

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031721\  
 Data File : VN066235.D  
 Acq On : 17 Mar 2021 15:40  
 Operator : JC/MD  
 Sample : M1687-43  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 18 04:44:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031621W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 17 05:05:15 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.584  | 168  | 344324   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.515  | 114  | 517803   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.350 | 117  | 445198   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.286 | 152  | 196248   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 7.949  | 65    | 217700   | 43.88    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 87.76%  |
| 35) Dibromofluoromethane    | 7.509  | 113   | 178109   | 53.92    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 107.84% |
| 50) Toluene-d8              | 10.028 | 98    | 682136   | 53.41    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 106.82% |
| 62) 4-Bromofluorobenzene    | 12.345 | 95    | 208303   | 45.24    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 90.48%  |

|                               |        |     |        |        |        |        |
|-------------------------------|--------|-----|--------|--------|--------|--------|
| Target Compounds              |        |     |        |        |        | Qvalue |
| 3) Chloromethane              | 2.022  | 50  | 3095   | 0.26   | ug/l   | 90     |
| 11) Tert butyl alcohol        | 4.707  | 59  | 4375   | 5.17   | ug/l # | 80     |
| 13) Acrolein                  | 3.535  | 56  | 4612   | Below  | Cal    | 95     |
| 16) Acetone                   | 3.741  | 43  | 436376 | 183.11 | ug/l   | 100    |
| 18) Methyl Acetate            | 4.240  | 43  | 46671  | 7.00   | ug/l # | 86     |
| 19) Methyl tert-butyl Ether   | 4.951  | 73  | 39883  | 3.23   | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.865  | 45  | 73363  | 4.66   | ug/l # | 93     |
| 23) Vinyl Acetate             | 5.860  | 43  | 41962  | 3.11   | ug/l # | 79     |
| 25) 2-Butanone                | 6.753  | 43  | 58544  | 15.82  | ug/l   | 98     |
| 31) Cyclohexane               | 7.582  | 56  | 5709   | 0.77   | ug/l # | 1      |
| 36) 1,1-Dichloropropene       | 7.584  | 75  | 21667  | 4.13   | ug/l # | 48     |
| 37) Ethyl Acetate             | 6.850  | 43  | 38768  | 5.17   | ug/l # | 93     |
| 38) Carbon Tetrachloride      | 7.587  | 117 | 28686  | 6.10   | ug/l # | 18     |
| 40) Benzene                   | 7.965  | 78  | 86418  | 5.49   | ug/l   | 100    |
| 41) Methacrylonitrile         | 7.123  | 41  | 768    | 0.21   | ug/l # | 34     |
| 51) 4-Methyl-2-Pentanone      | 9.920  | 43  | 7816   | 1.12   | ug/l   | 95     |
| 52) Toluene                   | 10.092 | 92  | 286359 | 31.39  | ug/l   | 98     |
| 53) t-1,3-Dichloropropene     | 10.092 | 75  | 2920   | 0.47   | ug/l # | 1      |
| 56) Ethyl methacrylate        | 10.368 | 69  | 3684   | 2.69   | ug/l # | 72     |
| 59) 2-Hexanone                | 10.693 | 43  | 9365   | 3.04   | ug/l   | 98     |
| 67) Ethyl Benzene             | 11.454 | 91  | 46248  | 2.92   | ug/l   | 93     |
| 68) m/p-Xylenes               | 11.562 | 106 | 88002  | 14.97  | ug/l   | 88     |
| 69) o-Xylene                  | 11.889 | 106 | 60767  | 10.76  | ug/l   | 90     |
| 70) Styrene                   | 11.897 | 104 | 4933   | 2.60   | ug/l # | 1      |
| 73) Isopropylbenzene          | 12.189 | 105 | 4593   | 0.33   | ug/l   | 78     |
| 74) N-amyl acetate            | 12.031 | 43  | 1199   | 2.31   | ug/l # | 67     |
| 76) 1,2,3-Trichloropropane    | 12.345 | 75  | 95917  | 18.93  | ug/l # | 100    |
| 78) n-propylbenzene           | 12.535 | 91  | 14824  | 0.94   | ug/l   | 98     |
| 79) 2-Chlorotoluene           | 12.597 | 91  | 8808   | 0.91   | ug/l # | 46     |
| 80) 1,3,5-Trimethylbenzene    | 12.677 | 105 | 39903  | 3.50   | ug/l   | 92     |
| 81) trans-1,4-Dichloro-2-b... | 12.345 | 75  | 95917  | 56.64  | ug/l # | 11     |
| 82) 4-Chlorotoluene           | 12.715 | 91  | 863    | 0.55   | ug/l # | 37     |
| 84) 1,2,4-Trimethylbenzene    | 12.983 | 105 | 192477 | 17.26  | ug/l   | 95     |
| 85) sec-Butylbenzene          | 13.117 | 105 | 8035   | 0.63   | ug/l   | 87     |
| 86) p-Isopropyltoluene        | 13.233 | 119 | 8513   | 0.76   | ug/l   | 93     |
| 88) 1,4-Dichlorobenzene       | 13.305 | 146 | 1399   | 0.22   | ug/l # | 24     |

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Sample : M1687-43  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Mar 18 04:44:55 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031621W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 17 05:05:15 2021  
Response via : Initial Calibration

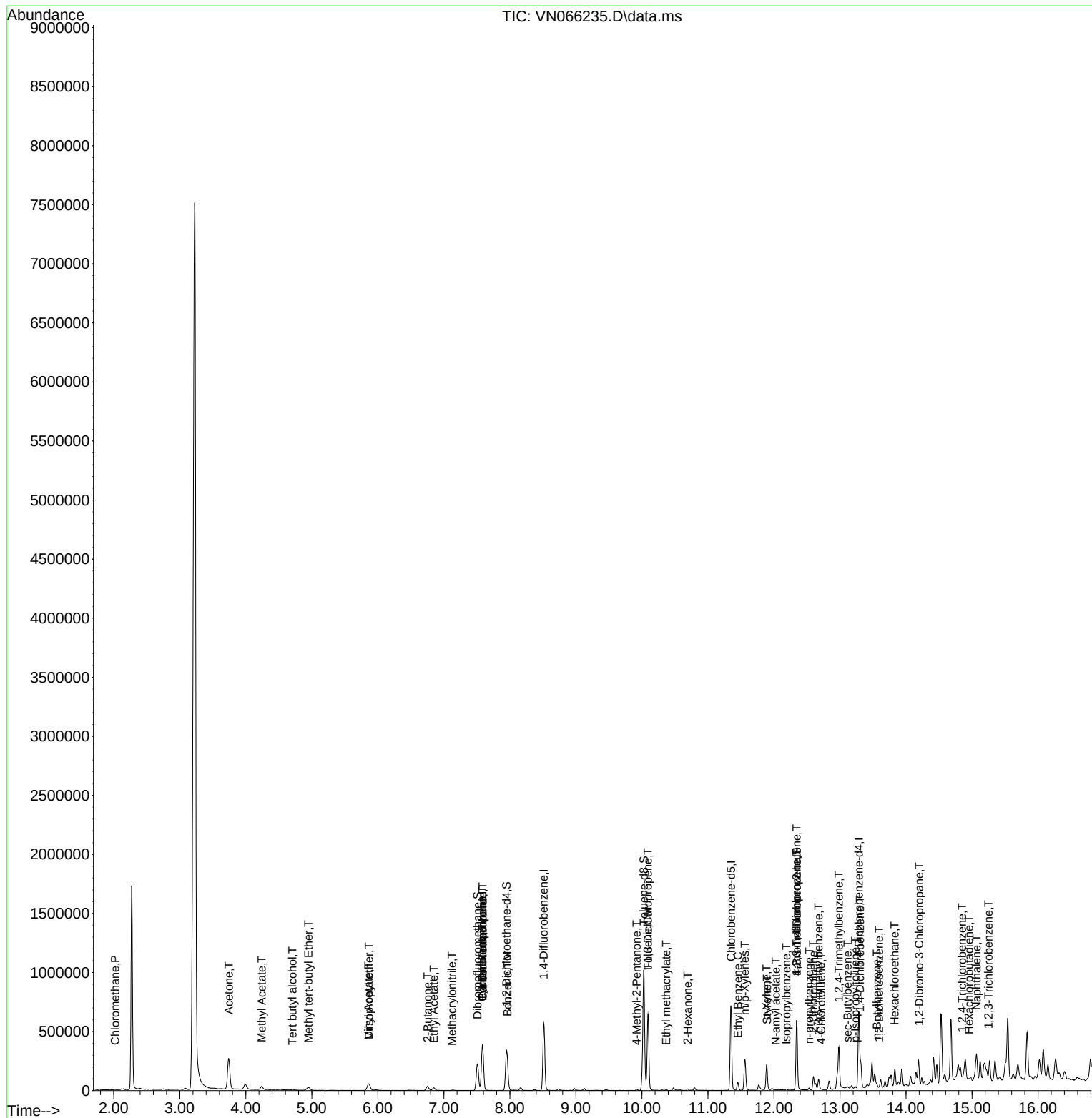
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 89) n-Butylbenzene            | 13.560 | 91   | 15451    | 3.55  | ug/l # | 80       |
| 90) Hexachloroethane          | 13.828 | 117  | 7397     | 3.78  | ug/l # | 7        |
| 91) 1,2-Dichlorobenzene       | 13.592 | 146  | 1317     | 0.22  | ug/l   | 86       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.201 | 75   | 993      | 1.75  | ug/l # | 8        |
| 93) 1,2,4-Trichlorobenzene    | 14.850 | 180  | 2872     | 0.73  | ug/l # | 77       |
| 94) Hexachlorobutadiene       | 14.954 | 225  | 590      | 0.31  | ug/l   | 69       |
| 95) Naphthalene               | 15.070 | 128  | 176265   | 15.32 | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.249 | 180  | 3623     | 0.92  | ug/l # | 70       |

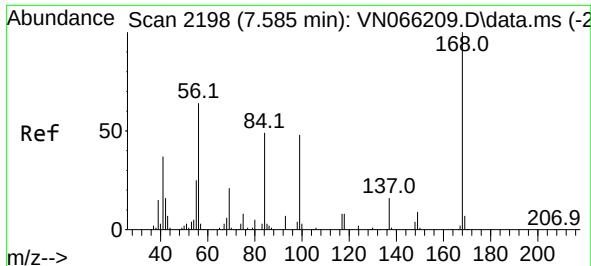
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Mar 17 05:05:15 2021  
Response via : Initial Calibration

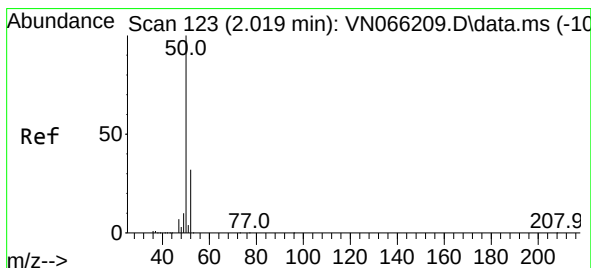
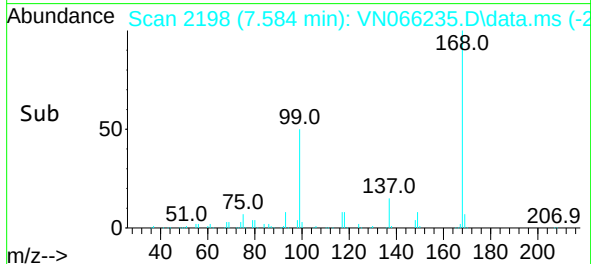
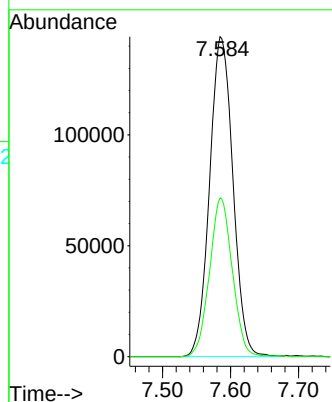
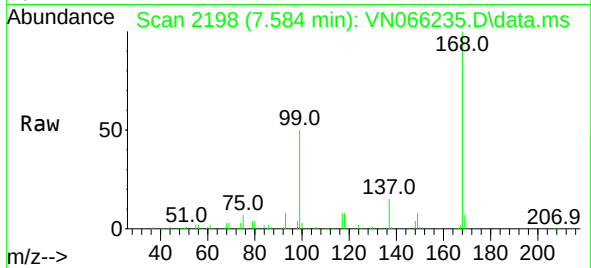




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.584 min Scan# 2198  
Delta R.T. -0.001 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

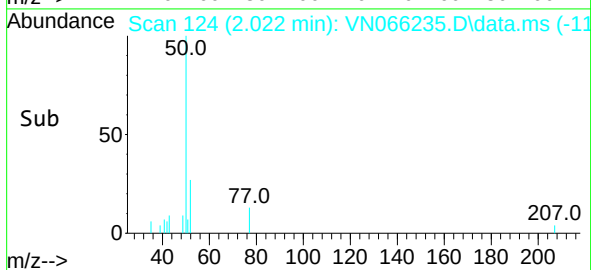
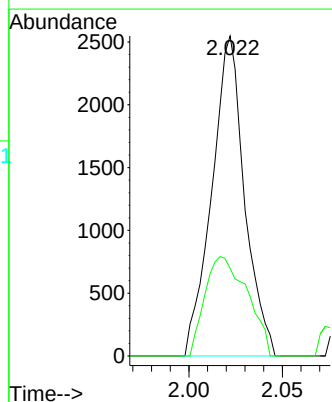
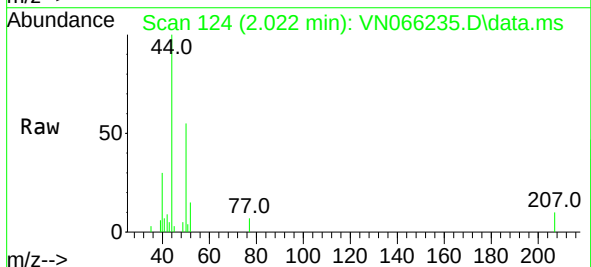
Instrument :  
MSVOA\_N  
ClientSampled :

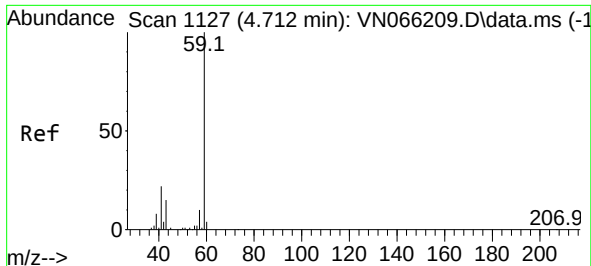
Tgt Ion:168 Resp: 344324  
Ion Ratio Lower Upper  
168 100  
99 49.6 45.4 68.0



#3  
Chloromethane  
Concen: 0.26 ug/l  
RT: 2.022 min Scan# 124  
Delta R.T. 0.003 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 50 Resp: 3095  
Ion Ratio Lower Upper  
50 100  
52 27.4 26.2 39.4





#11

Tert butyl alcohol

Concen: 5.17 ug/l

RT: 4.707 min Scan# 1125

Delta R.T. -0.005 min

Lab File: VN066235.D

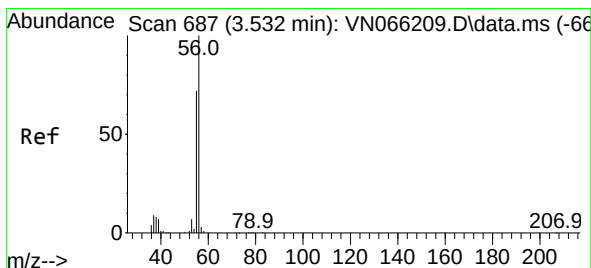
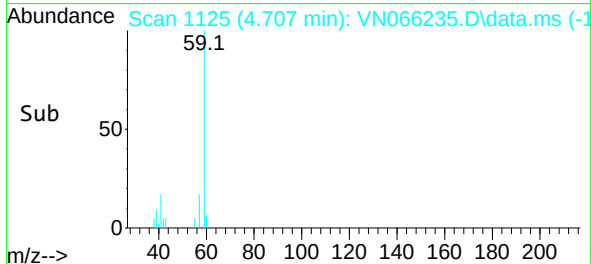
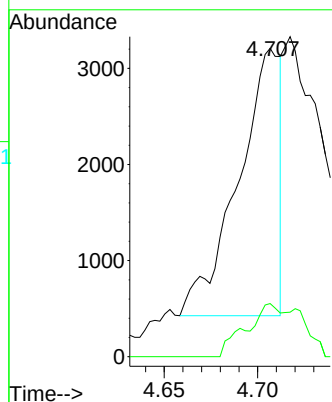
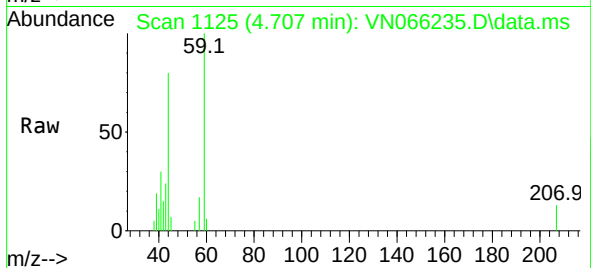
Acq: 17 Mar 2021 15:40

Tgt Ion: 59 Resp: 4375

Ion Ratio Lower Upper

59 100

57 17.3 8.0 12.0#



#13

Acrolein

Concen: Below Cal

RT: 3.535 min Scan# 688

Delta R.T. 0.003 min

Lab File: VN066235.D

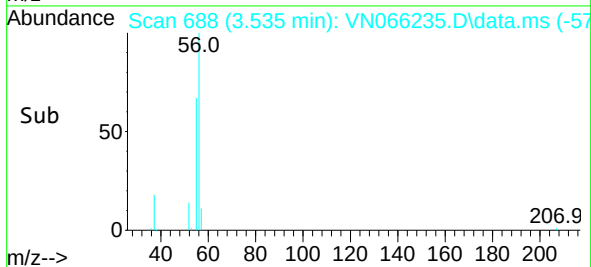
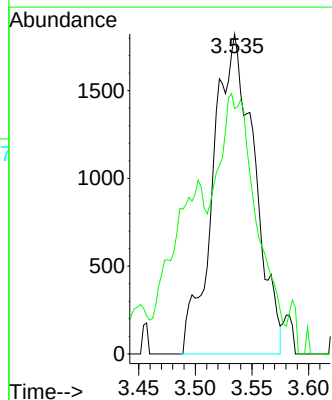
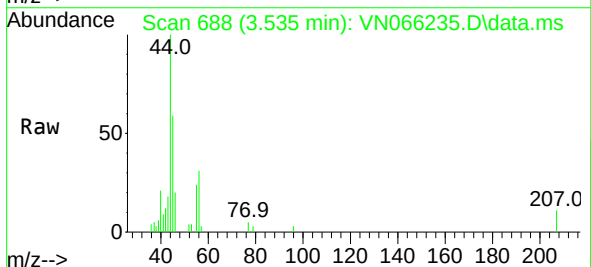
Acq: 17 Mar 2021 15:40

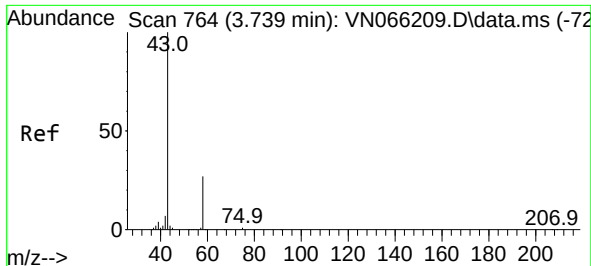
Tgt Ion: 56 Resp: 4612

Ion Ratio Lower Upper

56 100

55 76.7 58.0 87.0

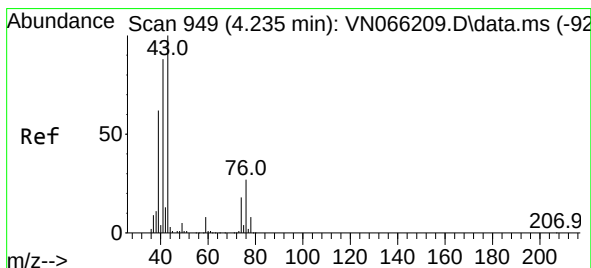
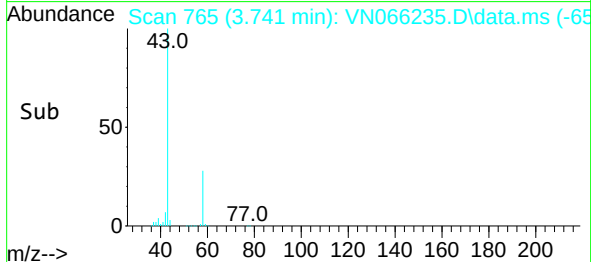
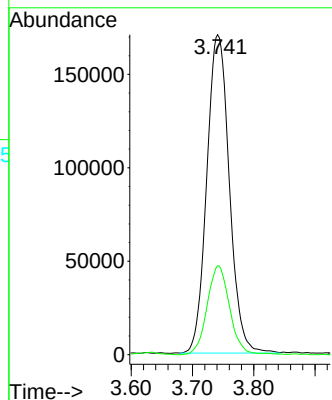
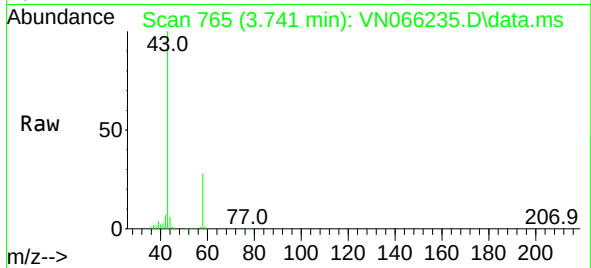




#16  
Acetone  
Concen: 183.11 ug/l  
RT: 3.741 min Scan# 765  
Delta R.T. 0.002 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

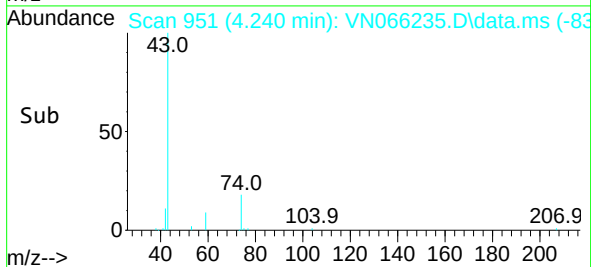
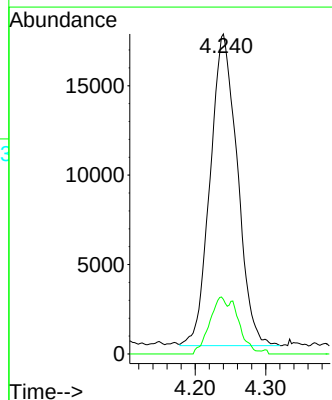
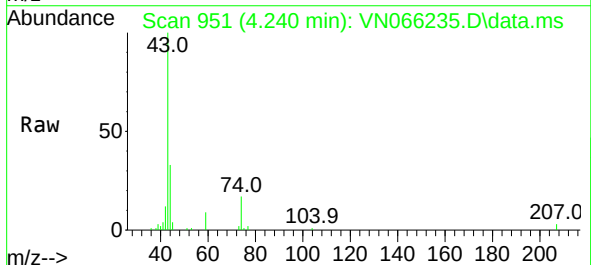
Instrument :  
MSVOA\_N  
ClientSampled :

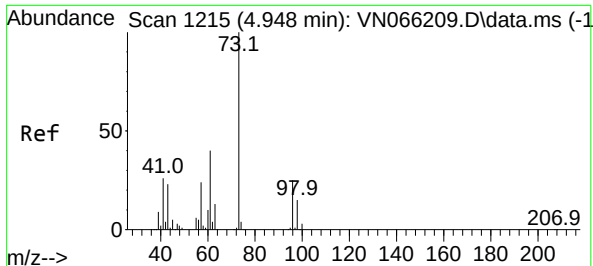
Tgt Ion: 43 Resp: 436376  
Ion Ratio Lower Upper  
43 100  
58 27.9 22.3 33.5



#18  
Methyl Acetate  
Concen: 7.00 ug/l  
RT: 4.240 min Scan# 951  
Delta R.T. 0.005 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 43 Resp: 46671  
Ion Ratio Lower Upper  
43 100  
74 11.4 14.2 21.2#



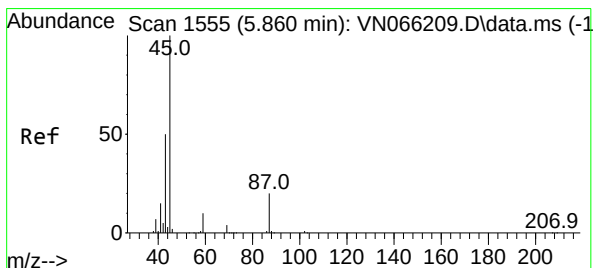
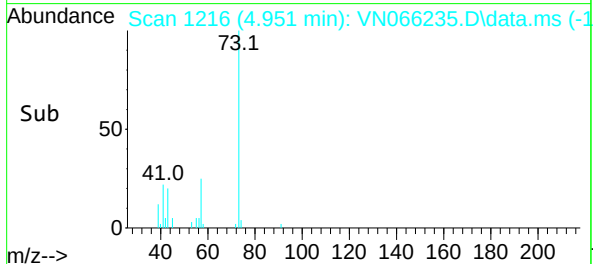
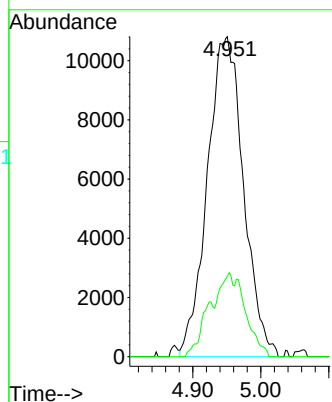
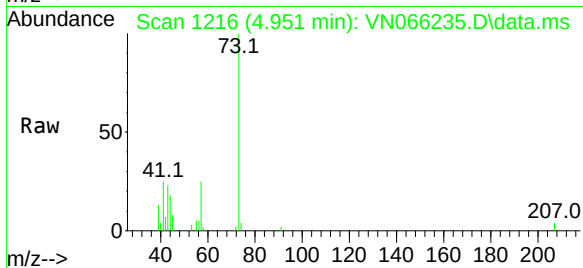


#19

Methyl tert-butyl Ether  
Concen: 3.23 ug/l  
RT: 4.951 min Scan# 1216  
Delta R.T. 0.003 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Instrument :  
MSVOA\_N  
ClientSampled :

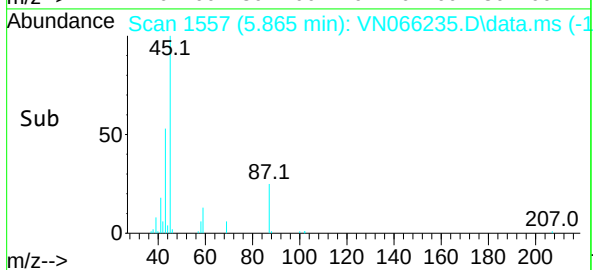
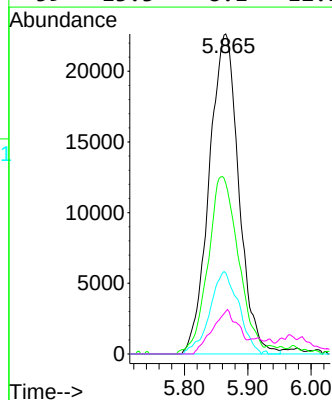
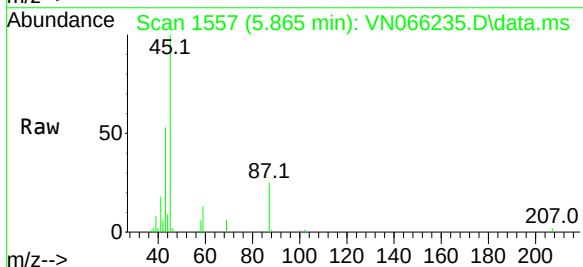
Tgt Ion: 73 Resp: 39883  
Ion Ratio Lower Upper  
73 100  
57 25.0 20.3 30.5

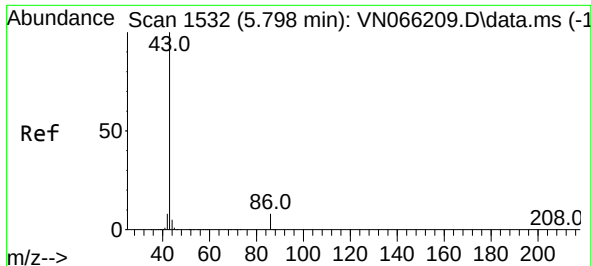


#22

Diisopropyl ether  
Concen: 4.66 ug/l  
RT: 5.865 min Scan# 1557  
Delta R.T. 0.005 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 45 Resp: 73363  
Ion Ratio Lower Upper  
45 100  
43 52.3 45.0 67.4  
87 25.3 16.4 24.6#  
59 13.3 8.1 12.1#

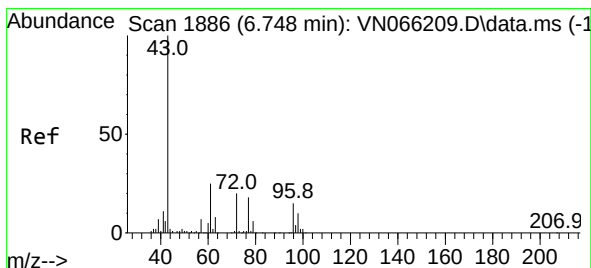
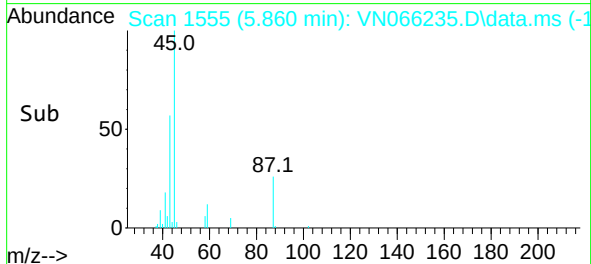
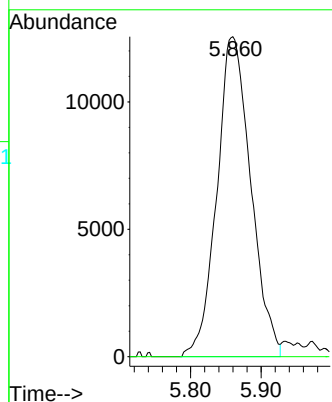
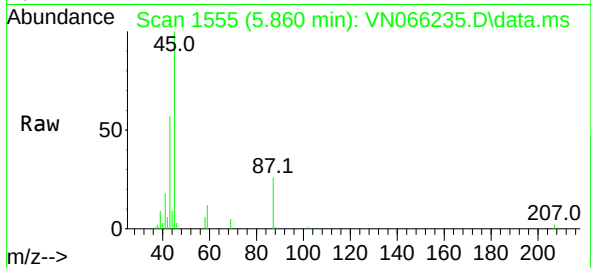




#23  
 Vinyl Acetate  
 Concen: 3.11 ug/l  
 RT: 5.860 min Scan# 1555  
 Delta R.T. 0.062 min  
 Lab File: VN066235.D  
 Acq: 17 Mar 2021 15:40

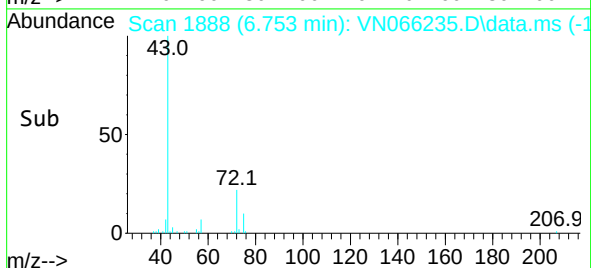
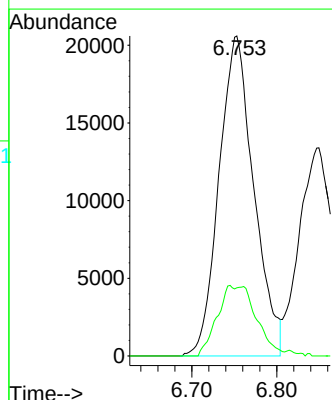
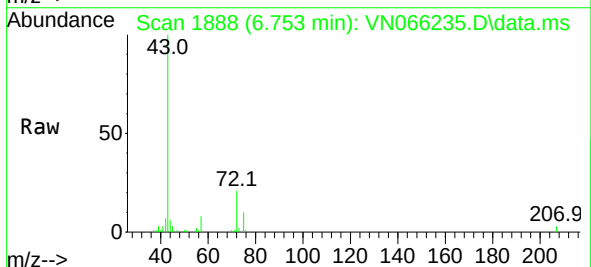
Instrument :  
 MSVOA\_N  
 ClientSampled :

Tgt Ion: 43 Resp: 41962  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 5.8 8.6#

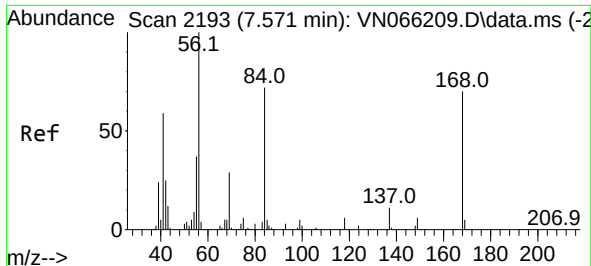


#25  
 2-Butanone  
 Concen: 15.82 ug/l  
 RT: 6.753 min Scan# 1888  
 Delta R.T. 0.005 min  
 Lab File: VN066235.D  
 Acq: 17 Mar 2021 15:40

Tgt Ion: 43 Resp: 58544  
 Ion Ratio Lower Upper  
 43 100  
 72 21.3 16.2 24.2

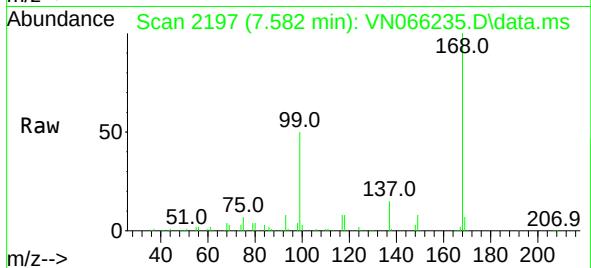




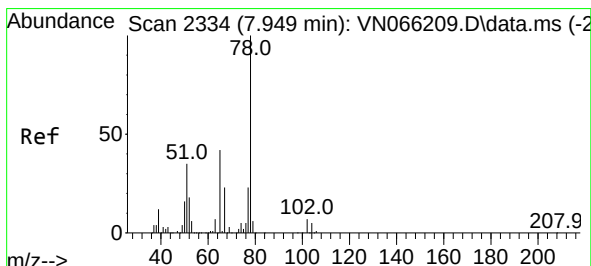
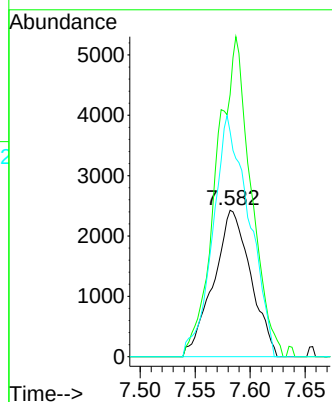
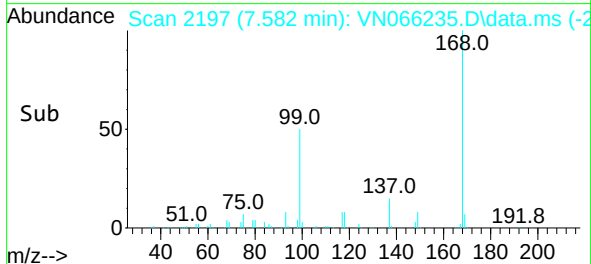


#31  
Cyclohexane  
Concen: 0.77 ug/l  
RT: 7.582 min Scan# 2197  
Delta R.T. 0.011 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

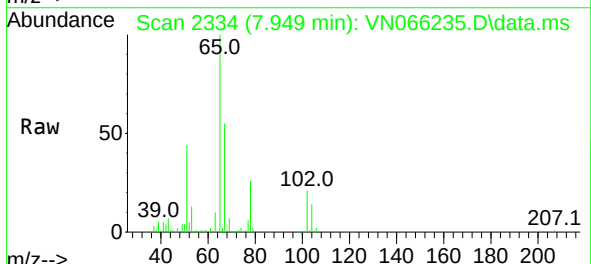
Instrument :  
MSVOA\_N  
ClientSampled :



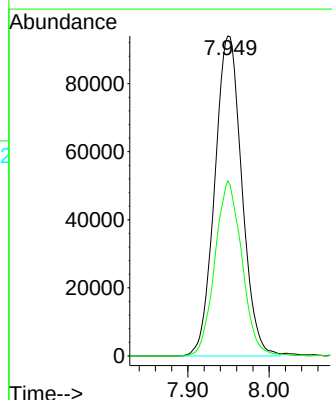
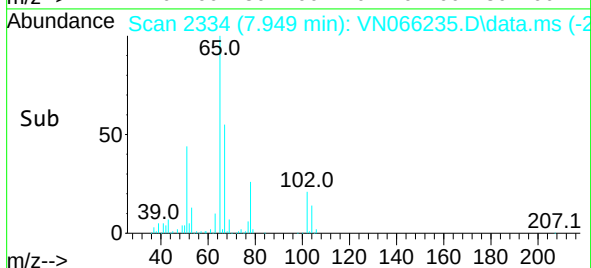
Tgt Ion: 56 Resp: 5709  
Ion Ratio Lower Upper  
56 100  
69 179.1 23.4 35.0#  
84 153.7 57.8 86.6#

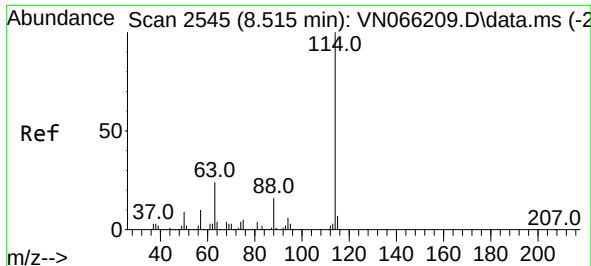


#33  
1,2-Dichloroethane-d4  
Concen: 43.88 ug/l  
RT: 7.949 min Scan# 2334  
Delta R.T. 0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40



Tgt Ion: 65 Resp: 217700  
Ion Ratio Lower Upper  
65 100  
67 54.5 0.0 107.2

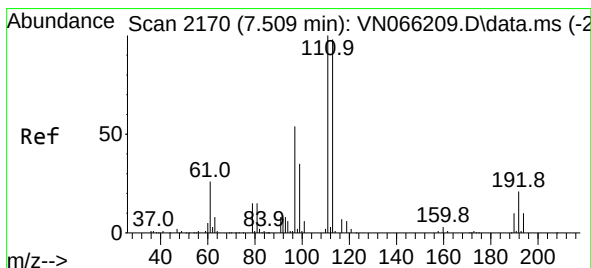
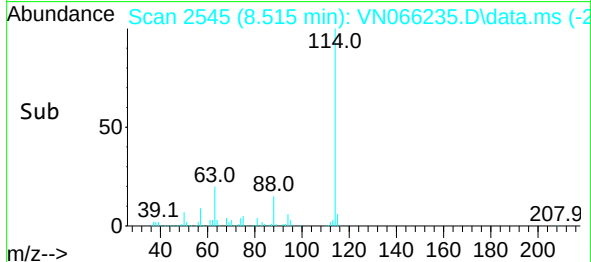
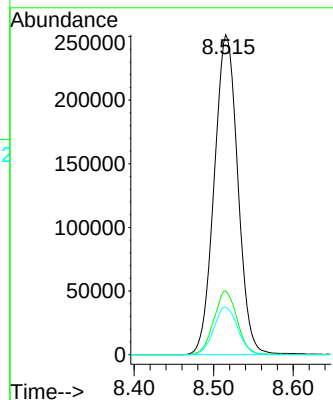
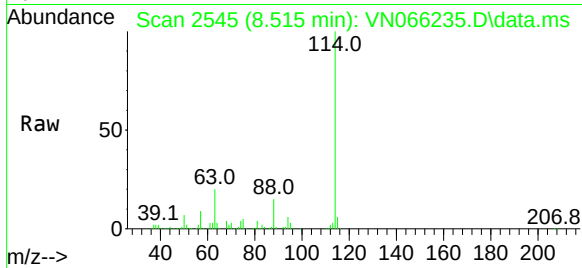




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.515 min Scan# 2545  
Delta R.T. 0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

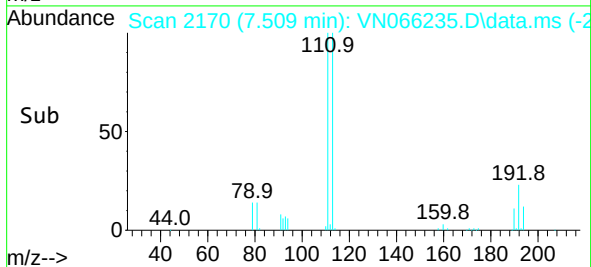
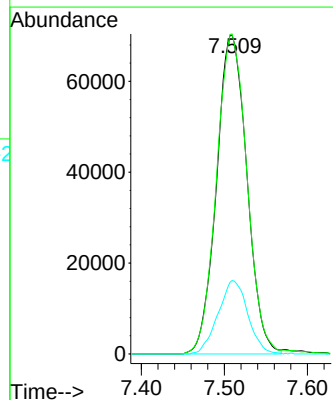
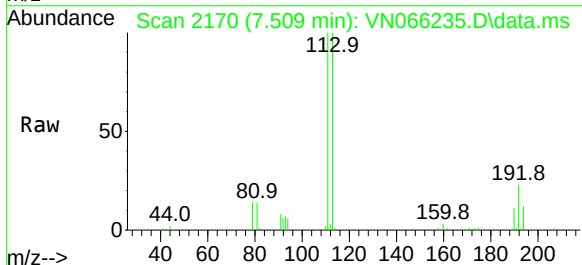
Instrument :  
MSVOA\_N  
ClientSampled :

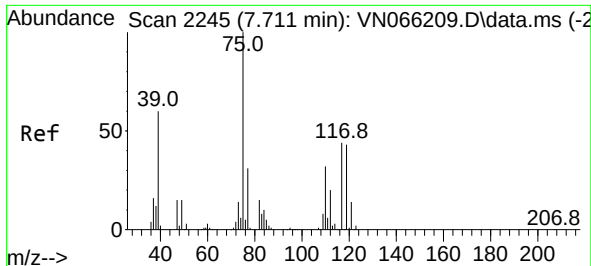
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 19.9  | 0.0   | 49.2  |
| 88      | 14.9  | 0.0   | 33.8  |



#35  
Dibromofluoromethane  
Concen: 53.92 ug/l  
RT: 7.509 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

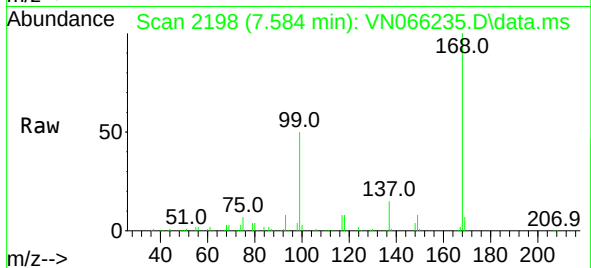
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.1 | 84.0  | 126.0 |
| 192     | 22.6  | 16.7  | 25.1  |



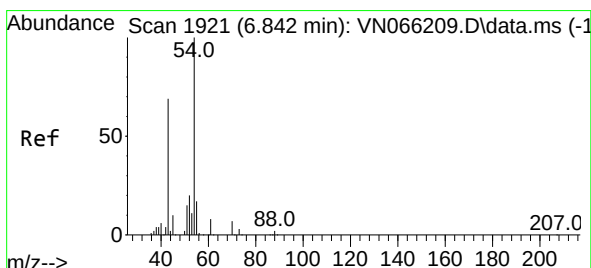
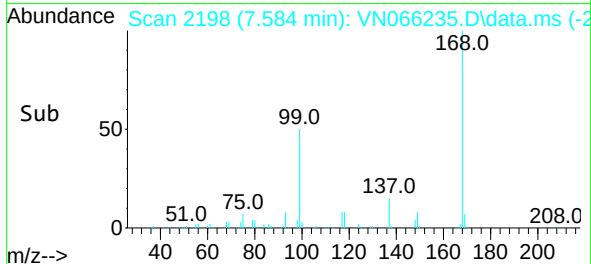
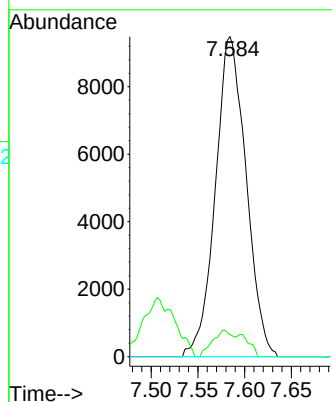


#36  
1,1-Dichloropropene  
Concen: 4.13 ug/l  
RT: 7.584 min Scan# 2198  
Delta R.T. -0.127 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Instrument :  
MSVOA\_N  
ClientSampled :

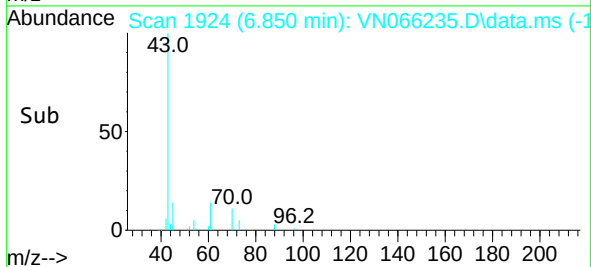
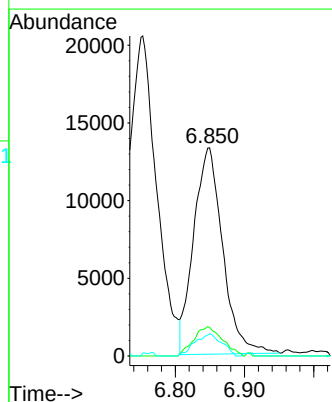
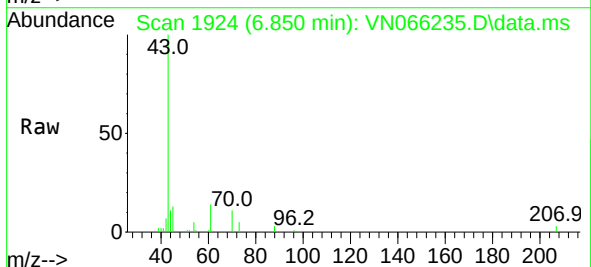


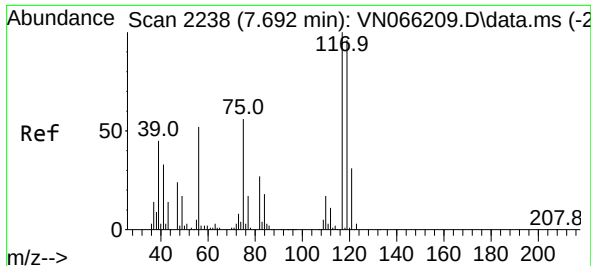
Tgt Ion: 75 Resp: 21667  
Ion Ratio Lower Upper  
75 100  
110 5.5 16.0 48.0#  
77 0.0 24.9 37.3#



#37  
Ethyl Acetate  
Concen: 5.17 ug/l  
RT: 6.850 min Scan# 1924  
Delta R.T. 0.008 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

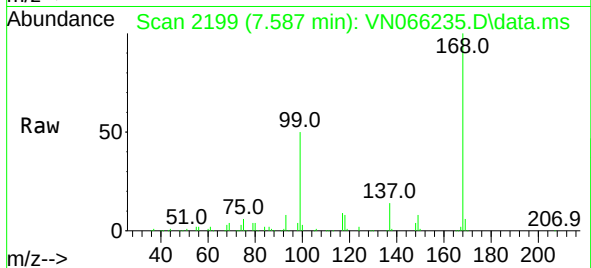
Tgt Ion: 43 Resp: 38768  
Ion Ratio Lower Upper  
43 100  
61 14.0 9.2 13.8#  
70 9.9 6.1 9.1#



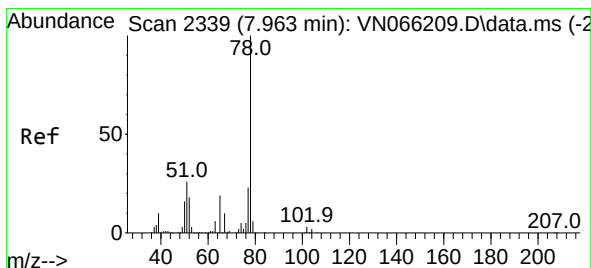
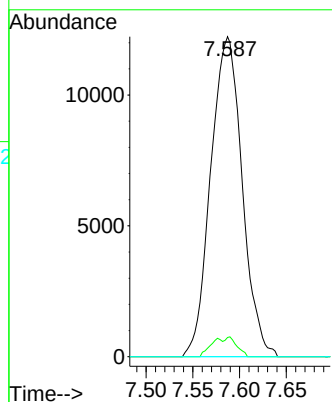
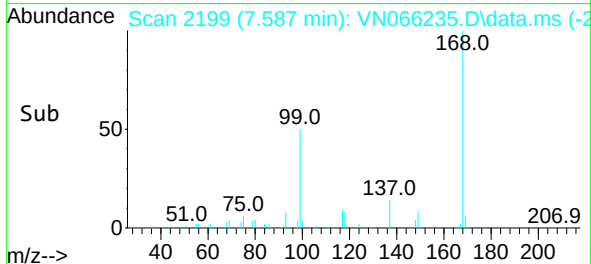


#38  
Carbon Tetrachloride  
Concen: 6.10 ug/l  
RT: 7.587 min Scan# 2199  
Delta R.T. -0.105 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

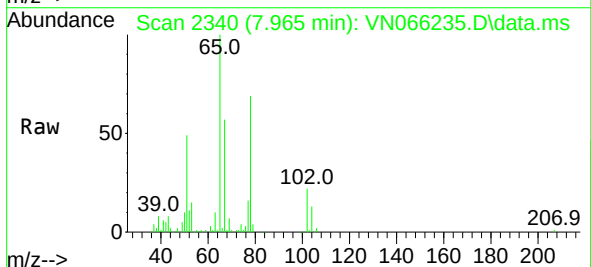
Instrument :  
MSVOA\_N  
ClientSampled :



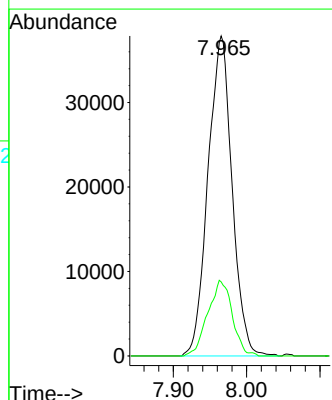
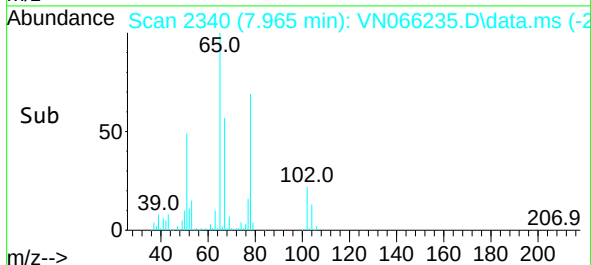
Tgt Ion:117 Resp: 28686  
Ion Ratio Lower Upper  
117 100  
119 6.0 74.6 111.8#  
121 0.0 23.9 35.9#

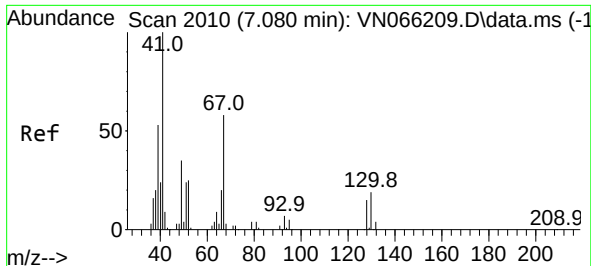


#40  
Benzene  
Concen: 5.49 ug/l  
RT: 7.965 min Scan# 2340  
Delta R.T. 0.002 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40



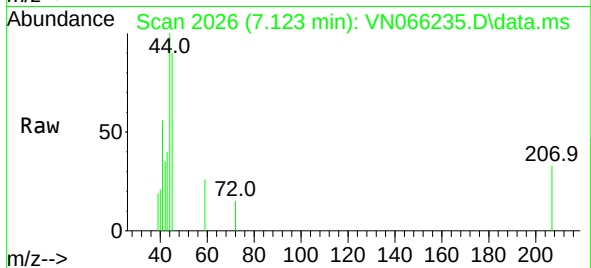
Tgt Ion: 78 Resp: 86418  
Ion Ratio Lower Upper  
78 100  
77 23.2 18.5 27.7



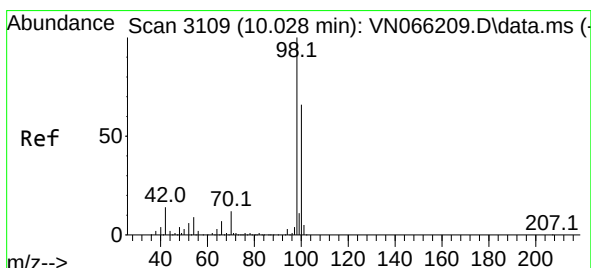
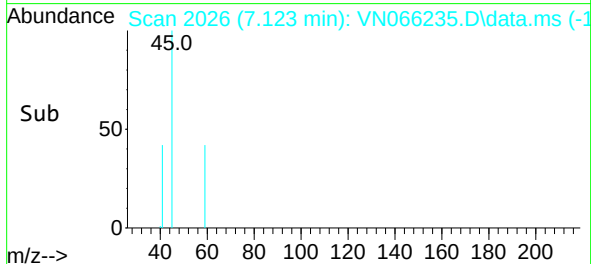
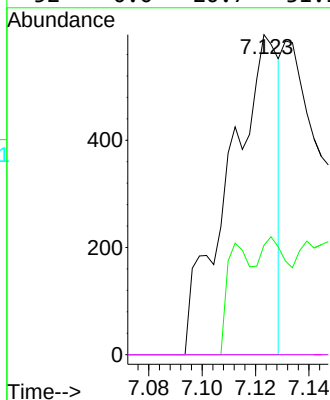


#41  
Methacrylonitrile  
Concen: 0.21 ug/l  
RT: 7.123 min Scan# 2026  
Delta R.T. 0.043 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Instrument :  
MSVOA\_N  
ClientSampled :

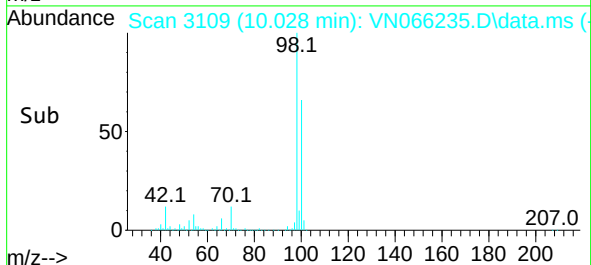
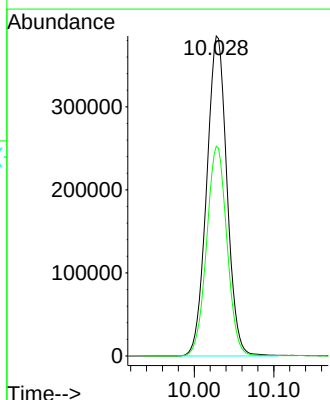
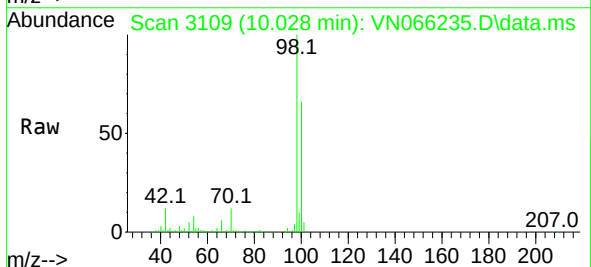


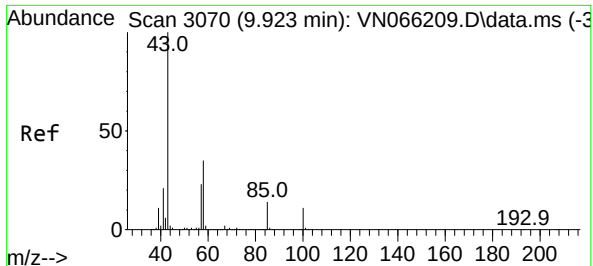
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 768   |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 12.9  | 45.0  | 67.4# |
| 67        | 0.0   | 48.2  | 72.4# |
| 52        | 0.0   | 20.7  | 31.1# |



#50  
Toluene-d8  
Concen: 53.41 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 682136 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 65.8  | 51.0  | 76.6   |

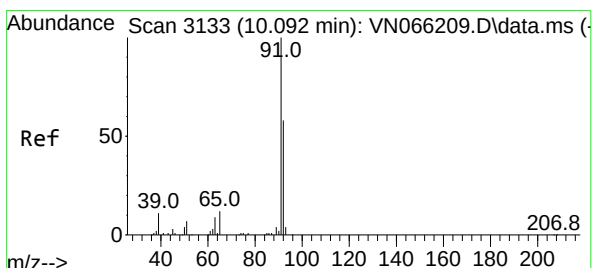
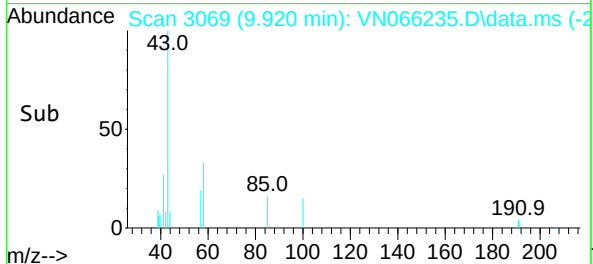
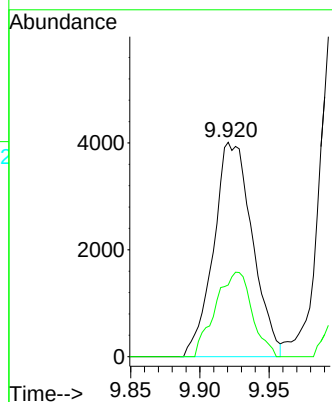
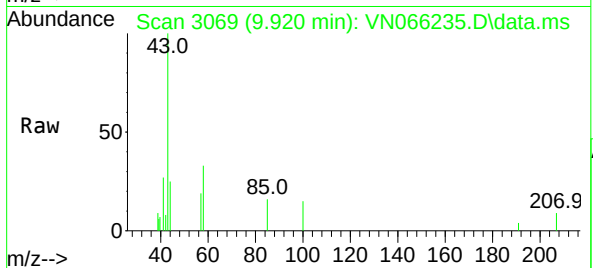




#51  
4-Methyl-2-Pentanone  
Concen: 1.12 ug/l  
RT: 9.920 min Scan# 3069  
Delta R.T. -0.003 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

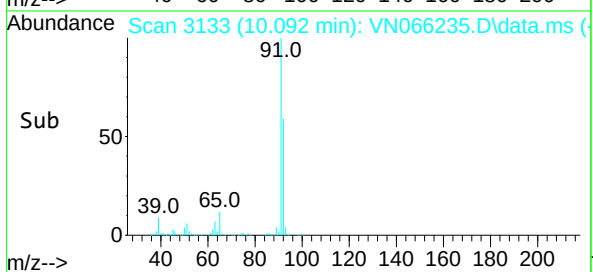
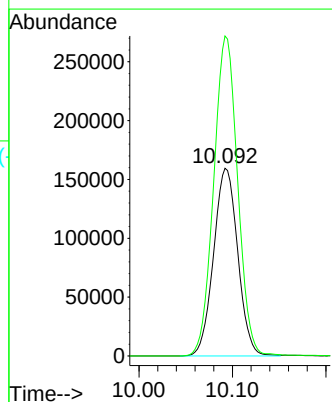
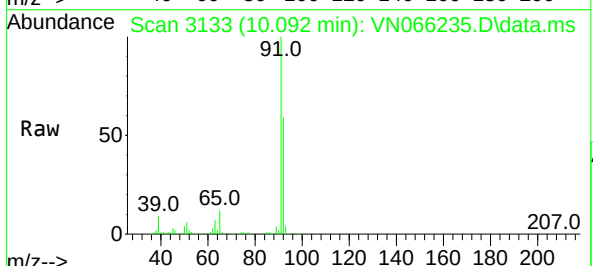
Instrument :  
MSVOA\_N  
ClientSampled :

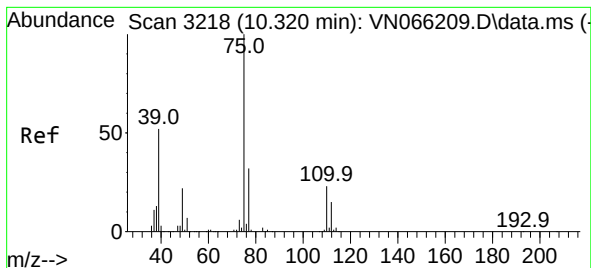
Tgt Ion: 43 Resp: 7816  
Ion Ratio Lower Upper  
43 100  
58 37.3 27.5 41.3



#52  
Toluene  
Concen: 31.39 ug/l  
RT: 10.092 min Scan# 3133  
Delta R.T. 0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 92 Resp: 286359  
Ion Ratio Lower Upper  
92 100  
91 169.3 137.5 206.3

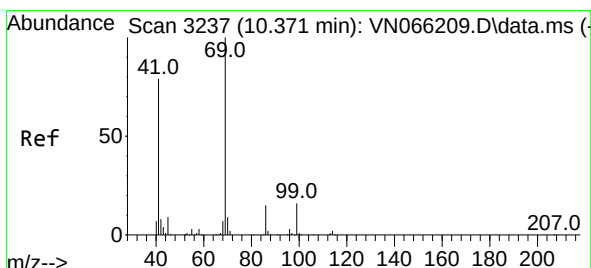
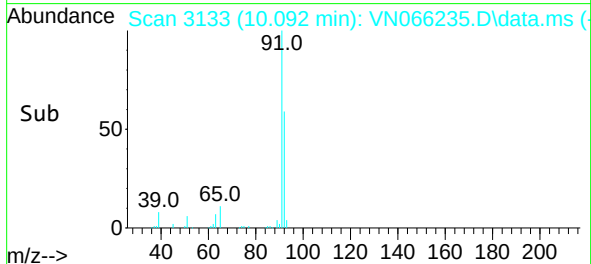
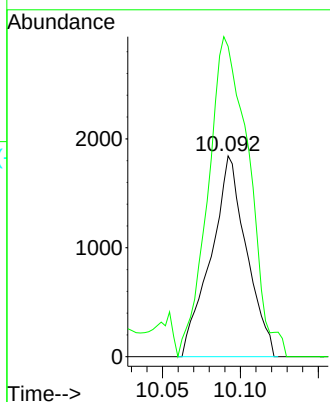
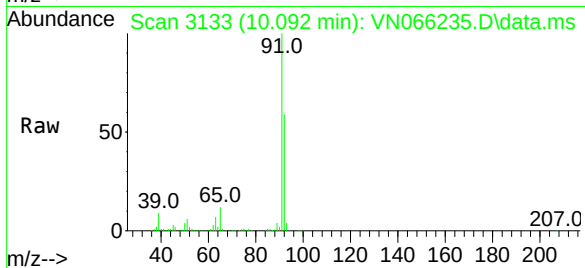




#53  
t-1,3-Dichloropropene  
Concen: 0.47 ug/l  
RT: 10.092 min Scan# 3133  
Delta R.T. -0.228 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

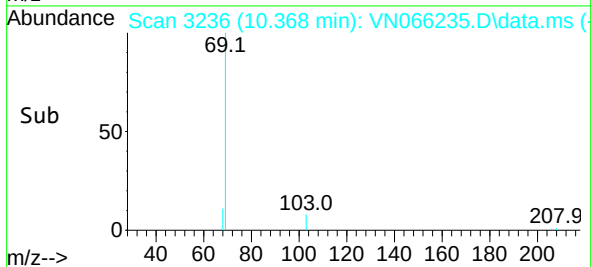
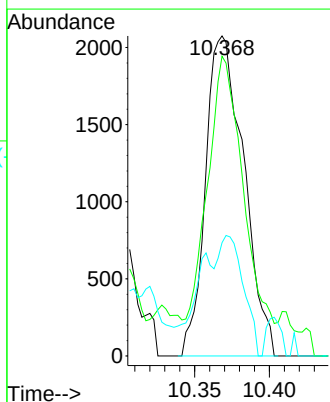
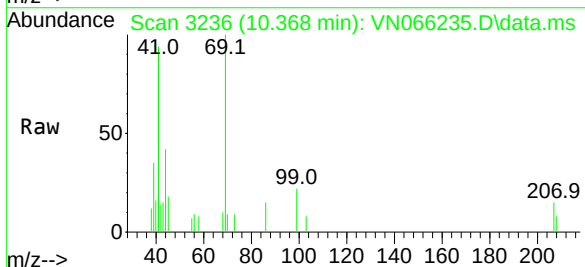
Instrument :  
MSVOA\_N  
ClientSampled :

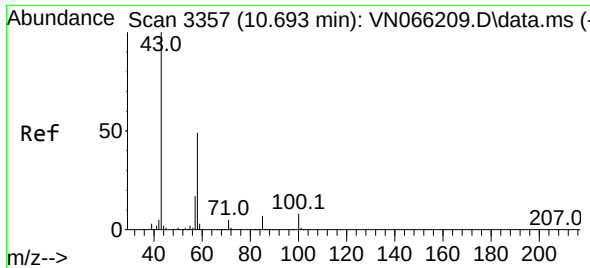
Tgt Ion: 75 Resp: 2920  
Ion Ratio Lower Upper  
75 100  
77 154.5 25.0 37.4#



#56  
Ethyl methacrylate  
Concen: 2.69 ug/l  
RT: 10.368 min Scan# 3236  
Delta R.T. -0.003 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 69 Resp: 3684  
Ion Ratio Lower Upper  
69 100  
41 73.0 66.2 99.4  
39 0.0 31.5 47.3#

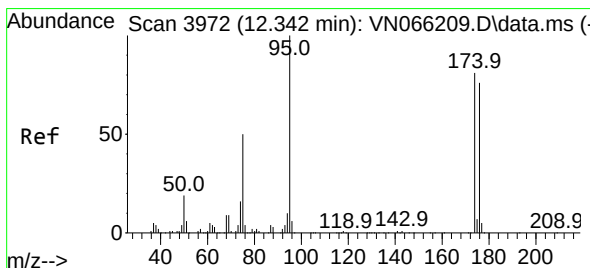
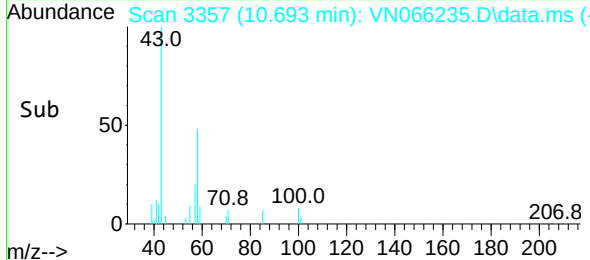
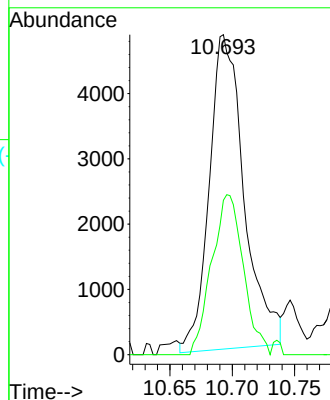
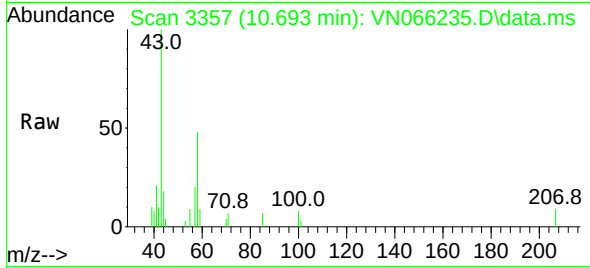




#59  
2-Hexanone  
Concen: 3.04 ug/l  
RT: 10.693 min Scan# 3357  
Delta R.T. -0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

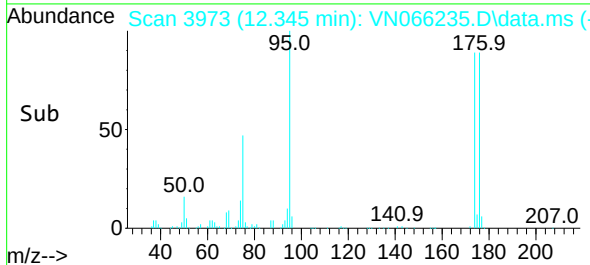
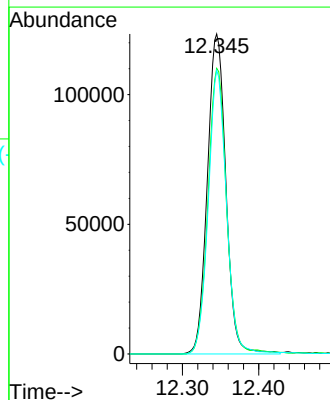
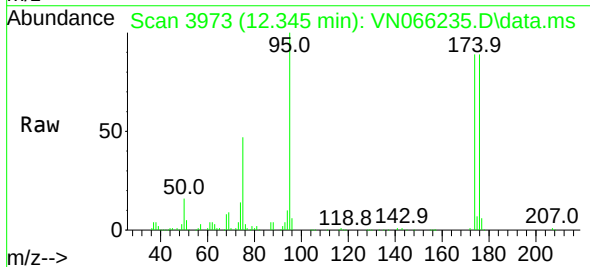
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 43 Resp: 9365  
Ion Ratio Lower Upper  
43 100  
58 46.3 23.8 71.5

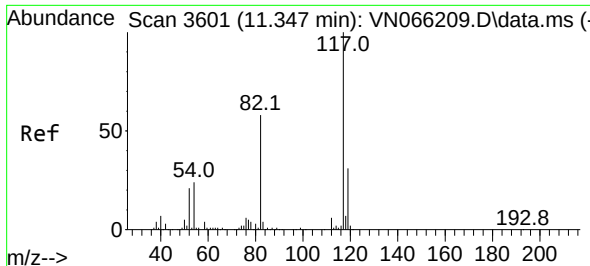


#62  
4-Bromofluorobenzene  
Concen: 45.24 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. 0.003 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 95 Resp: 208303  
Ion Ratio Lower Upper  
95 100  
174 88.3 0.0 162.4  
176 86.5 0.0 156.2



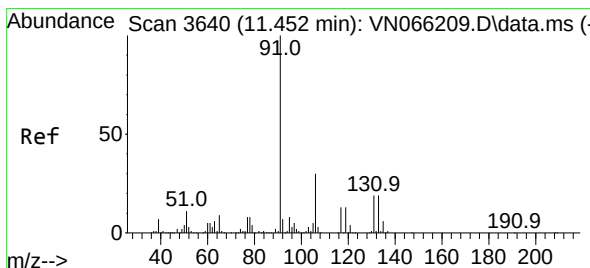
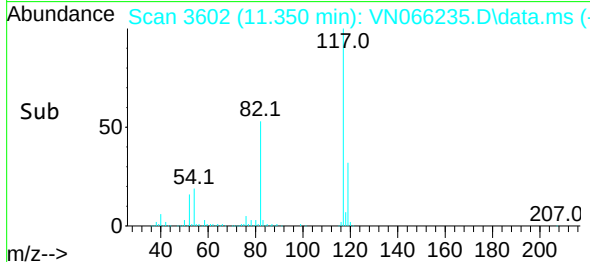
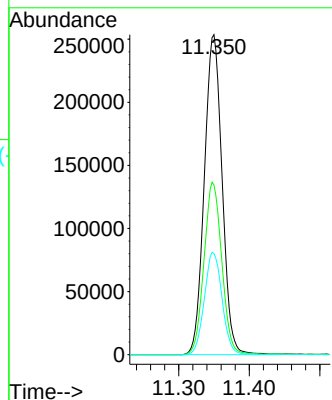
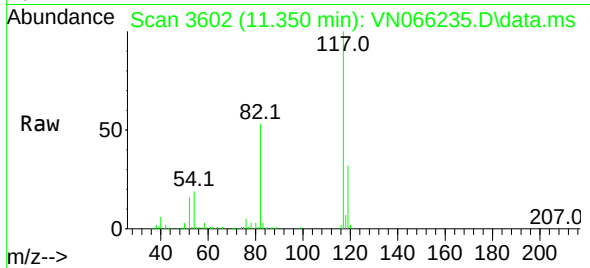




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.350 min Scan# 3602  
Delta R.T. 0.003 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

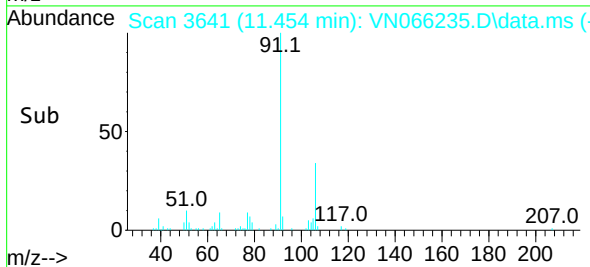
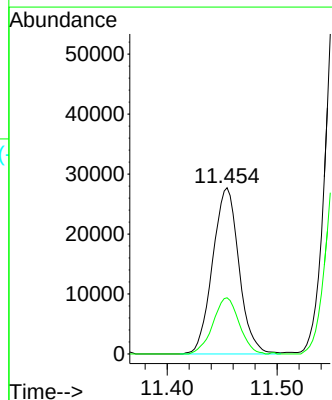
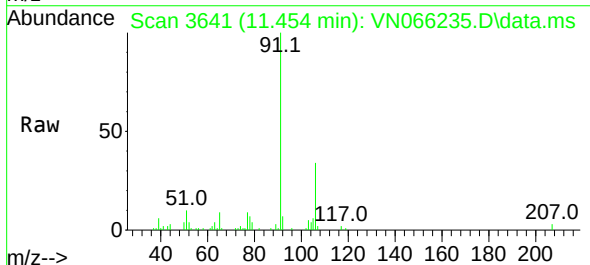
Instrument :  
MSVOA\_N  
ClientSampled :

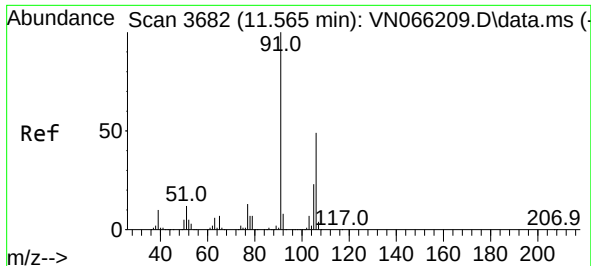
Tgt Ion:117 Resp: 445198  
Ion Ratio Lower Upper  
117 100  
82 53.0 49.0 73.6  
119 31.6 25.7 38.5



#67  
Ethyl Benzene  
Concen: 2.92 ug/l  
RT: 11.454 min Scan# 3641  
Delta R.T. 0.002 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 91 Resp: 46248  
Ion Ratio Lower Upper  
91 100  
106 33.8 24.2 36.2

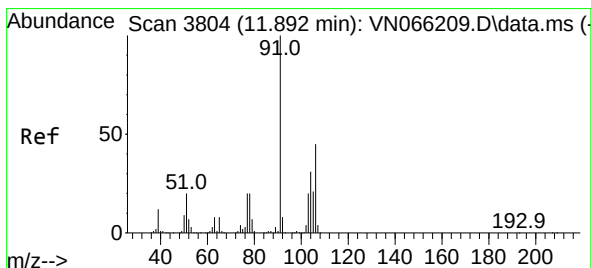
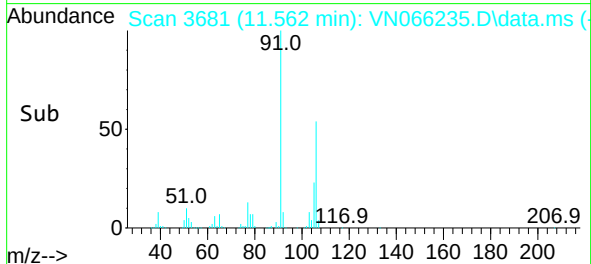
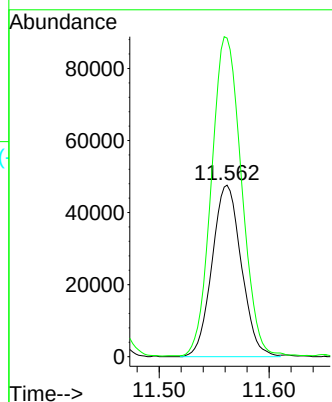
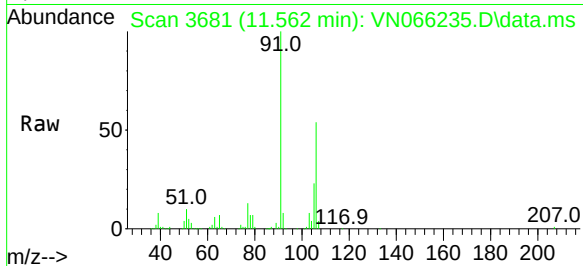




#68  
m/p-Xylenes  
Concen: 14.97 ug/l  
RT: 11.562 min Scan# 3681  
Delta R.T. -0.003 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

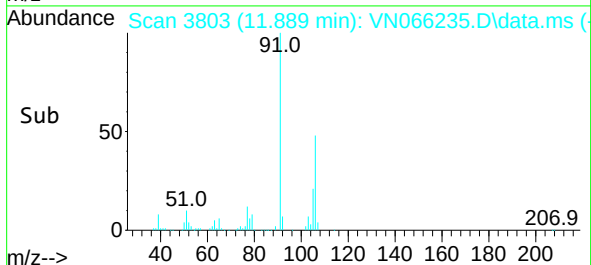
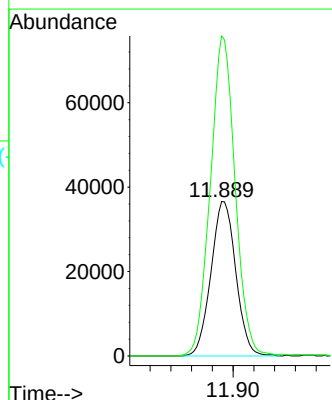
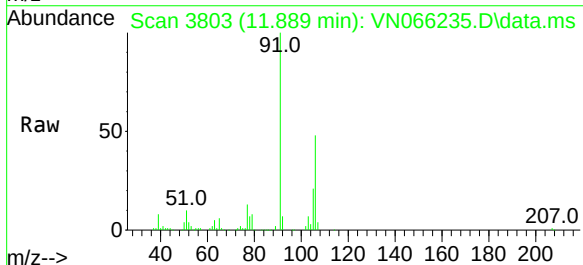
Instrument :  
MSVOA\_N  
ClientSampled :

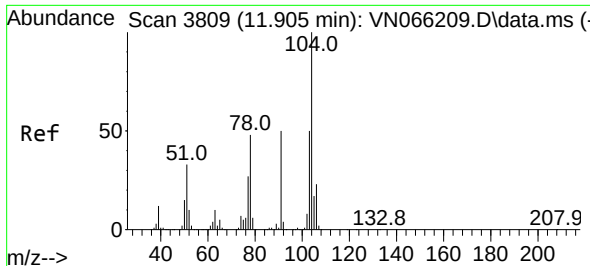
Tgt Ion:106 Resp: 88002  
Ion Ratio Lower Upper  
106 100  
91 191.1 168.2 252.4



#69  
o-Xylene  
Concen: 10.76 ug/l  
RT: 11.889 min Scan# 3803  
Delta R.T. -0.003 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion:106 Resp: 60767  
Ion Ratio Lower Upper  
106 100  
91 206.6 111.8 335.3

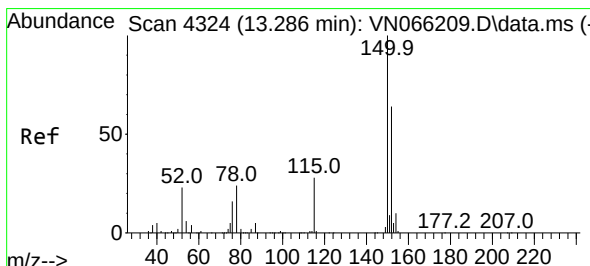
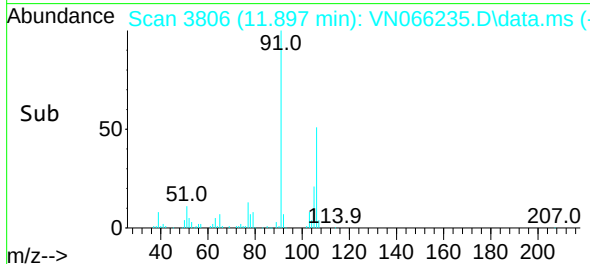
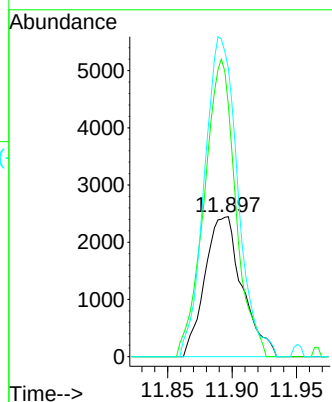
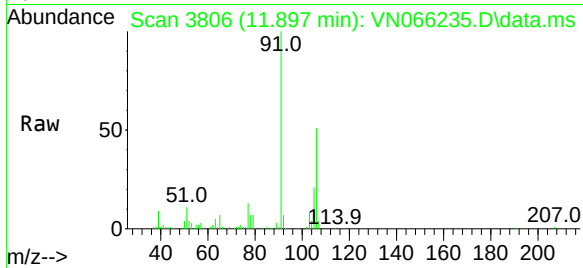




#70  
Styrene  
Concen: 2.60 ug/l  
RT: 11.897 min Scan# 3806  
Delta R.T. -0.008 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

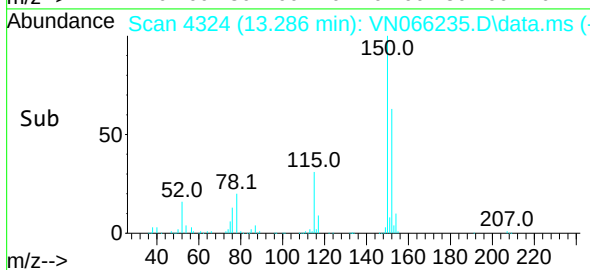
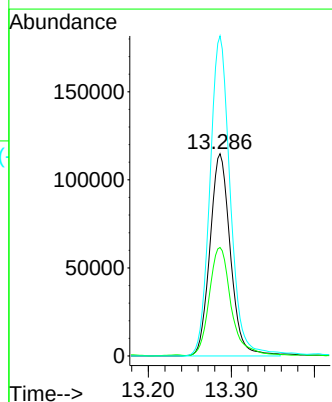
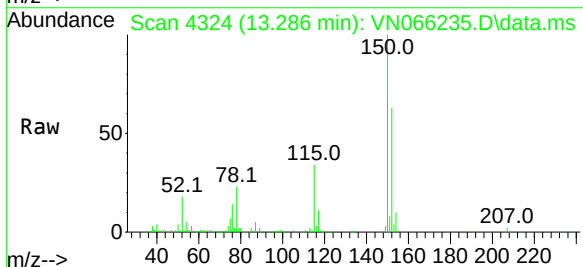
Instrument :  
MSVOA\_N  
ClientSampled :

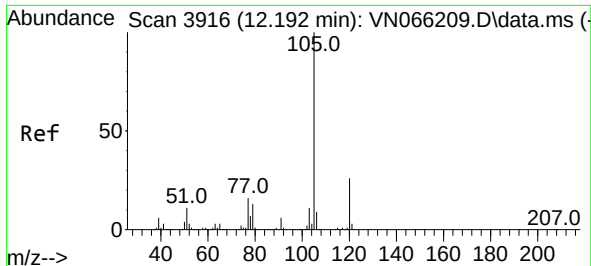
Tgt Ion:104 Resp: 4933  
Ion Ratio Lower Upper  
104 100  
78 178.9 43.8 65.6#  
103 203.8 43.7 65.5#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.286 min Scan# 4324  
Delta R.T. 0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion:152 Resp: 196248  
Ion Ratio Lower Upper  
152 100  
115 56.9 29.4 88.3  
150 158.8 0.0 352.2

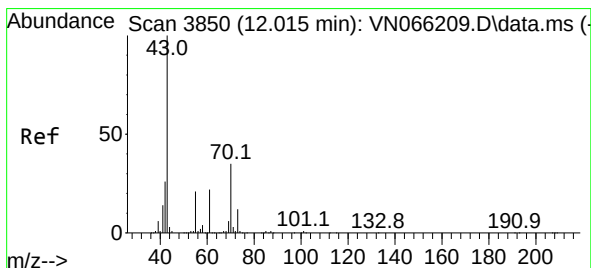
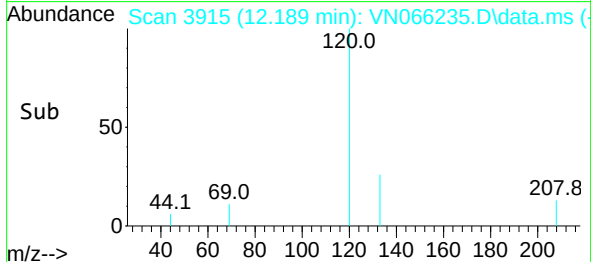
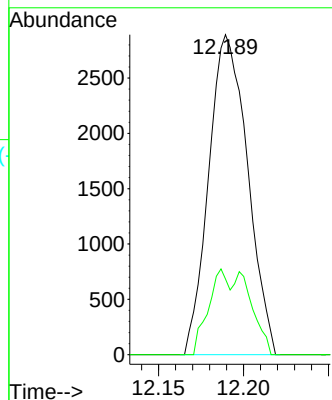
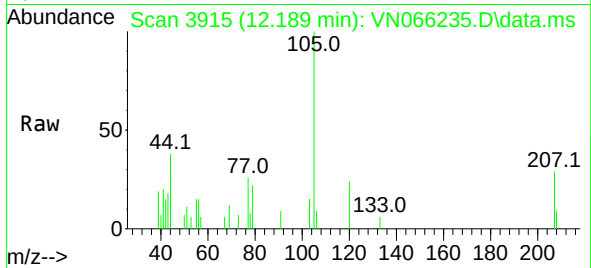




#73  
Isopropylbenzene  
Concen: 0.33 ug/l  
RT: 12.189 min Scan# 3915  
Delta R.T. -0.003 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

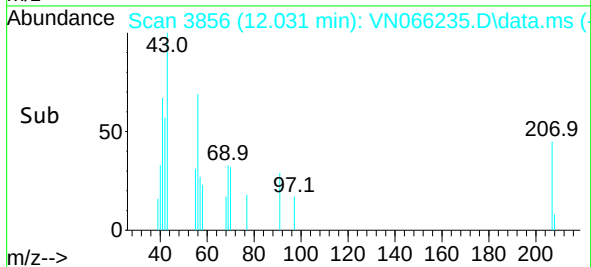
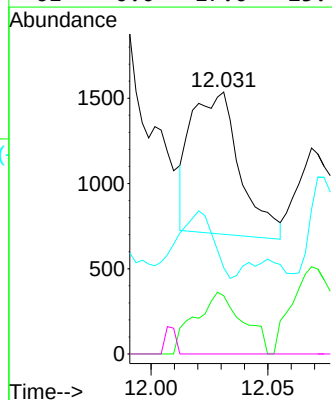
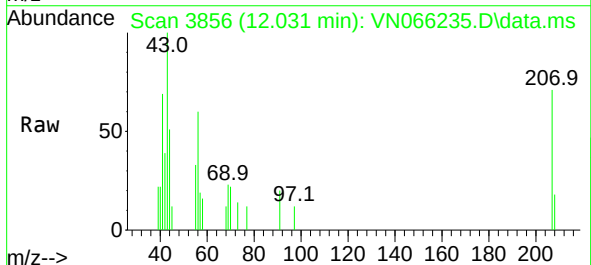
Instrument :  
MSVOA\_N  
ClientSampled :

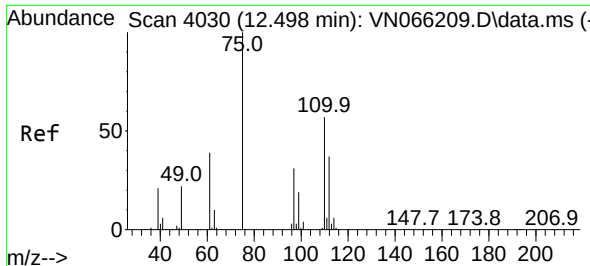
Tgt Ion:105 Resp: 4593  
Ion Ratio Lower Upper  
105 100  
120 14.6 12.8 38.3



#74  
N-ethyl acetate  
Concen: 2.31 ug/l  
RT: 12.031 min Scan# 3856  
Delta R.T. 0.016 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 43 Resp: 1199  
Ion Ratio Lower Upper  
43 100  
70 43.0 26.2 39.4#  
55 0.0 17.2 25.8#  
61 0.0 17.0 25.4#

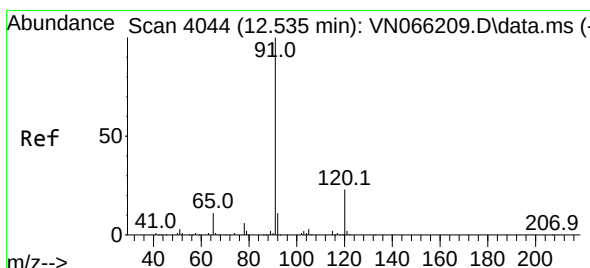
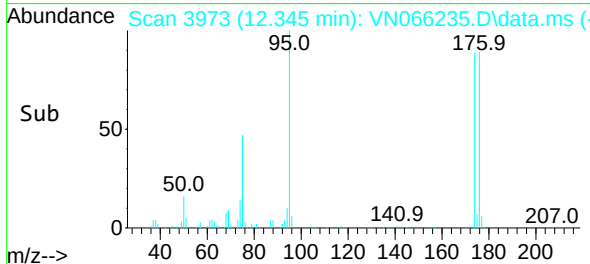
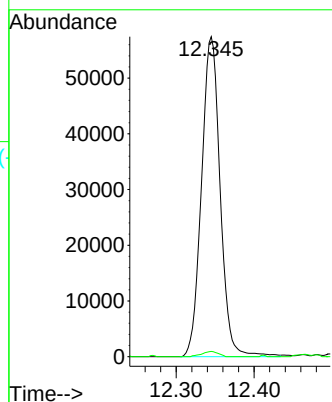
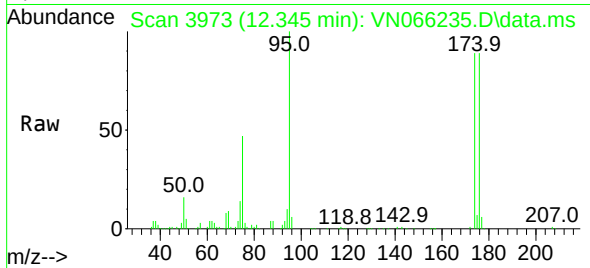




#76  
1,2,3-Trichloropropane  
Concen: 18.93 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. -0.153 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

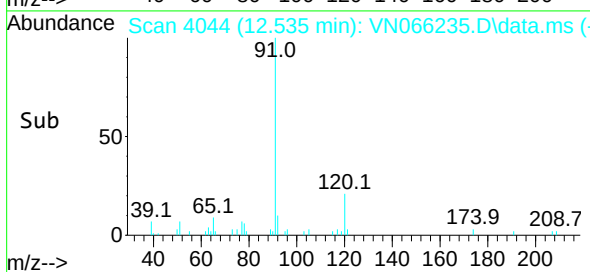
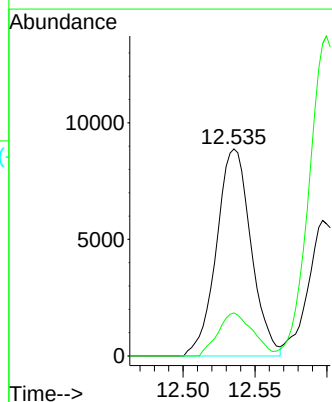
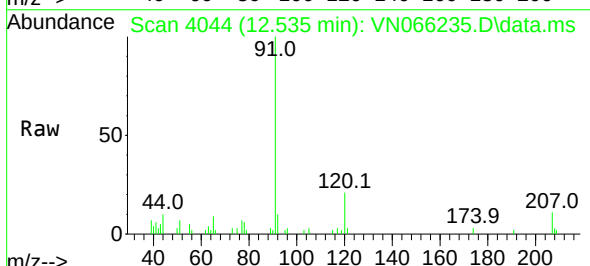
Instrument :  
MSVOA\_N  
ClientSampled :

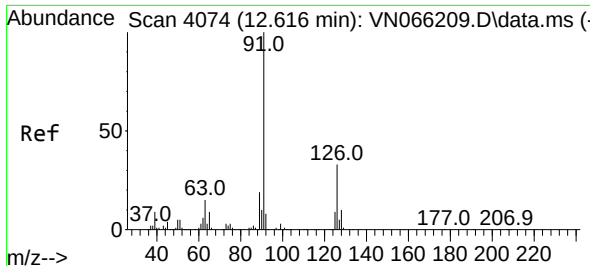
Tgt Ion: 75 Resp: 95917  
Ion Ratio Lower Upper  
75 100  
77 1.4 0.0 0.0#



#78  
n-propylbenzene  
Concen: 0.94 ug/l  
RT: 12.535 min Scan# 4044  
Delta R.T. 0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 91 Resp: 14824  
Ion Ratio Lower Upper  
91 100  
120 20.8 10.8 32.4

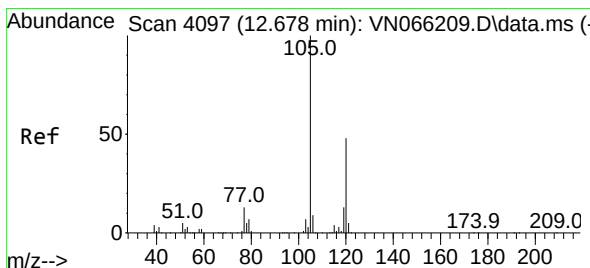
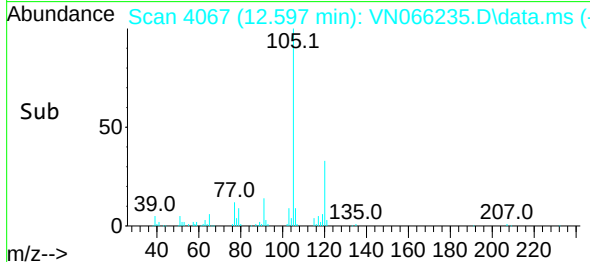
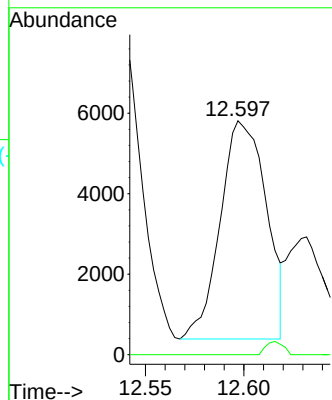
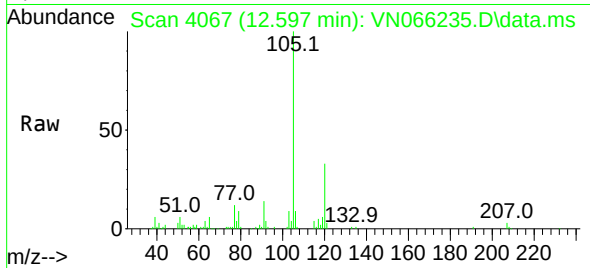




#79  
2-Chlorotoluene  
Concen: 0.91 ug/l  
RT: 12.597 min Scan# 4067  
Delta R.T. -0.019 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

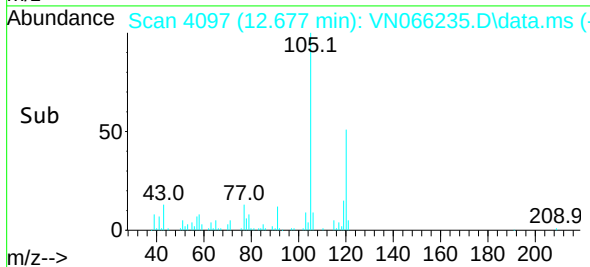
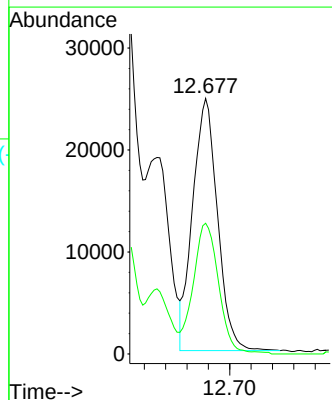
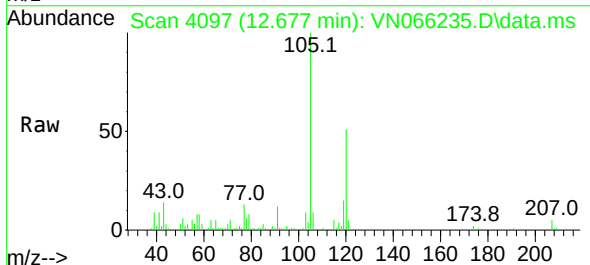
Instrument :  
MSVOA\_N  
ClientSampleId :

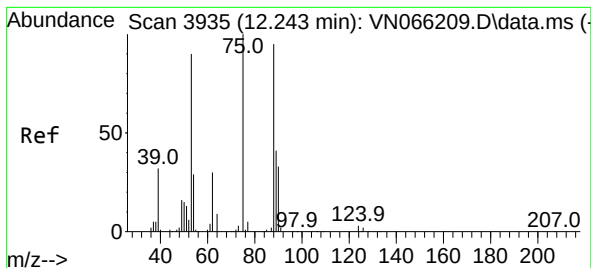
Tgt Ion: 91 Resp: 8808  
Ion Ratio Lower Upper  
91 100  
126 2.3 16.3 48.8#



#80  
1,3,5-Trimethylbenzene  
Concen: 3.50 ug/l  
RT: 12.677 min Scan# 4097  
Delta R.T. -0.001 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 105 Resp: 39903  
Ion Ratio Lower Upper  
105 100  
120 53.2 23.9 71.8

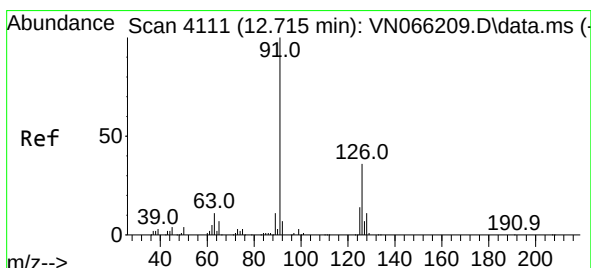
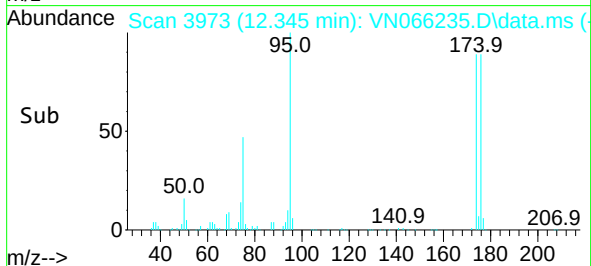
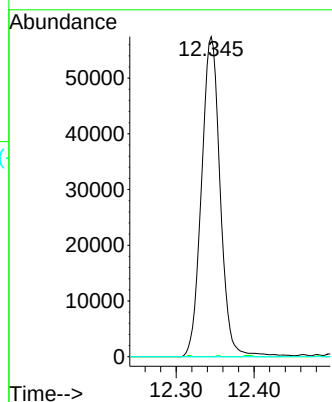
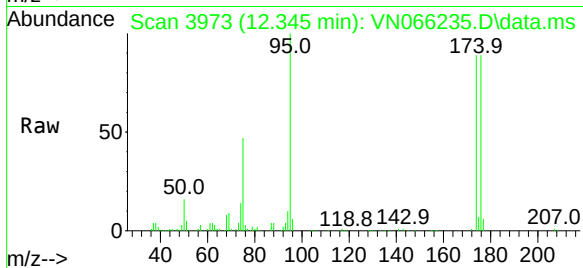




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.64 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. 0.102 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

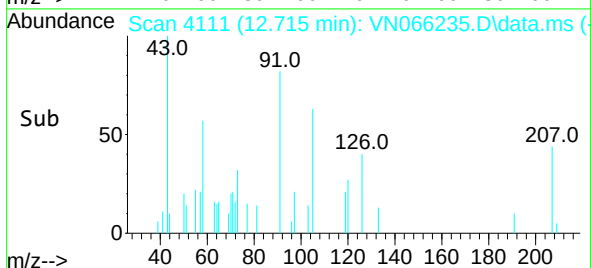
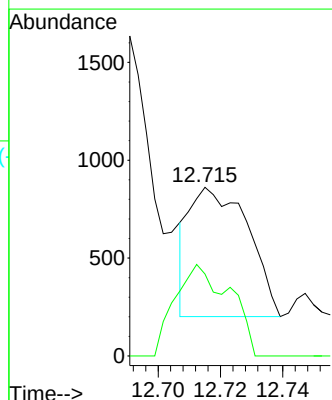
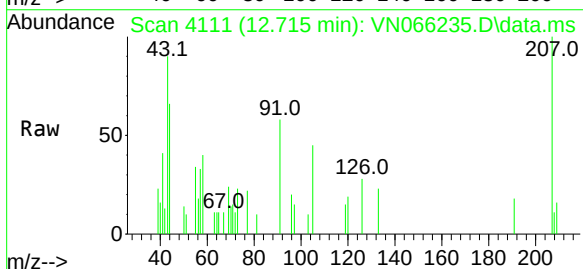
Instrument :  
MSVOA\_N  
ClientSampleId :

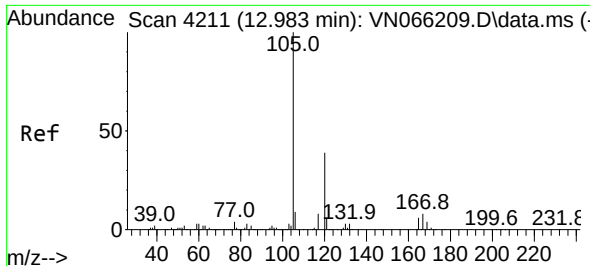
Tgt Ion: 75 Resp: 95917  
Ion Ratio Lower Upper  
75 100  
53 0.1 77.8 116.6#  
89 0.0 33.7 50.5#



#82  
4-Chlorotoluene  
Concen: 0.55 ug/l  
RT: 12.715 min Scan# 4111  
Delta R.T. 0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 91 Resp: 863  
Ion Ratio Lower Upper  
91 100  
126 66.0 15.7 47.1#

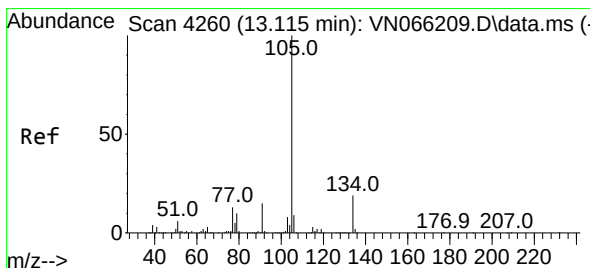
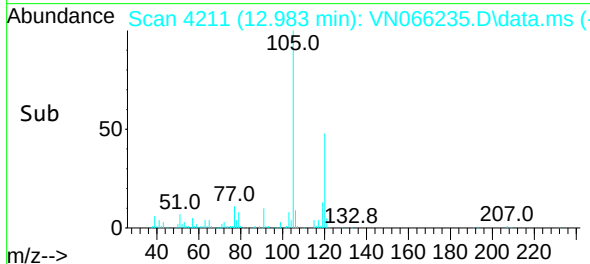
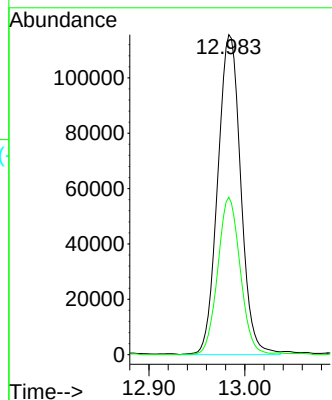
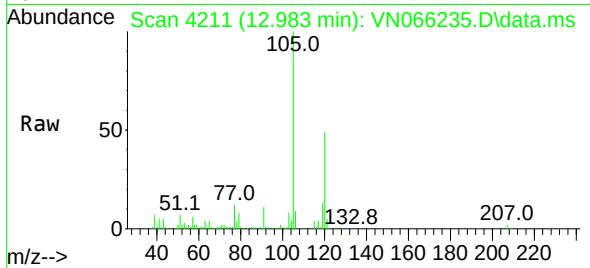




#84  
1,2,4-Trimethylbenzene  
Concen: 17.26 ug/l  
RT: 12.983 min Scan# 4211  
Delta R.T. 0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

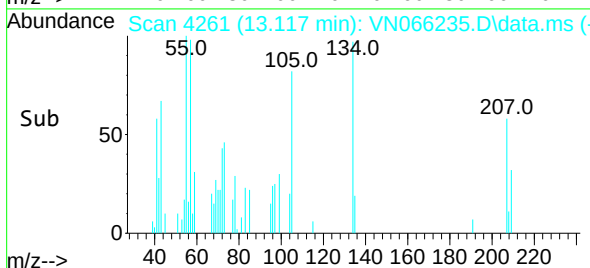
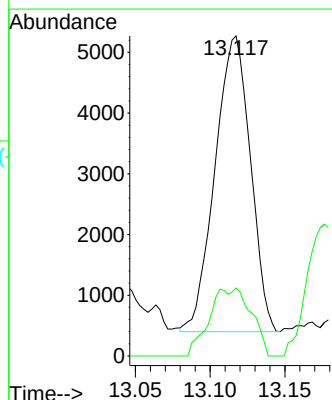
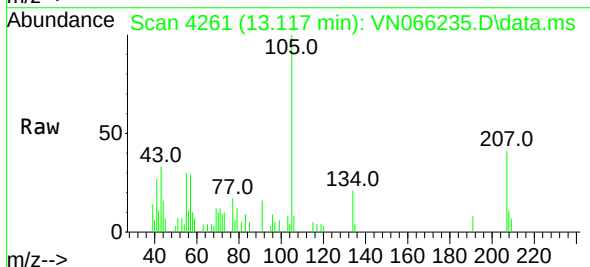
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:105 Resp: 192477  
Ion Ratio Lower Upper  
105 100  
120 47.5 22.1 66.5

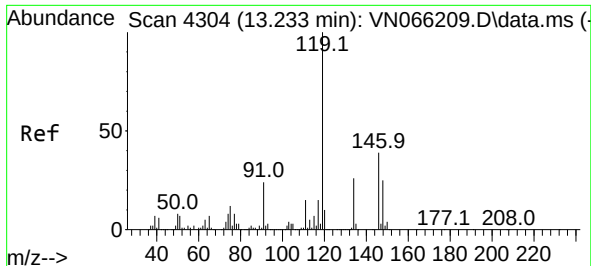


#85  
sec-Butylbenzene  
Concen: 0.63 ug/l  
RT: 13.117 min Scan# 4261  
Delta R.T. 0.002 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion:105 Resp: 8035  
Ion Ratio Lower Upper  
105 100  
134 13.3 9.6 28.8



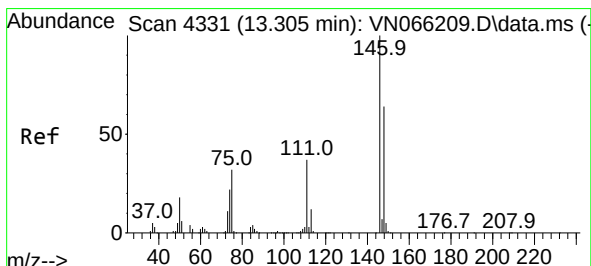
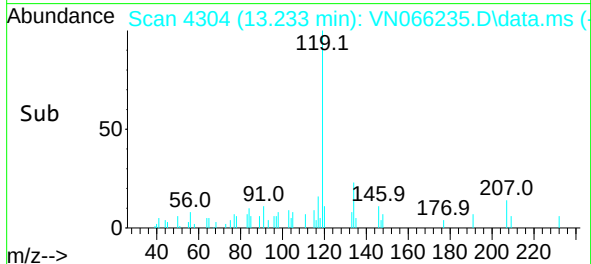
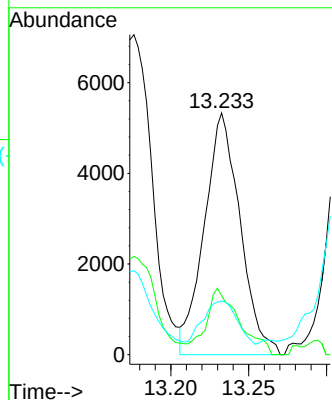
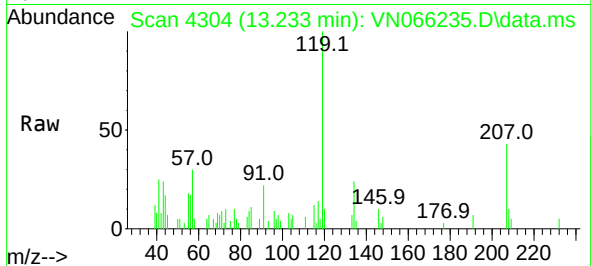




#86  
p-Isopropyltoluene  
Concen: 0.76 ug/l  
RT: 13.233 min Scan# 4304  
Delta R.T. -0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

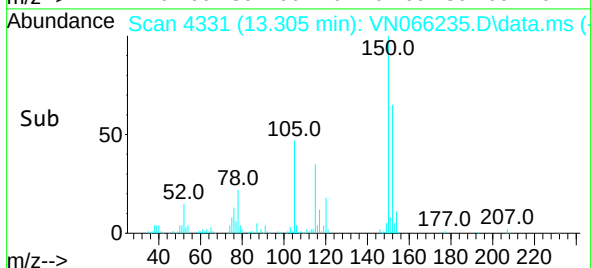
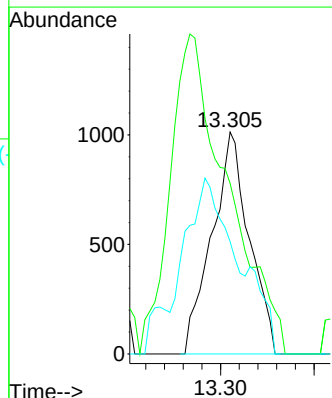
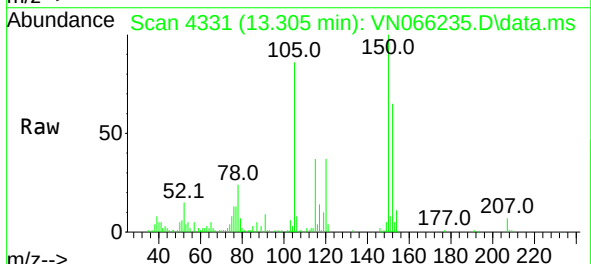
Instrument :  
MSVOA\_N  
ClientSampled :

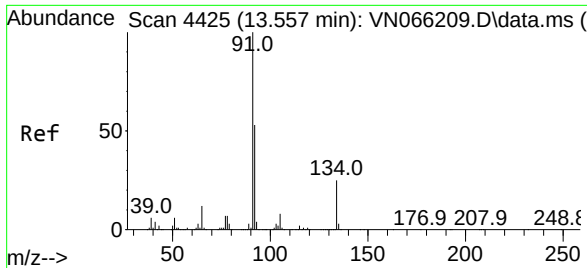
Tgt Ion:119 Resp: 8513  
Ion Ratio Lower Upper  
119 100  
134 25.8 13.1 39.1  
91 16.7 12.0 36.0



#88  
1,4-Dichlorobenzene  
Concen: 0.22 ug/l  
RT: 13.305 min Scan# 4331  
Delta R.T. 0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion:146 Resp: 1399  
Ion Ratio Lower Upper  
146 100  
111 0.0 19.9 59.7#  
148 0.0 33.2 99.6#

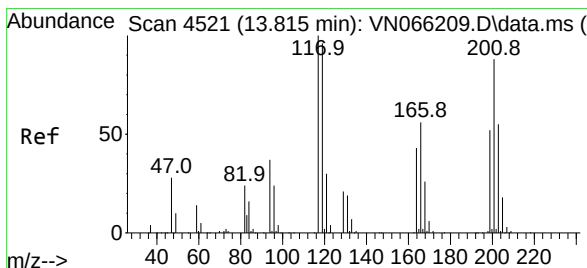
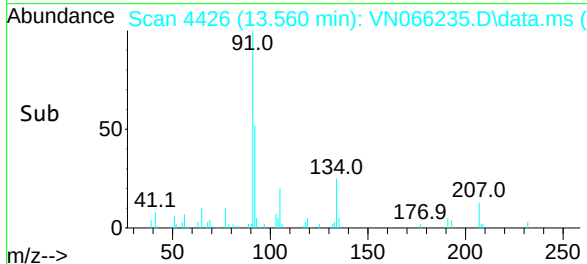
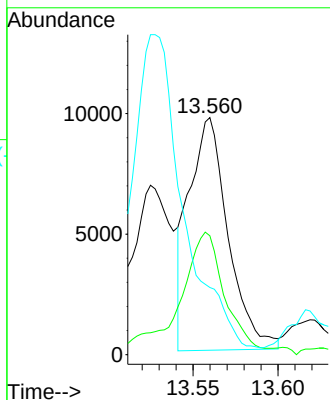
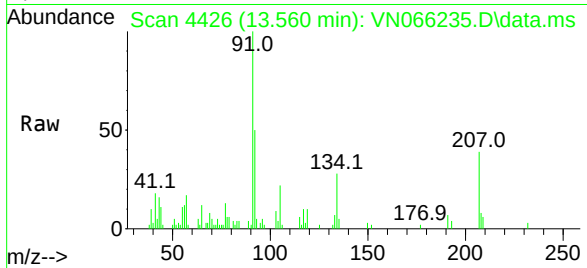




#89  
n-Butylbenzene  
Concen: 3.55 ug/l  
RT: 13.560 min Scan# 4426  
Delta R.T. 0.003 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

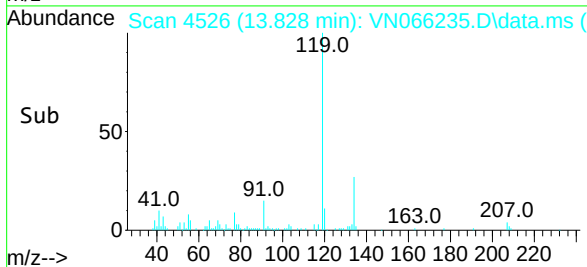
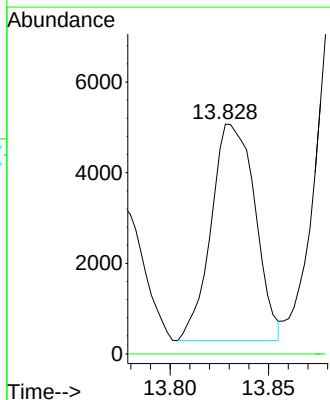
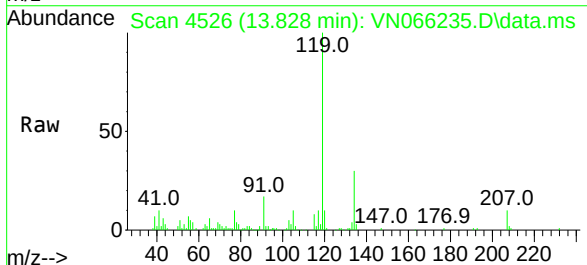
Instrument :  
MSVOA\_N  
ClientSampled :

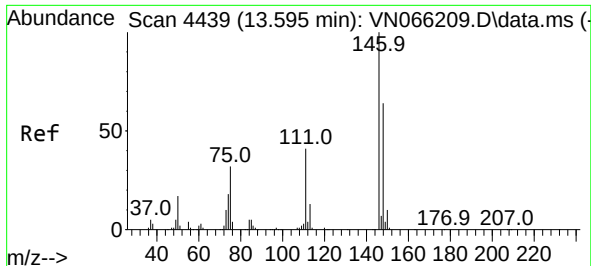
Tgt Ion: 91 Resp: 15451  
Ion Ratio Lower Upper  
91 100  
92 56.1 25.7 77.0  
134 0.0 11.8 35.4#



#90  
Hexachloroethane  
Concen: 3.78 ug/l  
RT: 13.828 min Scan# 4526  
Delta R.T. 0.013 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 117 Resp: 7397  
Ion Ratio Lower Upper  
117 100  
201 0.0 42.5 127.5#

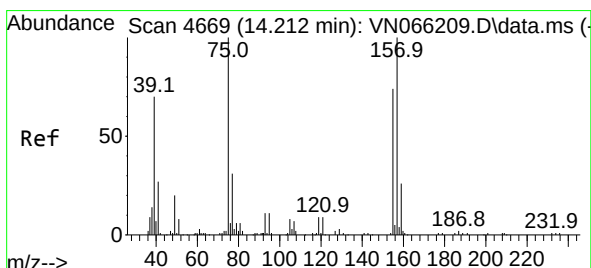
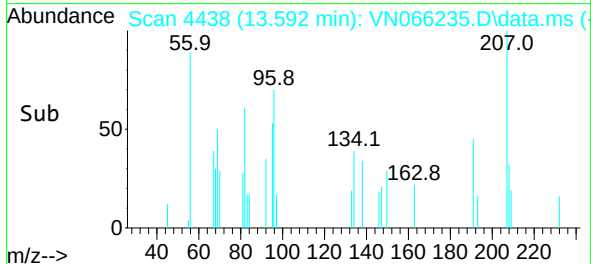
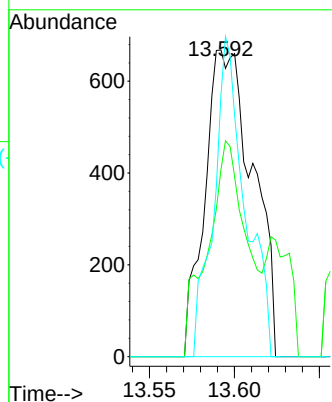
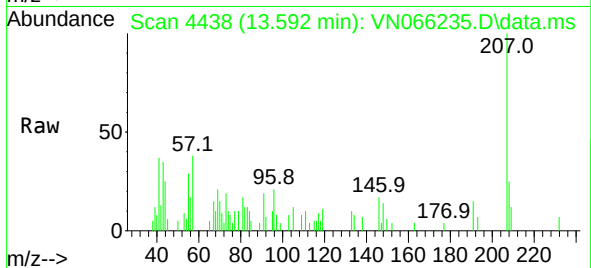




#91  
1,2-Dichlorobenzene  
Concen: 0.22 ug/l  
RT: 13.592 min Scan# 4438  
Delta R.T. -0.003 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

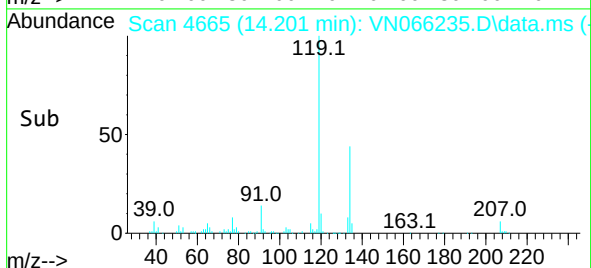
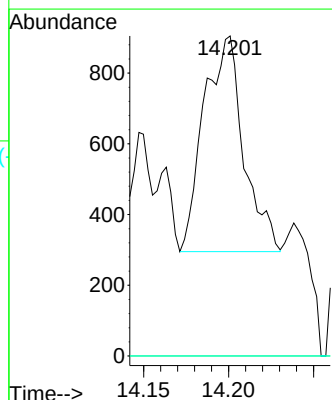
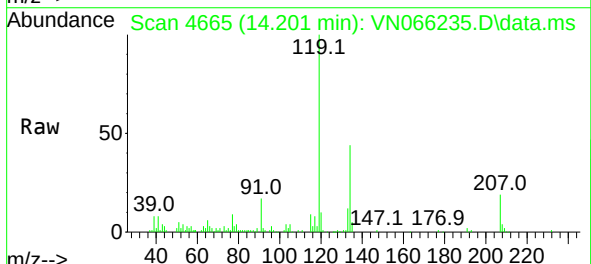
Instrument :  
MSVOA\_N  
ClientSampleId :

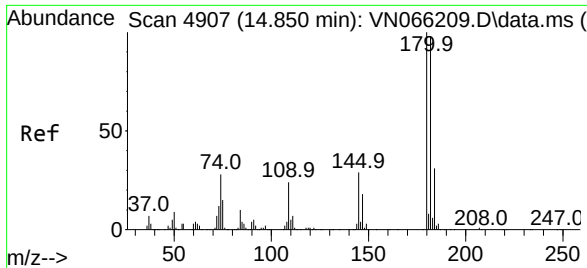
Tgt Ion:146 Resp: 1317  
Ion Ratio Lower Upper  
146 100  
111 57.0 20.9 62.7  
148 67.7 31.2 93.6



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.75 ug/l  
RT: 14.201 min Scan# 4665  
Delta R.T. -0.011 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion: 75 Resp: 993  
Ion Ratio Lower Upper  
75 100  
155 0.0 36.5 109.7#  
157 0.0 46.3 138.8#

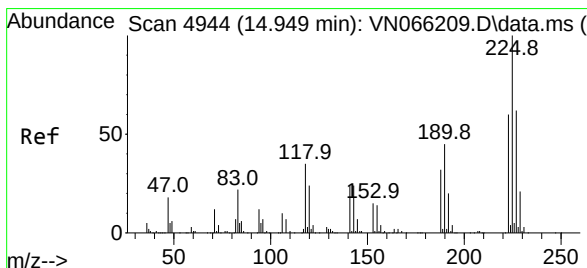
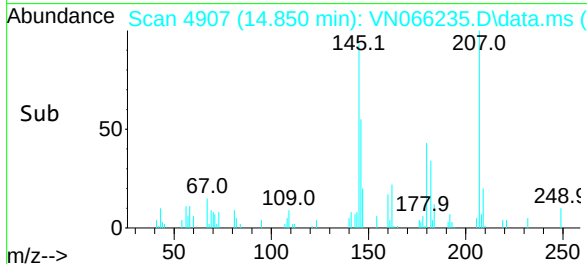
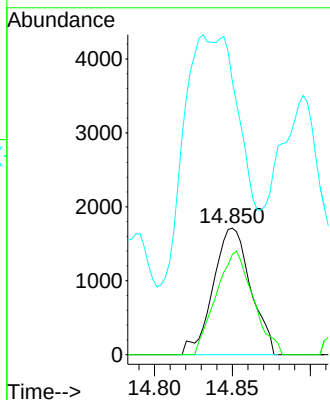
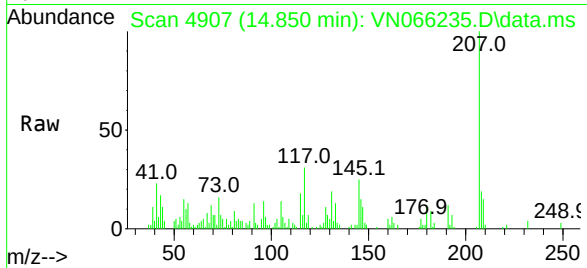




#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.73 ug/l  
 RT: 14.850 min Scan# 4907  
 Delta R.T. -0.000 min  
 Lab File: VN066235.D  
 Acq: 17 Mar 2021 15:40

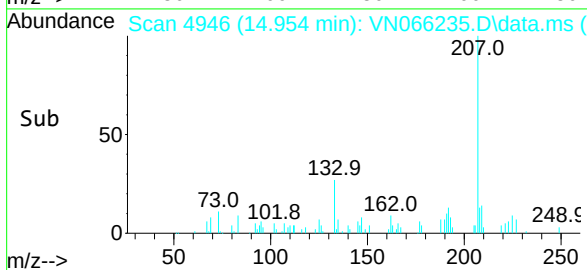
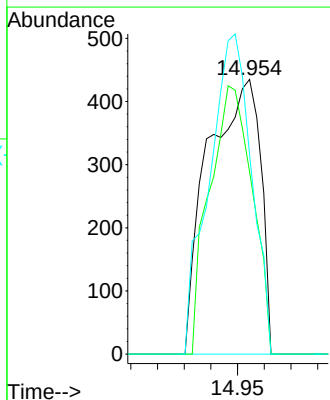
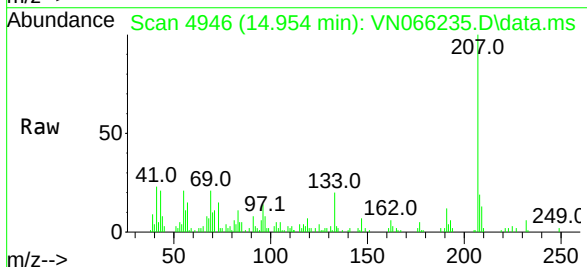
Instrument :  
 MSVOA\_N  
 ClientSampled :

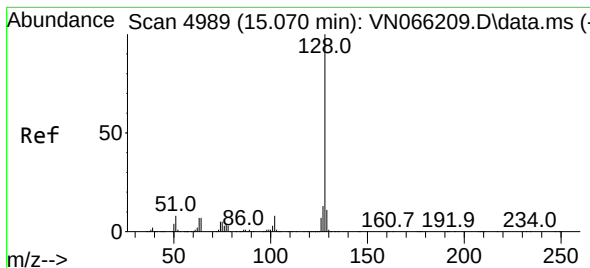
Tgt Ion:180 Resp: 2872  
 Ion Ratio Lower Upper  
 180 100  
 182 80.7 47.4 142.2  
 145 0.0 14.1 42.3#



#94  
 Hexachlorobutadiene  
 Concen: 0.31 ug/l  
 RT: 14.954 min Scan# 4946  
 Delta R.T. 0.005 min  
 Lab File: VN066235.D  
 Acq: 17 Mar 2021 15:40

Tgt Ion:225 Resp: 590  
 Ion Ratio Lower Upper  
 225 100  
 223 80.0 31.3 93.8  
 227 94.6 31.9 95.7

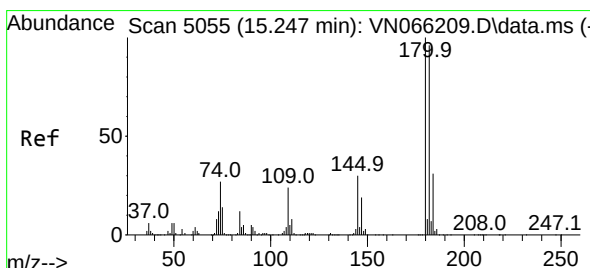
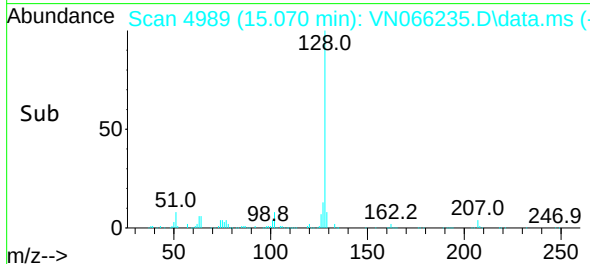
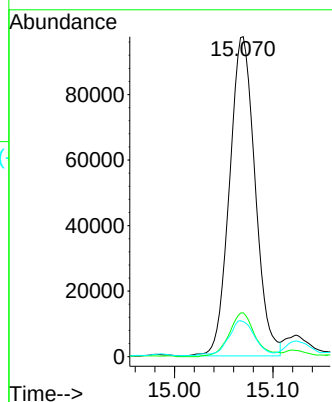
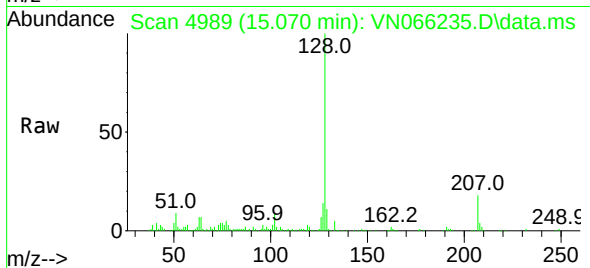




#95  
Naphthalene  
Concen: 15.32 ug/l  
RT: 15.070 min Scan# 4989  
Delta R.T. -0.000 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:128 Resp: 176265  
Ion Ratio Lower Upper  
128 100  
127 13.9 10.3 15.5  
129 11.0 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 0.92 ug/l  
RT: 15.249 min Scan# 5056  
Delta R.T. 0.002 min  
Lab File: VN066235.D  
Acq: 17 Mar 2021 15:40

Tgt Ion:180 Resp: 3623  
Ion Ratio Lower Upper  
180 100  
182 75.2 47.9 143.8  
145 0.0 15.6 46.8#

