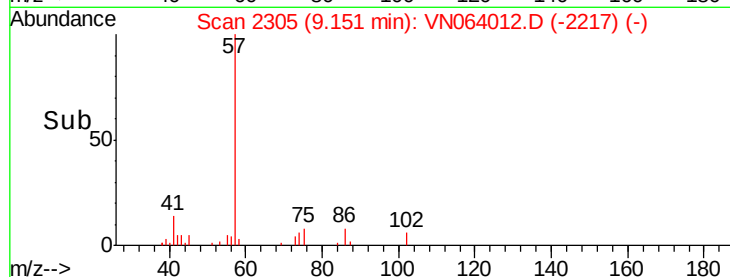
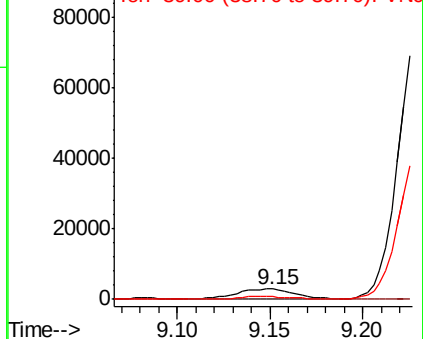
#48  
Methvl methacrylate  
Concen: 1.737 ug/l  
RT: 9.15 min Scan# 2305  
Delta R.T. -0.02 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132189ZHE#01

Tot Ion: 41 Resp: 6696  
Ion Ratio Lower Upper  
41 100  
69 1.5 60.9 91.3#  
39 0.0 57.5 86.3#

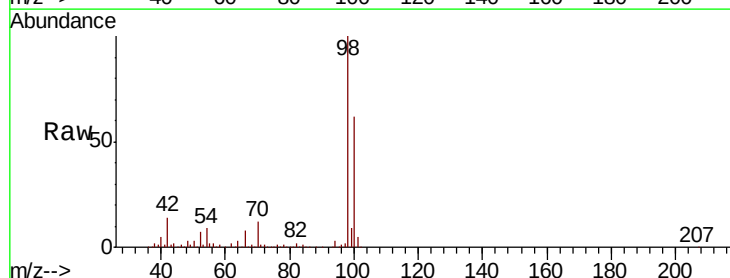


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

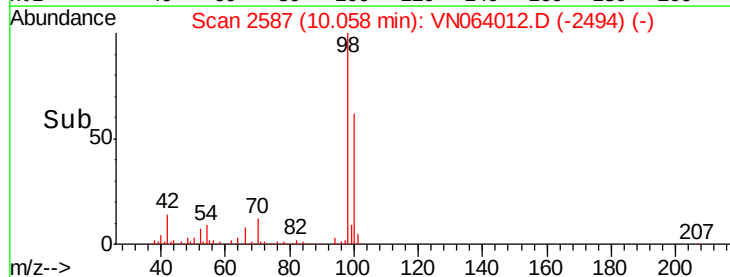
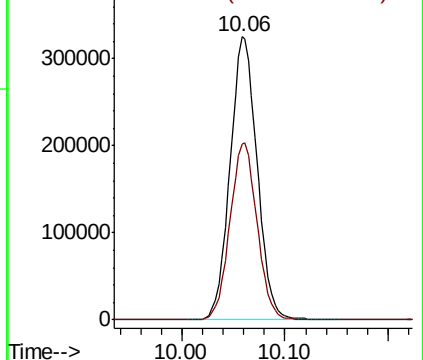


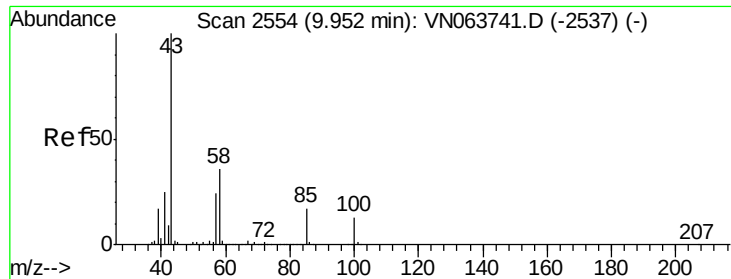
#50  
Toluene-d8  
Concen: 48.178 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

Tgt Ion: 98 Resp: 595476  
Ion Ratio Lower Upper  
98 100  
100 62.9 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0

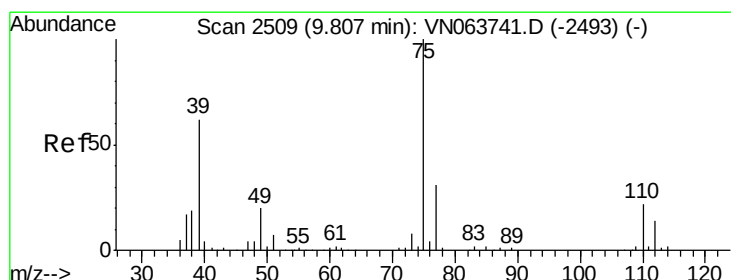
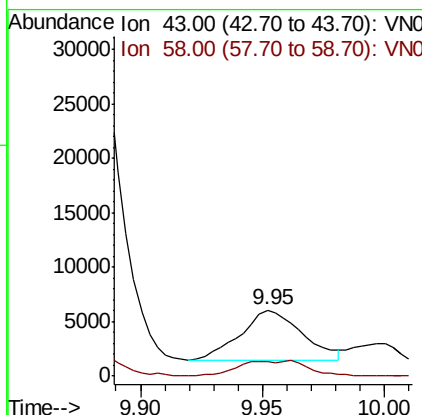
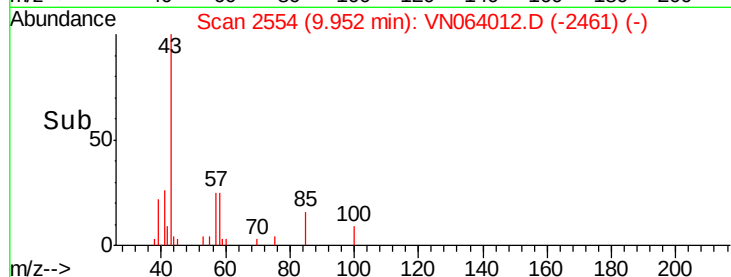
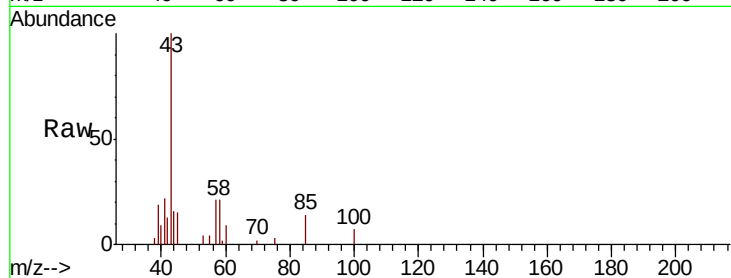




#51  
4-Methyl-2-Pentanone  
Concen: 1.744 ug/l  
RT: 9.95 min Scan# 2554  
Delta R.T. 0.00 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

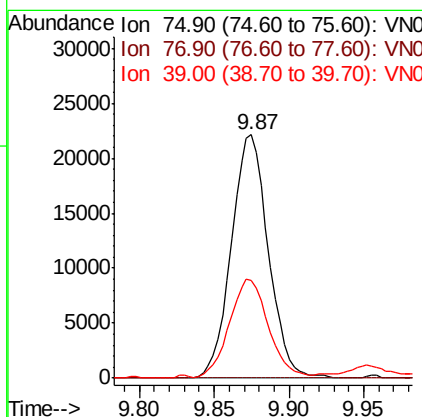
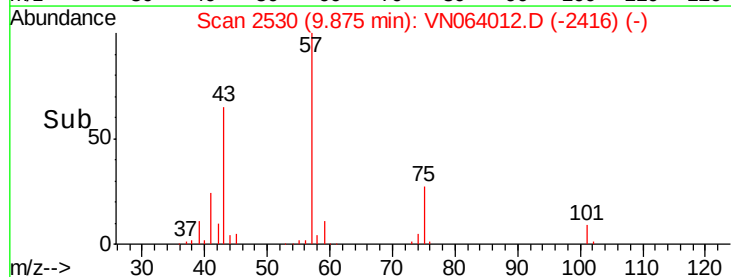
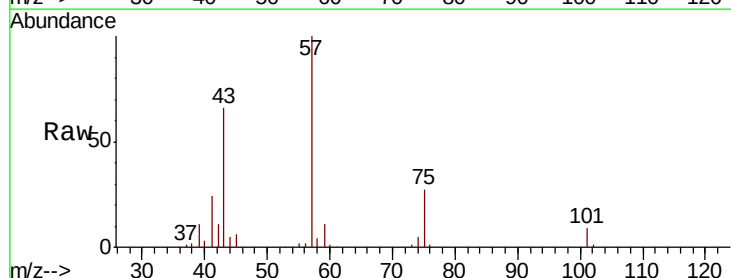
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132189ZHE#01

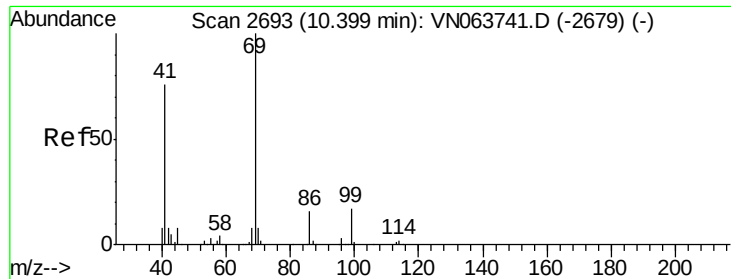
Tot Ion: 43 Resp: 7985  
Ion Ratio Lower Upper  
43 100  
58 20.0 28.4 42.6#



#54  
cis-1,3-Dichloropropene  
Concen: 6.509 ug/l  
RT: 9.87 min Scan# 2530  
Delta R.T. 0.07 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

Tgt Ion: 75 Resp: 38095  
Ion Ratio Lower Upper  
75 100  
77 0.0 24.6 36.8#  
39 39.4 49.7 74.5#





#56

Ethyl methacrylate

Concen: 0.553 ug/l

RT: 10.51 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN064012.D

Acq: 9 Oct 2020 1:40

Instrument :

MSVOA\_N

ClientSampleId :

PB132189ZHE#01

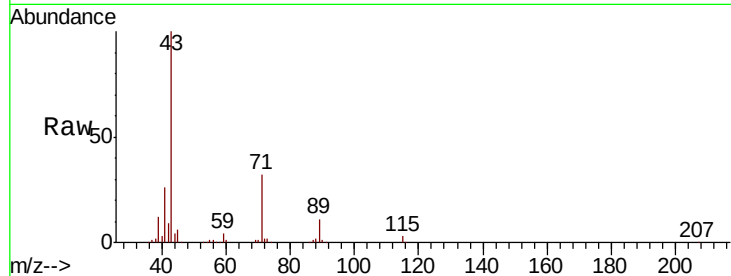
Tot Ion: 69 Resp: 2644

Ion Ratio Lower Upper

69 100

41 3703.4 61.1 91.7#

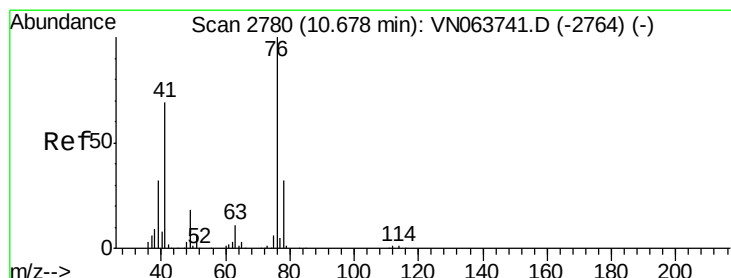
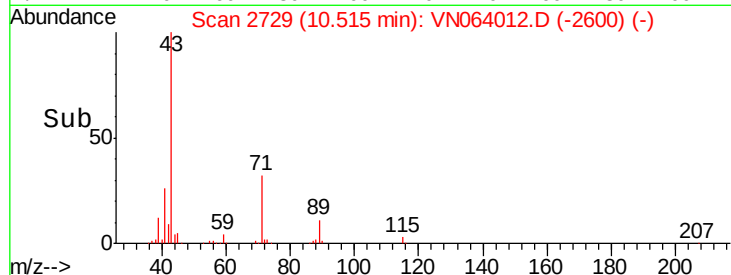
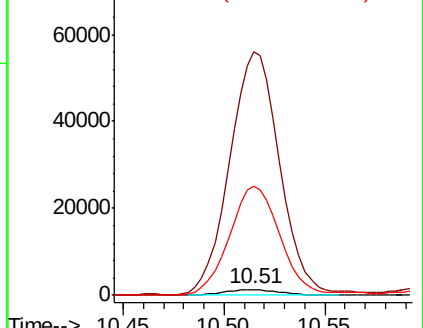
39 1699.5 42.2 63.4#



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: 1.195 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN064012.D

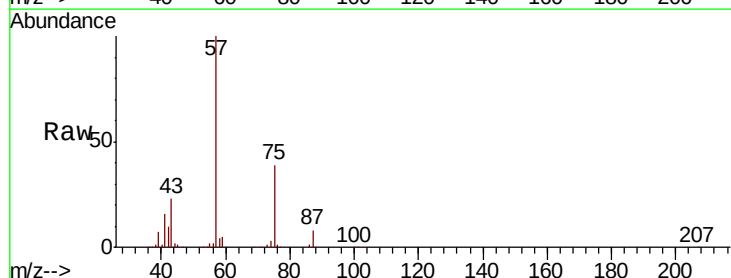
Acq: 9 Oct 2020 1:40

Tgt Ion: 76 Resp: 6818

Ion Ratio Lower Upper

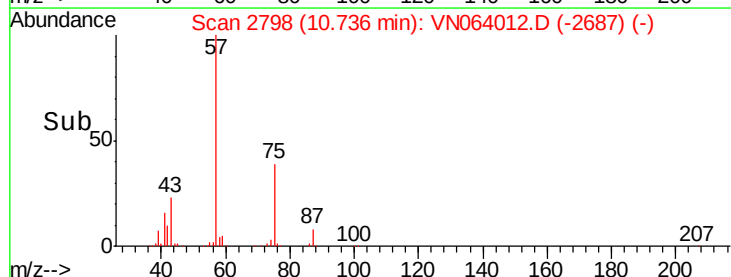
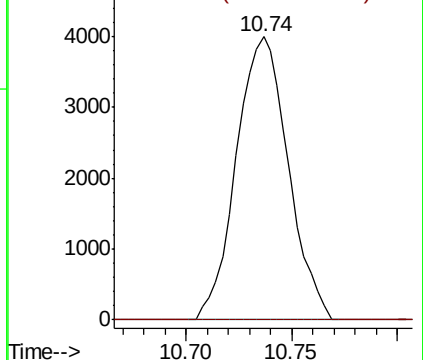
76 100

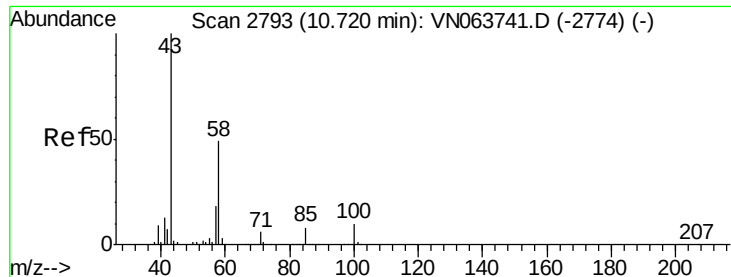
78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

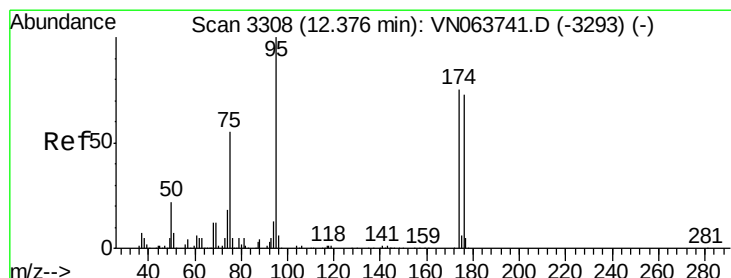
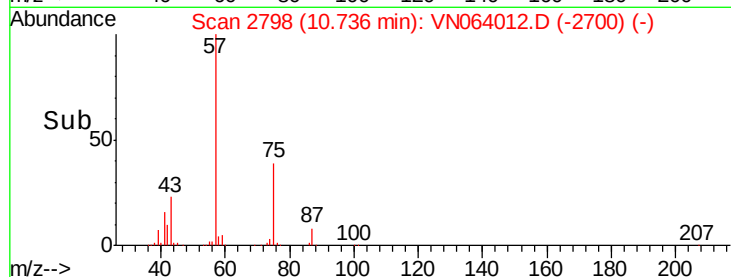
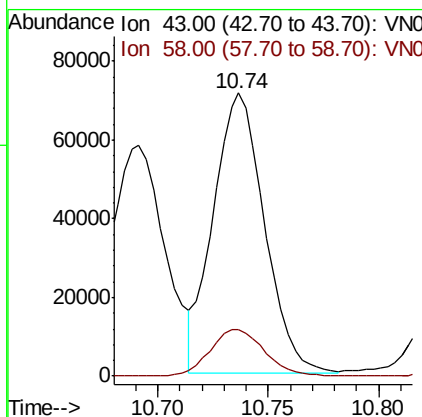
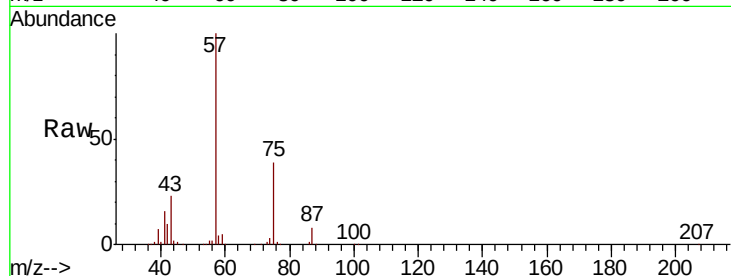




#59  
2-Hexanone  
Concen: 33.595 ug/l  
RT: 10.74 min Scan# 2798  
Delta R.T. 0.02 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

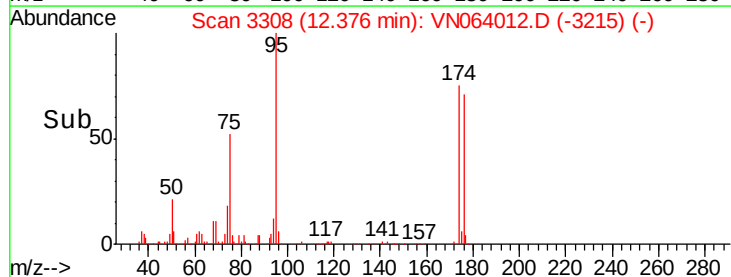
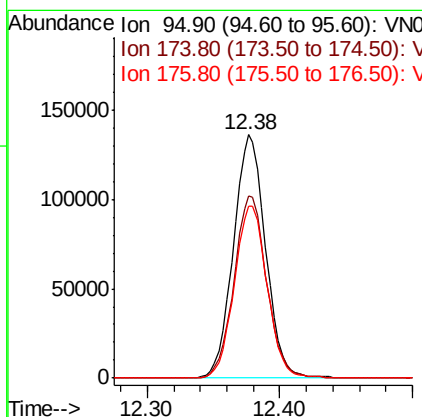
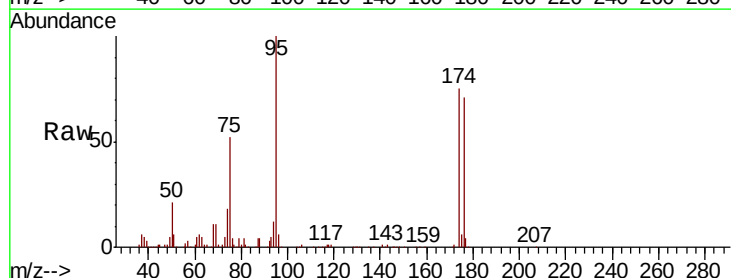
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132189ZHE#01

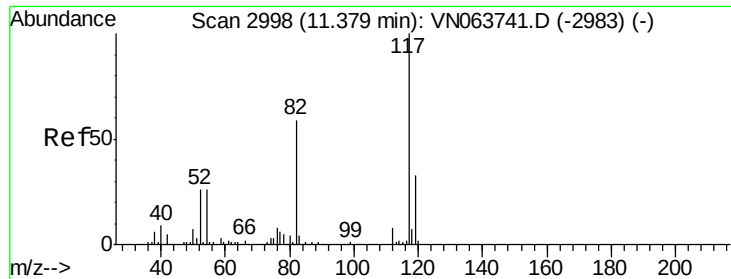
Tot Ion: 43 Resp: 114252  
Ion Ratio Lower Upper  
43 100  
58 17.8 24.6 73.8#



#62  
4-Bromofluorobenzene  
Concen: 49.276 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. 0.00 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

Tgt Ion: 95 Resp: 228949  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 150.6  
176 72.5 0.0 145.4

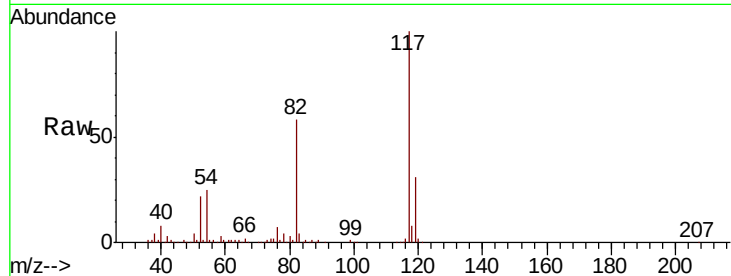




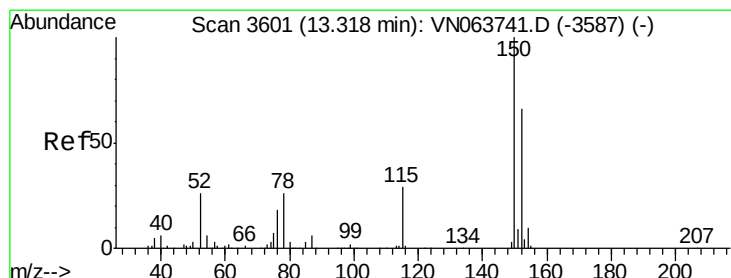
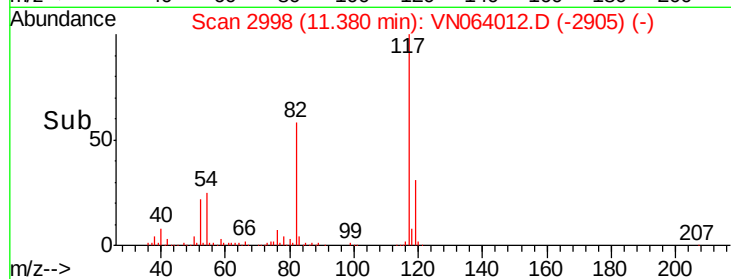
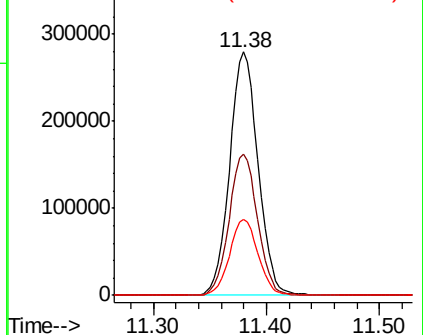
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132189ZHE#01

Tot Ion:117 Resp: 487930  
Ion Ratio Lower Upper  
117 100  
82 57.9 47.4 71.2  
119 31.3 26.4 39.6

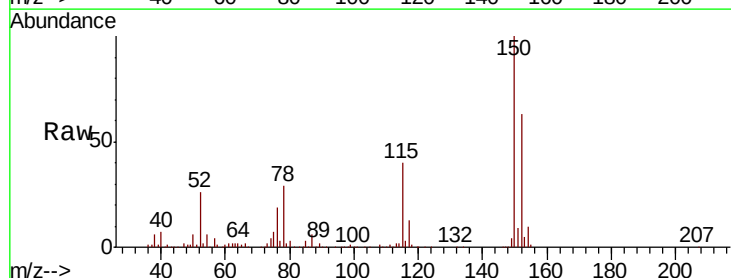


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

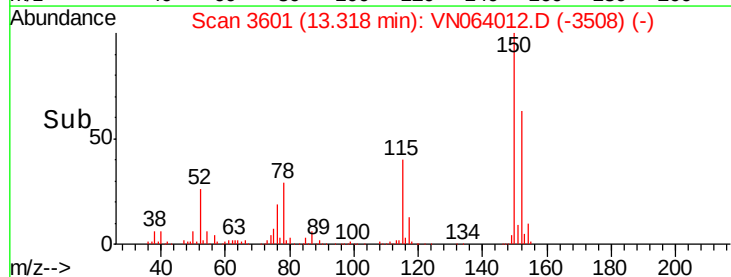
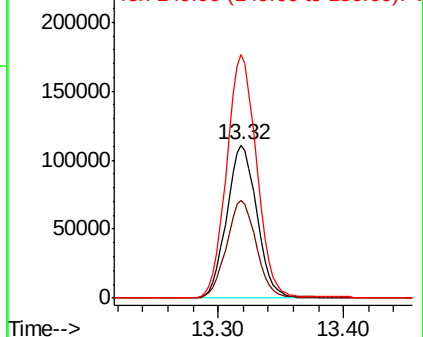


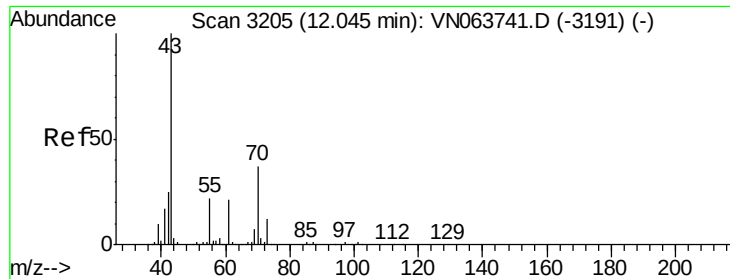
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3601  
Delta R.T. 0.00 min  
Lab File: VN064012.D  
Acq: 9 Oct 2020 1:40

Tgt Ion:152 Resp: 186608  
Ion Ratio Lower Upper  
152 100  
115 62.7 31.3 93.8  
150 157.8 0.0 341.8



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-amvl acetate

Concen: 2.911 ug/l

RT: 12.01 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN064012.D

Acq: 9 Oct 2020 1:40

Instrument :

MSVOA\_N

ClientSampleId :

PB132189ZHE#01

Tot Ion: 43 Resp: 4600

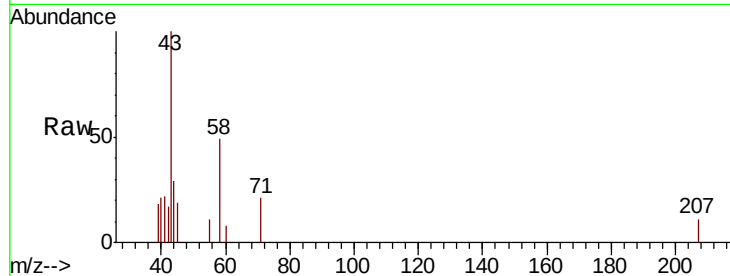
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 5.1 17.9 26.9#

61 0.0 17.0 25.4#

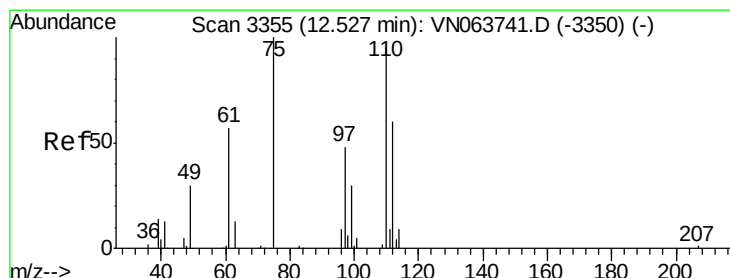
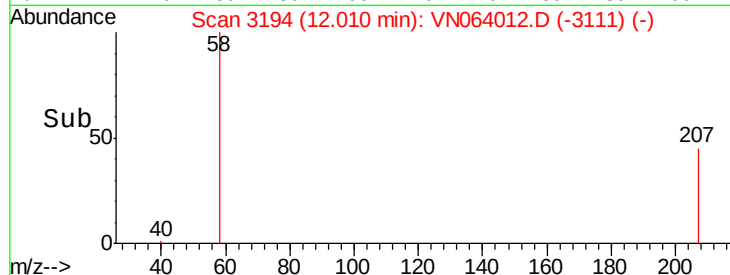
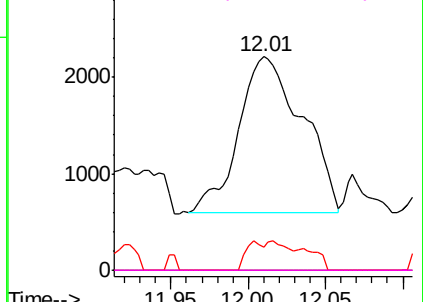


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 29.363 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064012.D

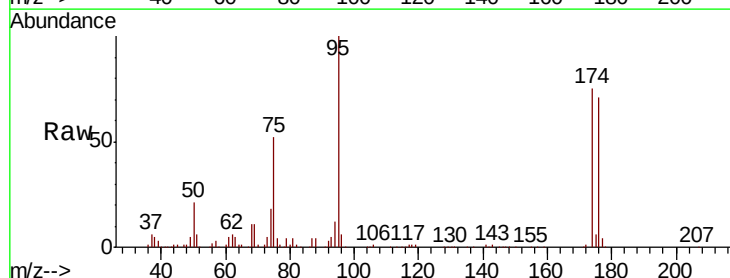
Acq: 9 Oct 2020 1:40

Tgt Ion: 75 Resp: 120786

Ion Ratio Lower Upper

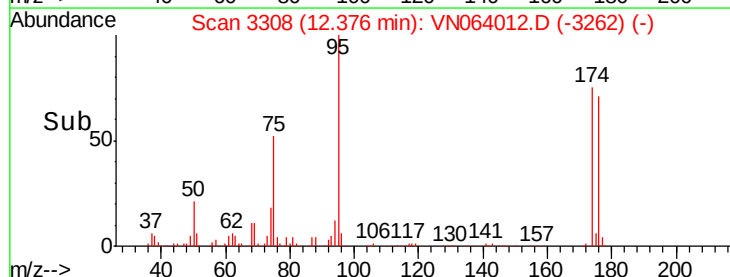
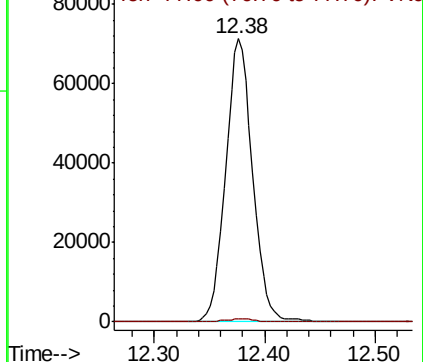
75 100

77 1.1 0.0 0.0#

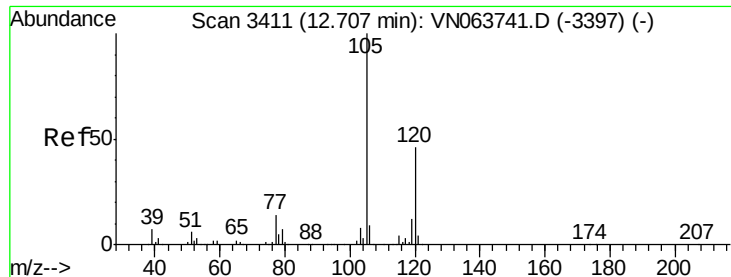


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



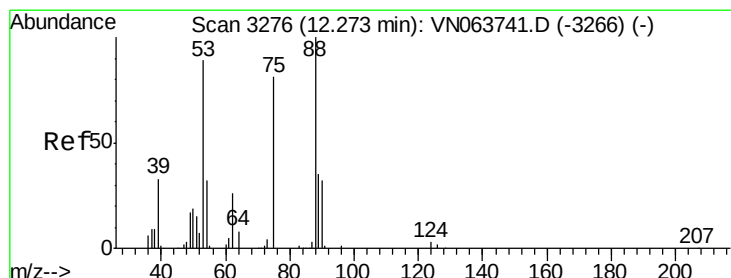
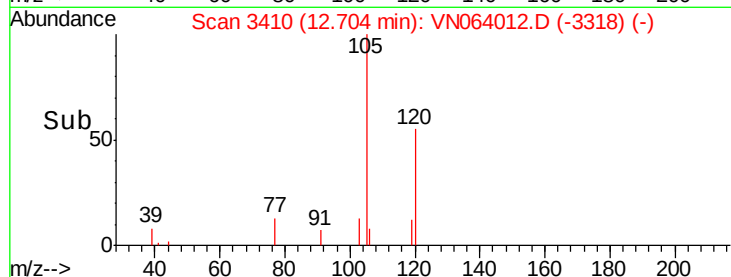
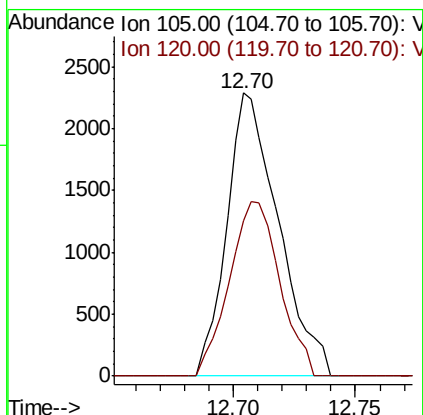
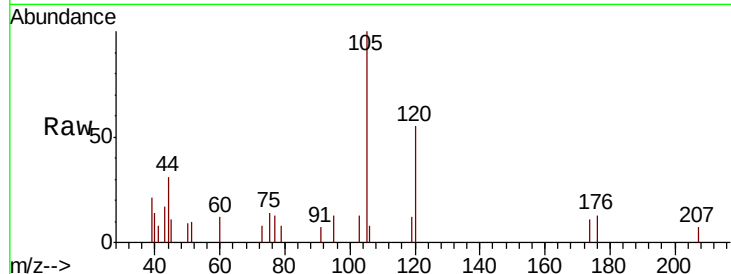




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.294 ug/l  
 RT: 12.70 min Scan# 3410  
 Delta R.T. -0.00 min  
 Lab File: VN064012.D  
 Acq: 9 Oct 2020 1:40

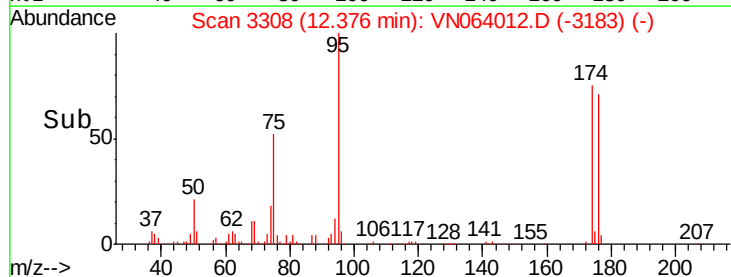
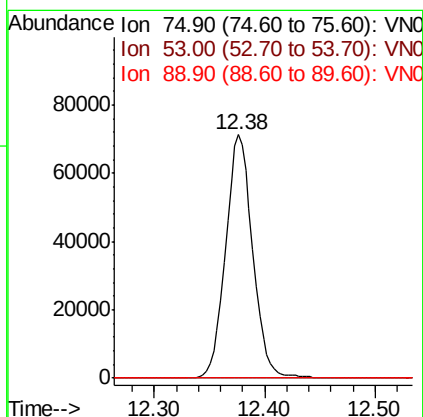
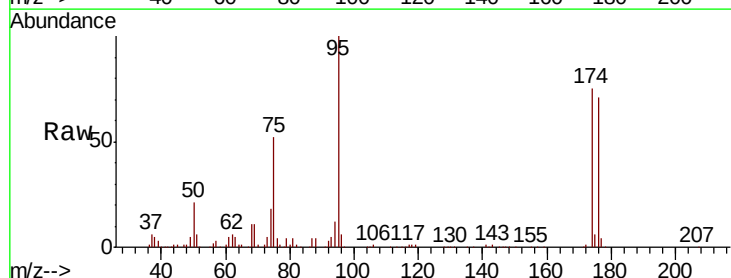
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132189ZHE#01

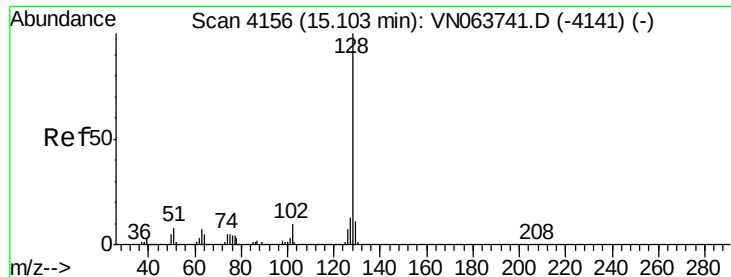
Tot Ion:105 Resp: 3361  
 Ion Ratio Lower Upper  
 105 100  
 120 60.0 23.3 69.9



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 84.569 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. 0.10 min  
 Lab File: VN064012.D  
 Acq: 9 Oct 2020 1:40

Tgt Ion: 75 Resp: 120786  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 88.2 132.2#  
 89 0.0 36.0 54.0#





#95

Naphthalene

Concen: 1.966 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN064012.D

Acq: 9 Oct 2020 1:40

Instrument :

MSVOA\_N

ClientSampleId :

PB132189ZHE#01

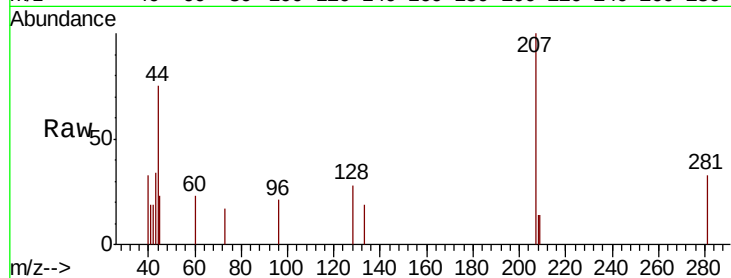
Tot Ion:128 Resp: 431

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#



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

