

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060521\  
 Data File : VN067227.D  
 Acq On : 5 Jun 2021 14:04  
 Operator : JC/MD  
 Sample : M2589-30  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FOUNDATION-EXCAVATION-SAMP

Quant Time: Jun 07 01:14:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060421W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 04 19:00:20 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.091          | 168  | 246400     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.971          | 114  | 420974     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.749         | 117  | 463460     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.678         | 152  | 297062     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.445          | 65   | 153596     | 45.730    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 91.460%   |        |          |
| 35) Dibromofluoromethane      | 8.027          | 113  | 124295     | 47.627    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 95.260%   |        |          |
| 50) Toluene-d8                | 10.446         | 98   | 564171     | 53.080    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 106.160%  |        |          |
| 62) 4-Bromofluorobenzene      | 12.736         | 95   | 295025     | 72.070    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 144.140%# |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           | Qvalue |          |
| 13) Acrolein                  | 4.041          | 56   | 119        | Below Cal | #      | 69       |
| 16) Acetone                   | 4.293          | 43   | 45877      | 39.585    | ug/l   | 94       |
| 20) Methylene Chloride        | 5.109          | 84   | 6358       | 2.179     | ug/l   | 88       |
| 25) 2-Butanone                | 7.351          | 43   | 6295       | 3.392     | ug/l # | 89       |
| 29) Tetrahydrofuran           | 7.697          | 42   | 266        | 0.241     | ug/l # | 43       |
| 31) Cyclohexane               | 8.094          | 56   | 10494      | 2.327     | ug/l # | 61       |
| 36) 1,1-Dichloropropene       | 8.088          | 75   | 18212      | 4.684     | ug/l # | 48       |
| 37) Ethyl Acetate             | 7.351          | 43   | 6295       | 1.680     | ug/l # | 65       |
| 38) Carbon Tetrachloride      | 8.091          | 117  | 23534      | 5.543     | ug/l # | 15       |
| 39) Methylcyclohexane         | 9.467          | 83   | 17374      | 3.945     | ug/l   | 95       |
| 40) Benzene                   | 8.467          | 78   | 704127     | 58.364    | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.566          | 43   | 17626      | 2.473     | ug/l # | 83       |
| 45) 1,2-Dichloropropane       | 9.625          | 63   | 865        | 0.288     | ug/l # | 45       |
| 48) Methyl methacrylate       | 9.542          | 41   | 4339       | 1.405     | ug/l # | 9        |
| 51) 4-Methyl-2-Pentanone      | 10.336         | 43   | 3061       | 0.733     | ug/l # | 83       |
| 52) Toluene                   | 10.510         | 92   | 2442349    | 306.926   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.510         | 75   | 28714      | 5.641     | ug/l # | 1        |
| 54) cis-1,3-Dichloropropene   | 10.247         | 75   | 26984      | 5.241     | ug/l # | 69       |
| 55) 1,1,2-Trichloroethane     | 10.880         | 97   | 3624       | 1.200     | ug/l # | 20       |
| 56) Ethyl methacrylate        | 10.784         | 69   | 1697       | 0.344     | ug/l # | 1        |
| 57) 1,3-Dichloropropane       | 11.095         | 76   | 17041      | 3.423     | ug/l # | 42       |
| 59) 2-Hexanone                | 11.095         | 43   | 253337     | 83.463    | ug/l # | 45       |
| 67) Ethyl Benzene             | 11.851         | 91   | 608616     | 33.484    | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.956         | 106  | 2401291    | 336.600   | ug/l   | 96       |
| 69) o-Xylene                  | 12.286         | 106  | 1307765    | 187.572   | ug/l   | 96       |
| 70) Styrene                   | 12.286         | 104  | 66070      | 5.549     | ug/l # | 1        |
| 71) Bromoform                 | 12.736         | 173  | 2294       | 0.741     | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.583         | 105  | 97695      | 4.322     | ug/l   | 99       |
| 74) N-amyl acetate            | 12.355         | 43   | 3275       | 0.360     | ug/l # | 49       |
| 76) 1,2,3-Trichloropropane    | 12.736         | 75   | 149565     | 26.181    | ug/l # | 100      |
| 78) n-propylbenzene           | 12.924         | 91   | 104835     | 3.980     | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 13.063         | 91   | 20881      | 1.306     | ug/l # | 38       |
| 80) 1,3,5-Trimethylbenzene    | 13.063         | 105  | 200095     | 10.224    | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.736         | 75   | 149565     | 64.058    | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 12.988         | 91   | 30486      | 1.986     | ug/l # | 39       |
| 84) 1,2,4-Trimethylbenzene    | 13.372         | 105  | 660579     | 33.935    | ug/l   | 97       |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 FOUNDATION-EXCAVATION-SAMP

Quant Time: Jun 07 01:14:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060421W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 04 19:00:20 2021  
 Response via : Initial Calibration

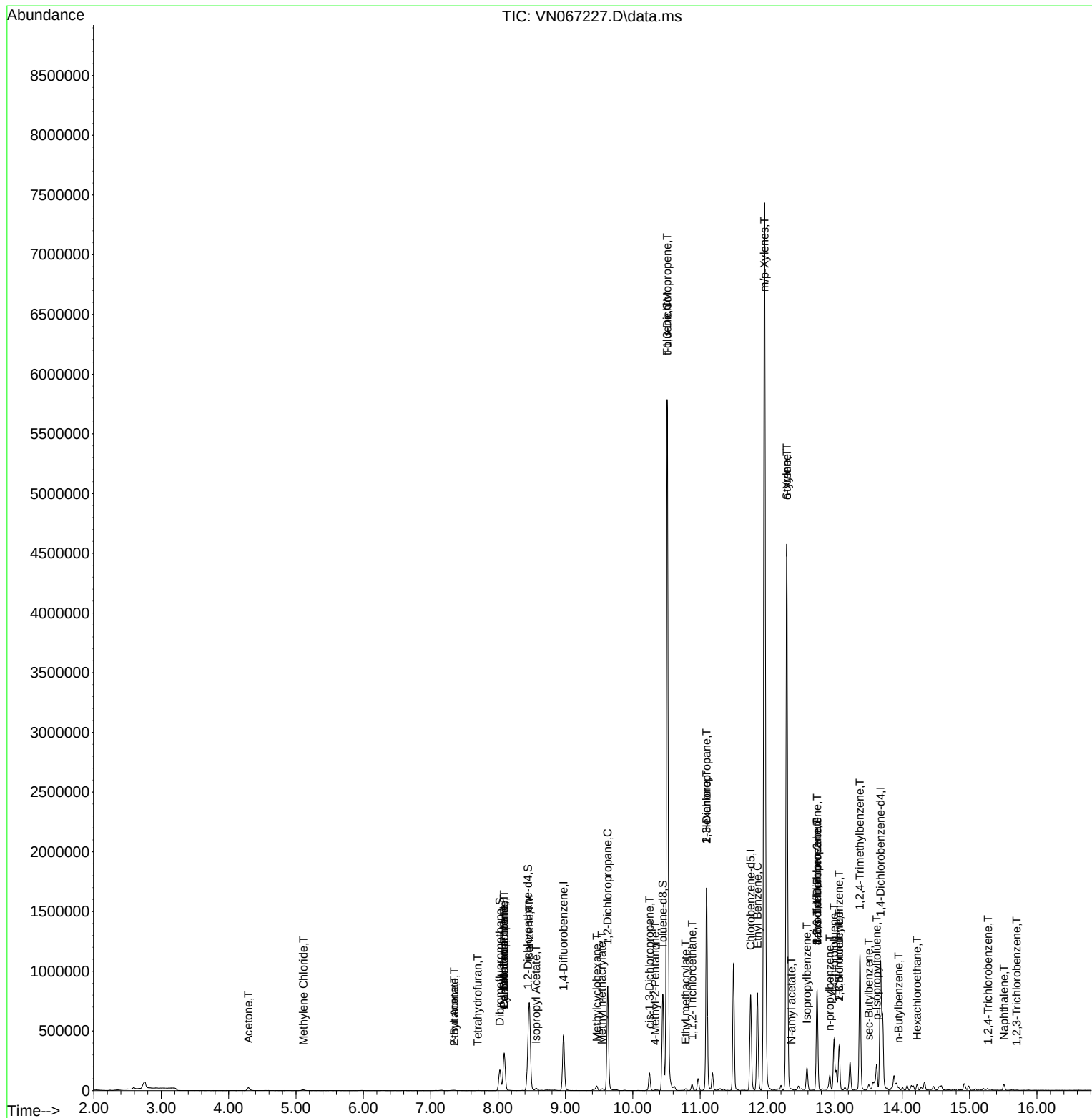
| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| 85) sec-Butylbenzene       | 13.503 | 105  | 25532    | 1.098 | ug/l   | 82       |
| 86) p-Isopropyltoluene     | 13.621 | 119  | 124886   | 6.068 | ug/l   | 95       |
| 89) n-Butylbenzene         | 13.946 | 91   | 11325    | 0.611 | ug/l # | 79       |
| 90) Hexachloroethane       | 14.219 | 117  | 3063     | 0.865 | ug/l # | 4        |
| 93) 1,2,4-Trichlorobenzene | 15.273 | 180  | 1001     | 0.225 | ug/l # | 67       |
| 95) Naphthalene            | 15.512 | 128  | 45341    | 7.554 | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.700 | 180  | 1005     | 0.255 | ug/l # | 56       |

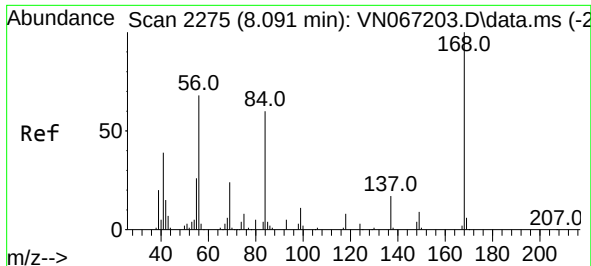
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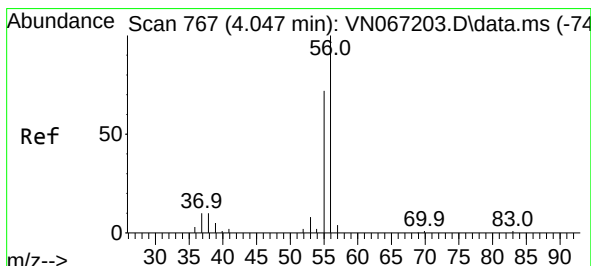
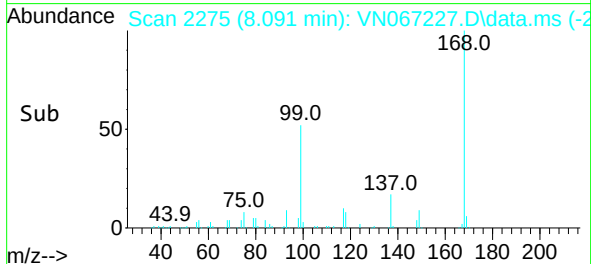
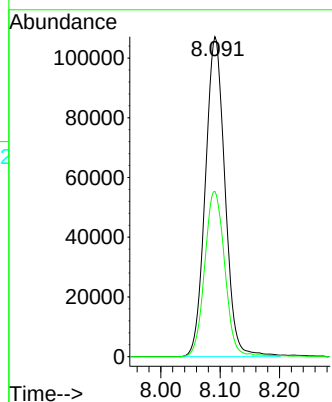
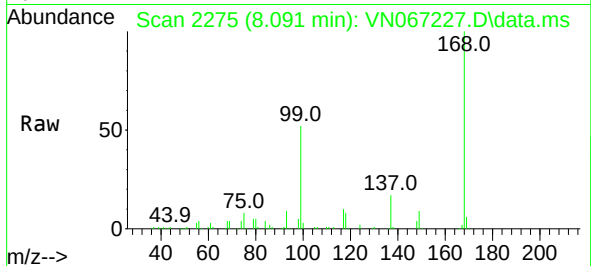




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.091 min Scan# 2275  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

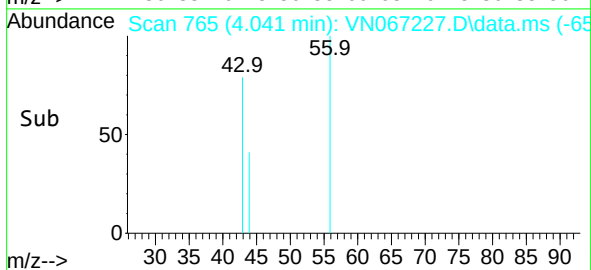
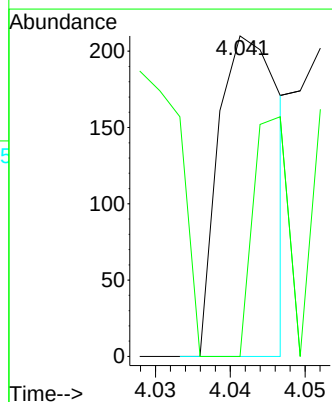
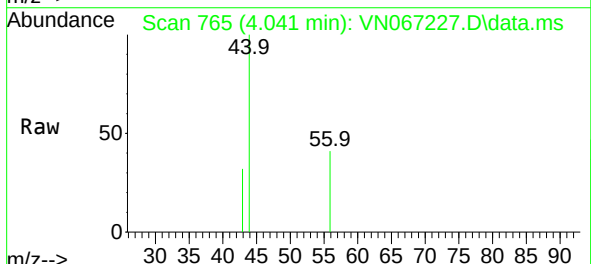
Instrument :  
MSVOA\_N  
ClientSampleId :  
FOUNDATION-EXCAVATION-SAMP

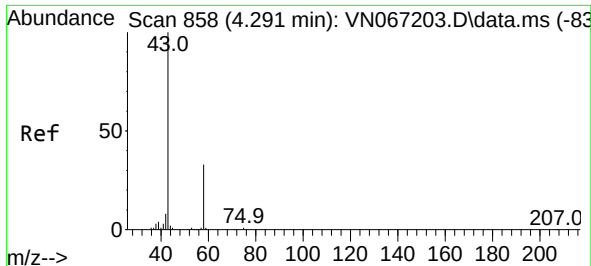
Tgt Ion:168 Resp: 246400  
Ion Ratio Lower Upper  
168 100  
99 51.7 38.5 57.7



#13  
Acrolein  
Concen: Below Cal  
RT: 4.041 min Scan# 765  
Delta R.T. -0.006 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 56 Resp: 119  
Ion Ratio Lower Upper  
56 100  
55 42.0 53.8 80.6#

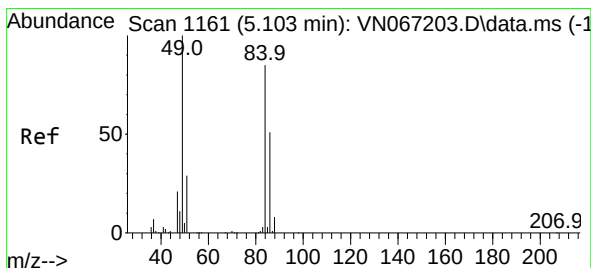
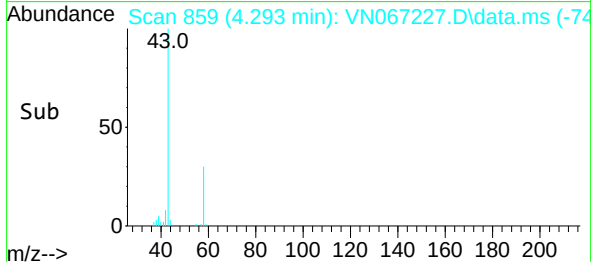
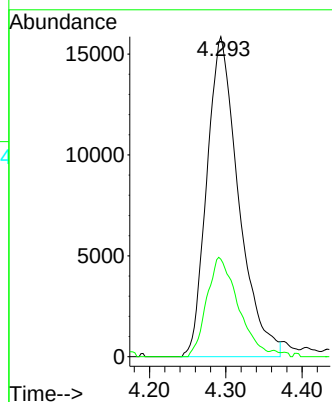
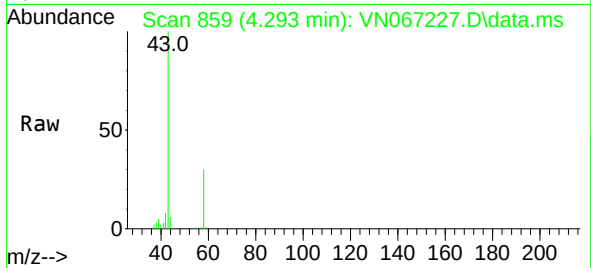




#16  
Acetone  
Concen: 39.585 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.002 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

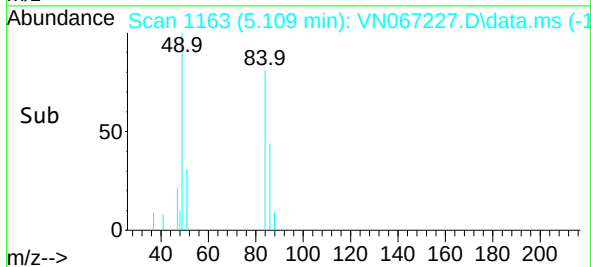
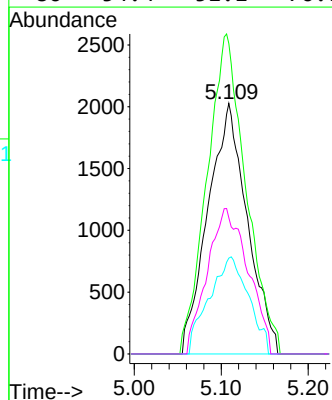
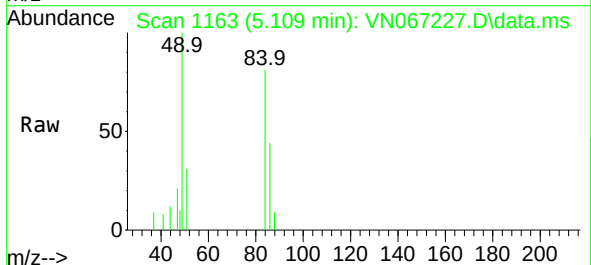
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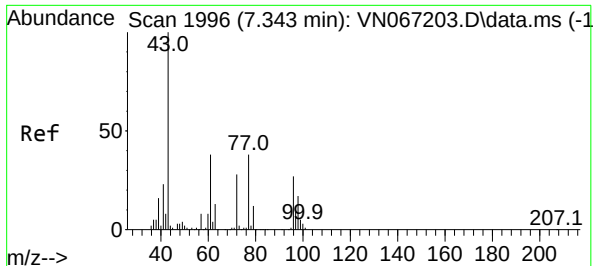
Tgt Ion: 43 Resp: 45877  
Ion Ratio Lower Upper  
43 100  
58 30.5 27.2 40.8



#20  
Methylene Chloride  
Concen: 2.179 ug/l  
RT: 5.109 min Scan# 1163  
Delta R.T. 0.005 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 84 Resp: 6358  
Ion Ratio Lower Upper  
84 100  
49 123.9 88.3 132.5  
51 38.2 26.7 40.1  
86 54.4 51.1 76.7

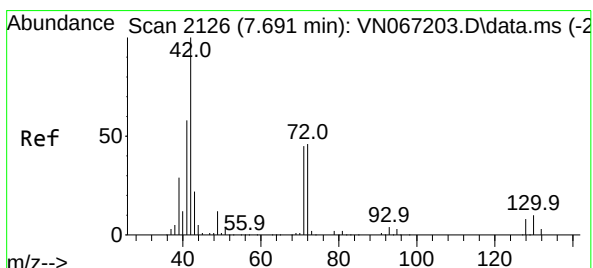
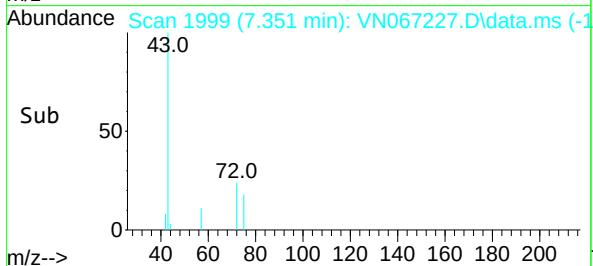
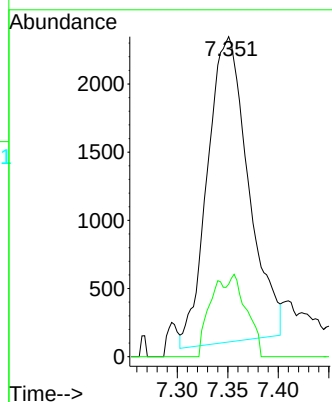
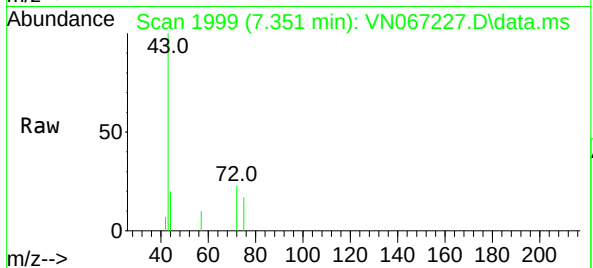




#25  
2-Butanone  
Concen: 3.392 ug/l  
RT: 7.351 min Scan# 1999  
Delta R.T. 0.008 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

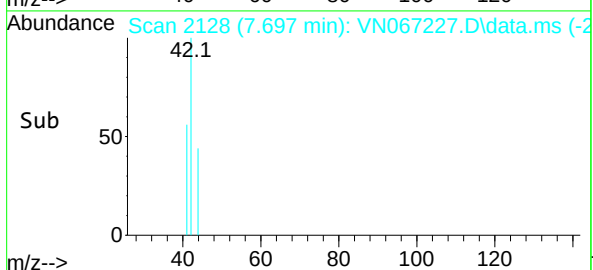
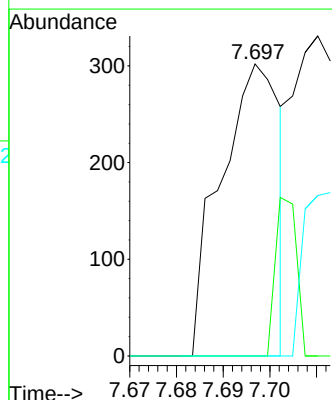
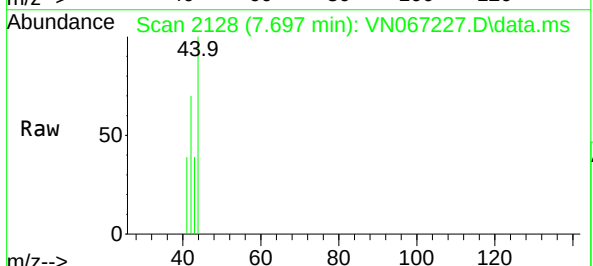
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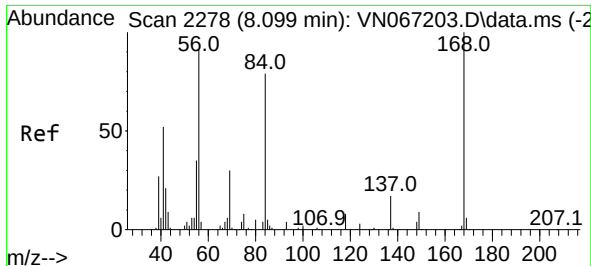
Tgt Ion: 43 Resp: 6295  
Ion Ratio Lower Upper  
43 100  
72 24.3 24.4 36.6#



#29  
Tetrahydrofuran  
Concen: 0.241 ug/l  
RT: 7.697 min Scan# 2128  
Delta R.T. 0.006 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

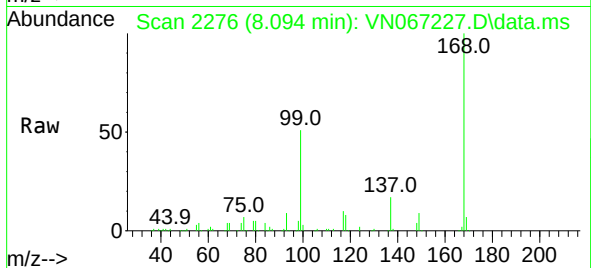
Tgt Ion: 42 Resp: 266  
Ion Ratio Lower Upper  
42 100  
72 19.5 40.1 60.1#  
71 0.0 37.9 56.9#



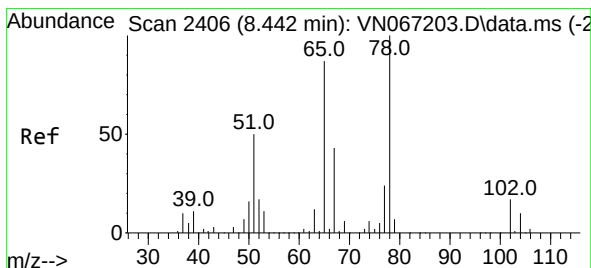
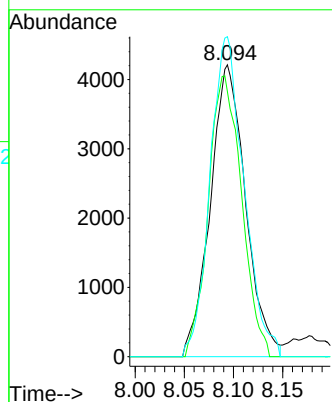
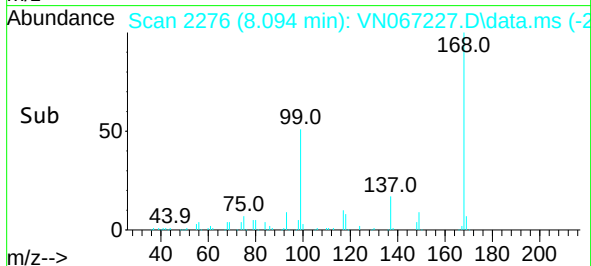


#31  
Cyclohexane  
Concen: 2.327 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.005 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

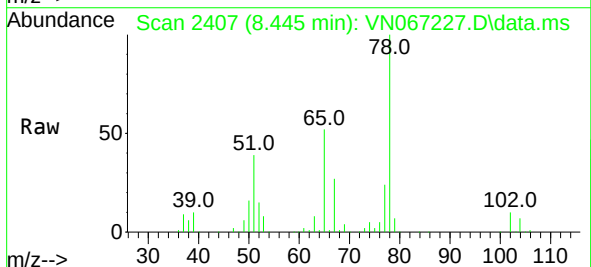
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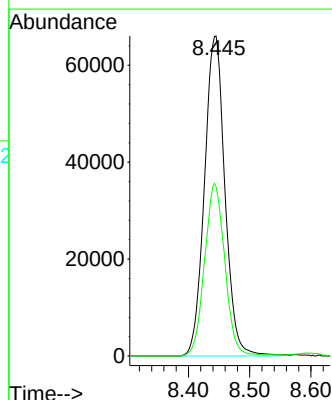
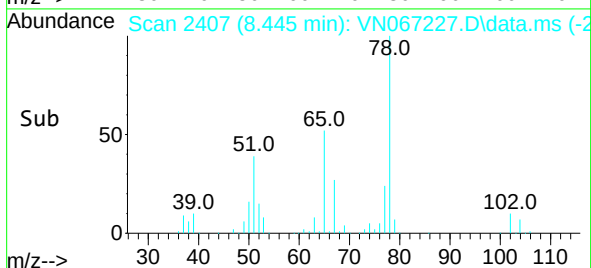
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Ion Ratio Lower Upper  
56 100  
69 90.9 28.0 42.0#  
84 109.7 74.2 111.2

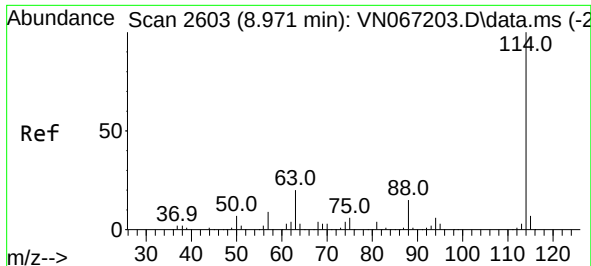


#33  
1,2-Dichloroethane-d4  
Concen: 45.730 ug/l  
RT: 8.445 min Scan# 2407  
Delta R.T. 0.003 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04



Tgt Ion: 65 Resp: 153596  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 110.4

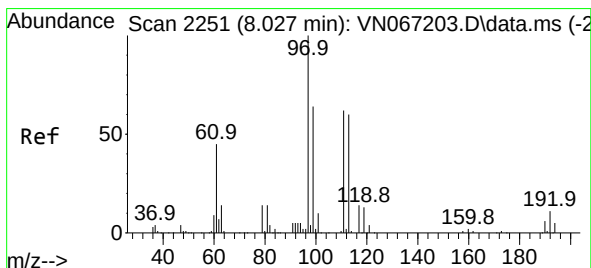
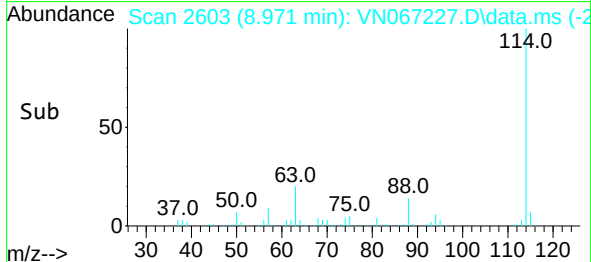
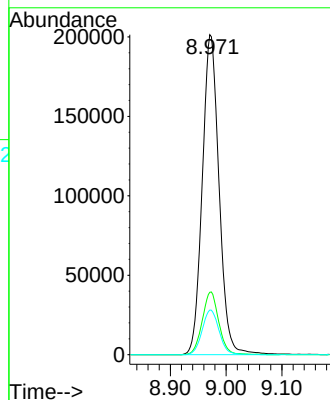
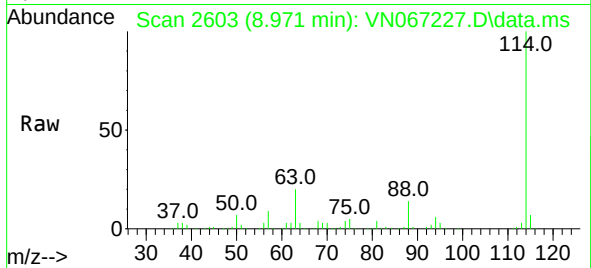




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

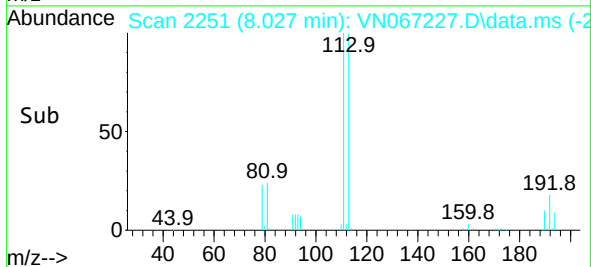
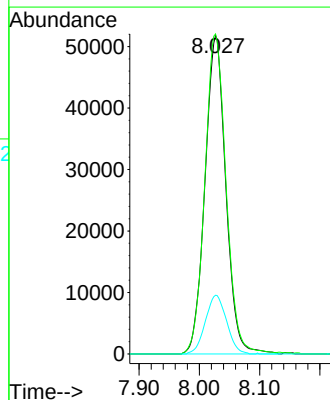
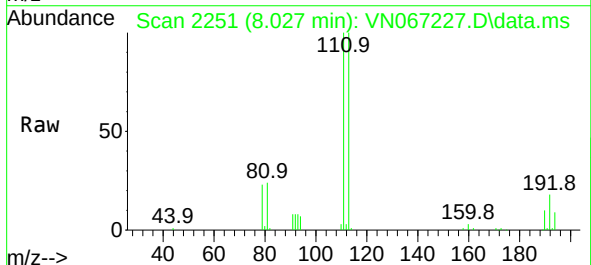
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Tgt Ion:114 Resp: 420974  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 35.8  
88 14.0 0.0 30.4

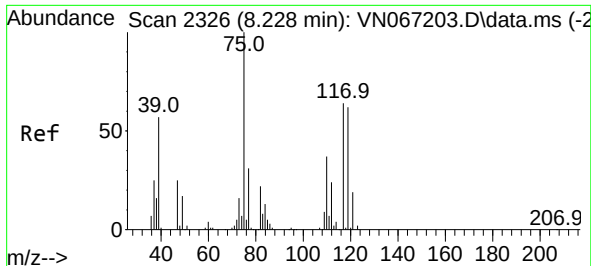


#35  
Dibromofluoromethane  
Concen: 47.627 ug/l  
RT: 8.027 min Scan# 2251  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion:113 Resp: 124295  
Ion Ratio Lower Upper  
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111 102.4 82.6 124.0  
192 18.7 18.2 27.4



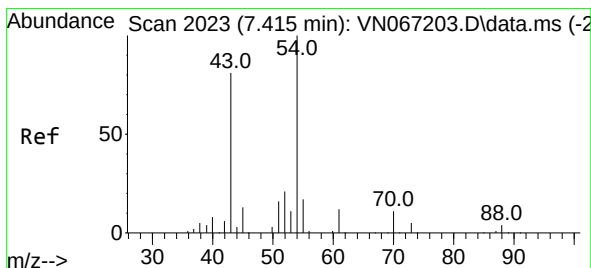
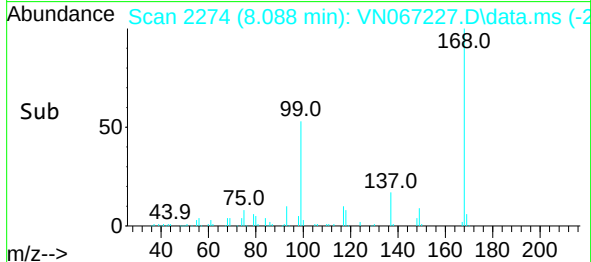
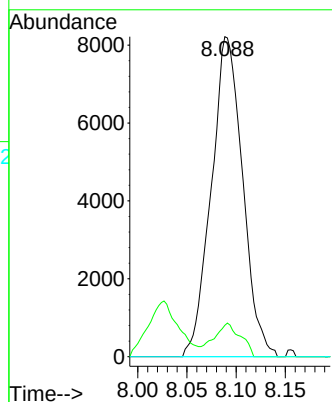
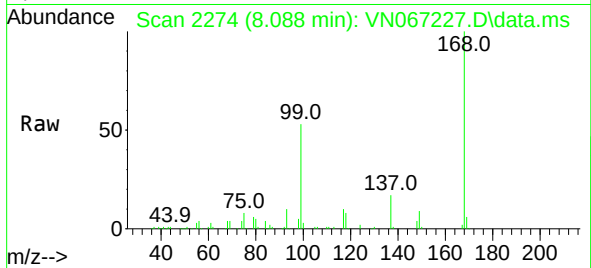




#36  
 1,1-Dichloropropene  
 Concen: 4.684 ug/l  
 RT: 8.088 min Scan# 2274  
 Delta R.T. -0.139 min  
 Lab File: VN067227.D  
 Acq: 5 Jun 2021 14:04

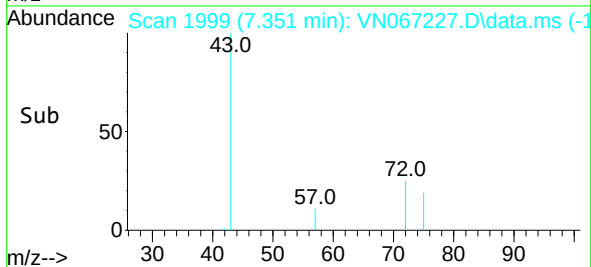
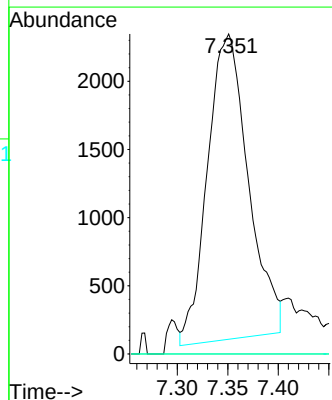
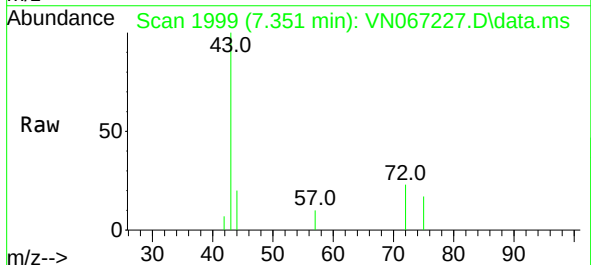
Instrument :  
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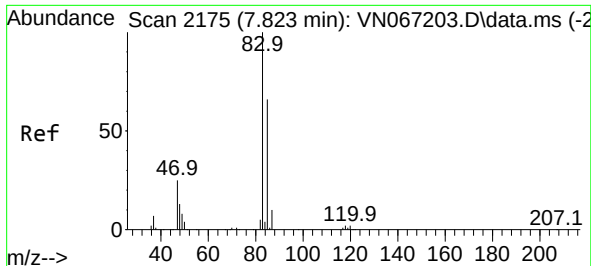
Tgt Ion: 75 Resp: 18212  
 Ion Ratio Lower Upper  
 75 100  
 110 8.9 19.1 57.3#  
 77 0.0 24.8 37.2#



#37  
 Ethyl Acetate  
 Concen: 1.680 ug/l  
 RT: 7.351 min Scan# 1999  
 Delta R.T. -0.064 min  
 Lab File: VN067227.D  
 Acq: 5 Jun 2021 14:04

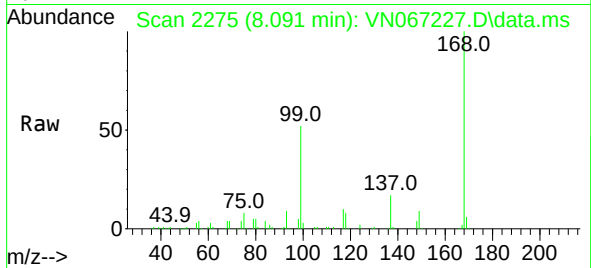
Tgt Ion: 43 Resp: 6295  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 13.0 19.4#  
 70 0.0 9.2 13.8#



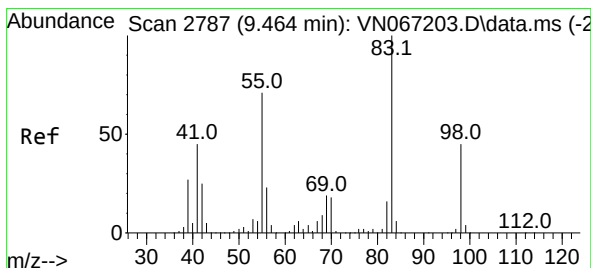
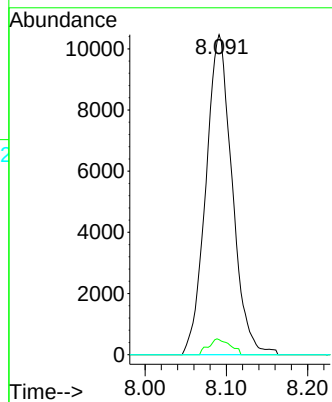
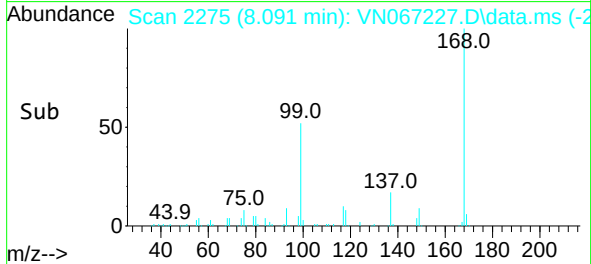


#38  
Carbon Tetrachloride  
Concen: 5.543 ug/l  
RT: 8.091 min Scan# 2275  
Delta R.T. -0.121 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

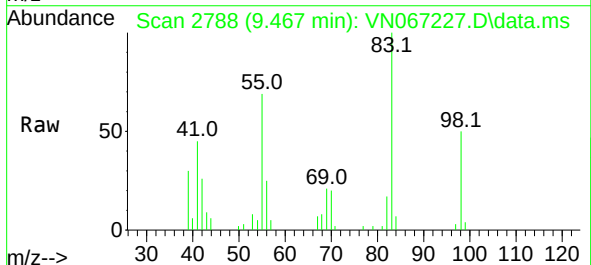
Instrument :  
MSVOA\_N  
ClientSampleId :  
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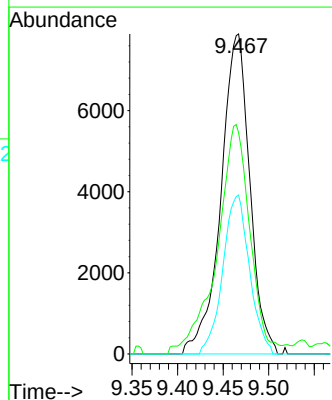
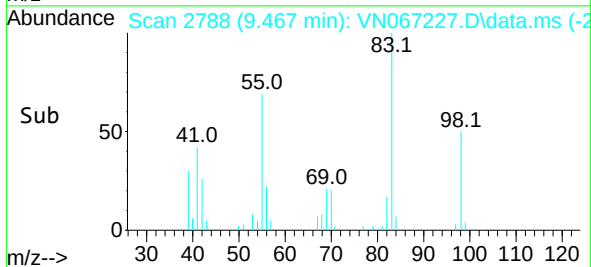
Tgt Ion:117 Resp: 23534  
Ion Ratio Lower Upper  
117 100  
119 4.7 78.2 117.2#  
121 0.0 24.7 37.1#

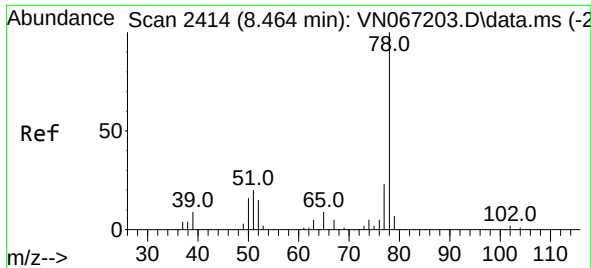


#39  
Methylcyclohexane  
Concen: 3.945 ug/l  
RT: 9.467 min Scan# 2788  
Delta R.T. 0.003 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04



Tgt Ion: 83 Resp: 17374  
Ion Ratio Lower Upper  
83 100  
55 66.5 56.2 84.2  
98 49.7 36.8 55.2

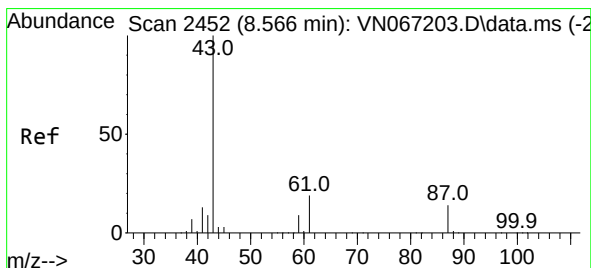
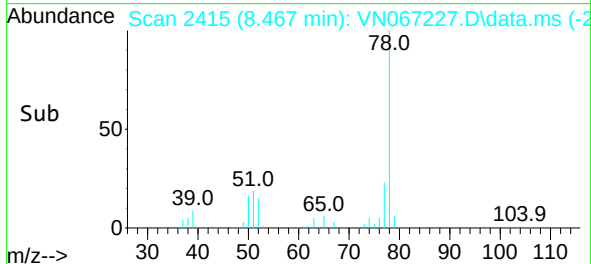
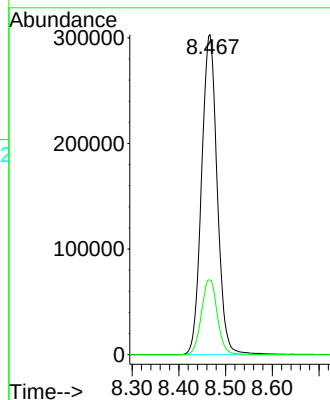
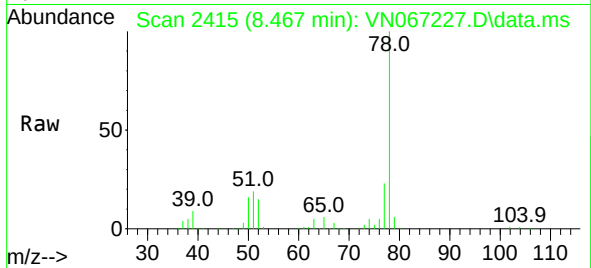




#40  
Benzene  
Concen: 58.364 ug/l  
RT: 8.467 min Scan# 2415  
Delta R.T. 0.003 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

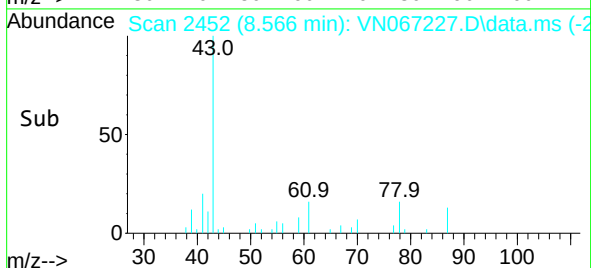
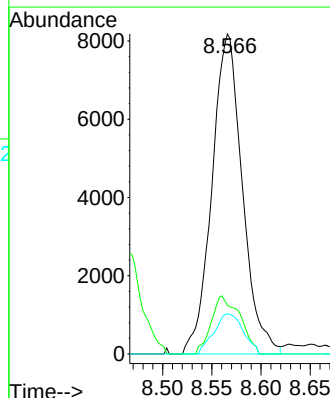
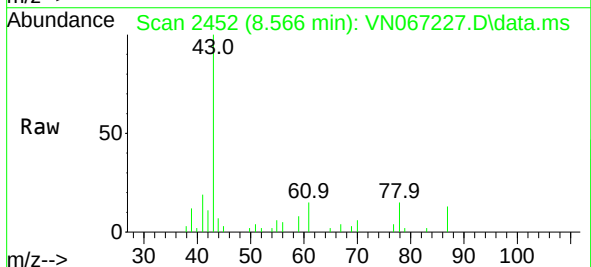
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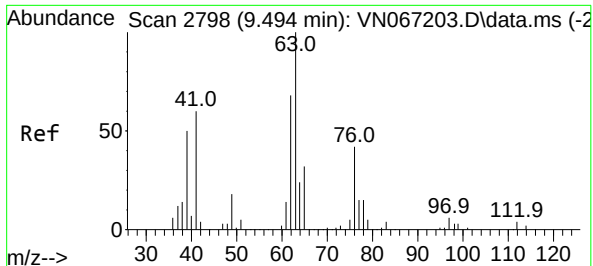
Tgt Ion: 78 Resp: 704127  
Ion Ratio Lower Upper  
78 100  
77 23.4 18.4 27.6



#43  
Isopropyl Acetate  
Concen: 2.473 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 43 Resp: 17626  
Ion Ratio Lower Upper  
43 100  
61 17.2 23.4 35.0#  
87 12.0 12.2 18.2#

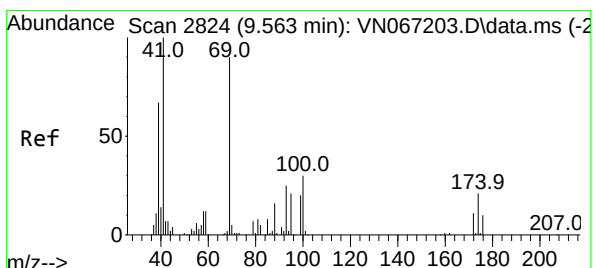
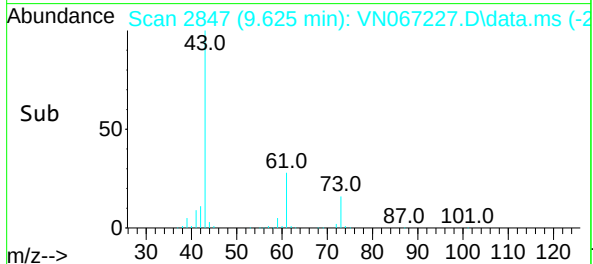
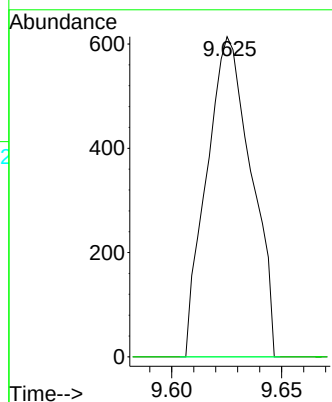
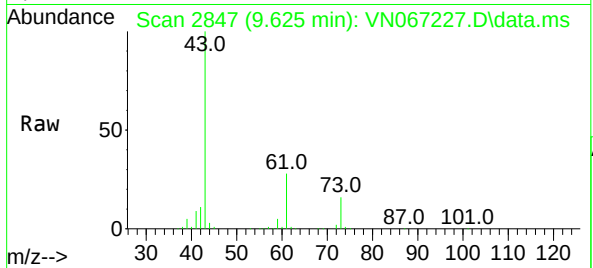




#45  
1,2-Dichloropropane  
Concen: 0.288 ug/l  
RT: 9.625 min Scan# 2847  
Delta R.T. 0.132 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

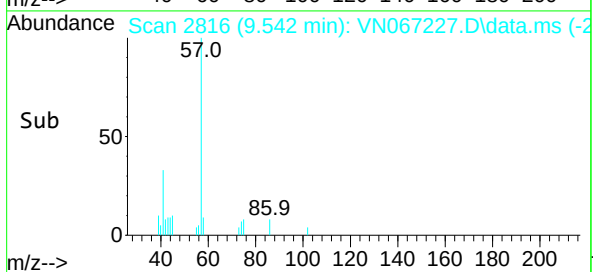
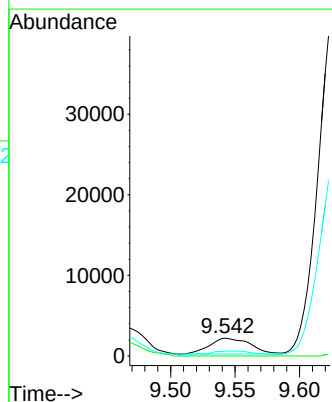
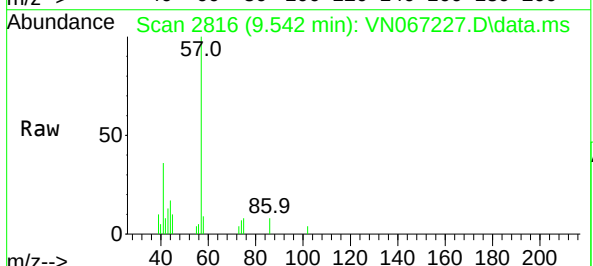
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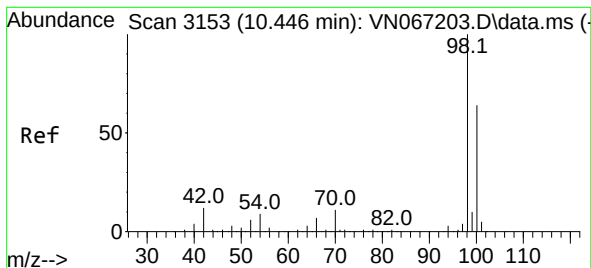
Tgt Ion: 63 Resp: 865  
Ion Ratio Lower Upper  
63 100  
65 0.0 23.9 35.9#



#48  
Methyl methacrylate  
Concen: 1.405 ug/l  
RT: 9.542 min Scan# 2816  
Delta R.T. -0.021 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 41 Resp: 4339  
Ion Ratio Lower Upper  
41 100  
69 0.0 80.5 120.7#  
39 0.0 41.4 62.0#

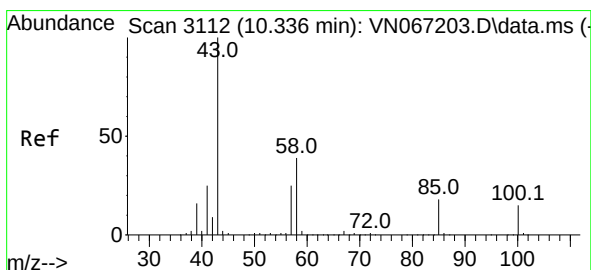
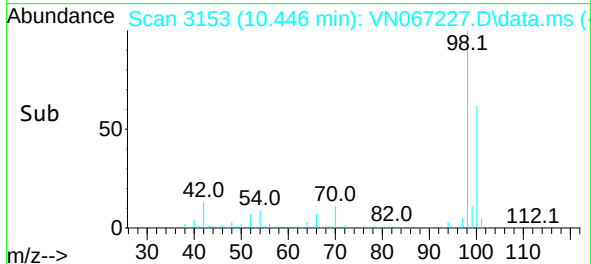
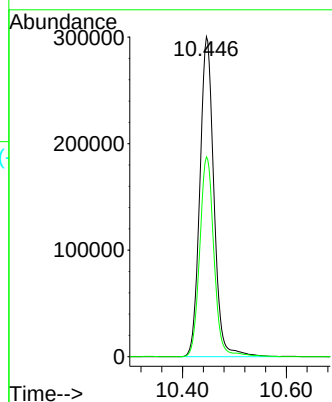
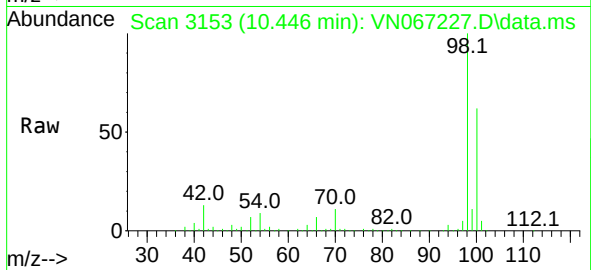




#50  
Toluene-d8  
Concen: 53.080 ug/l  
RT: 10.446 min Scan# 3153  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

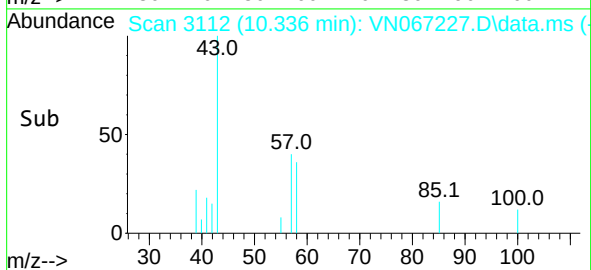
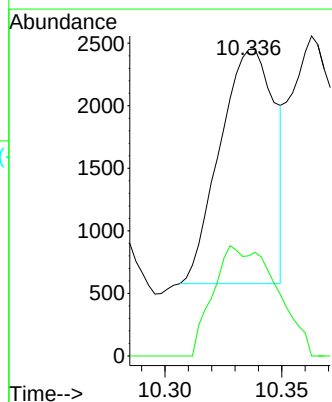
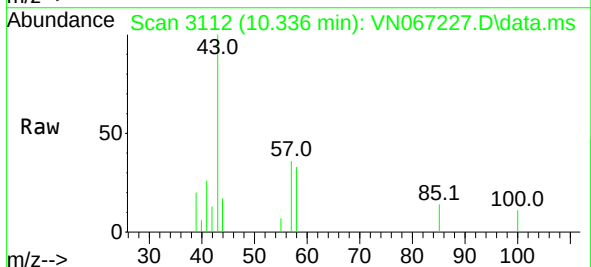
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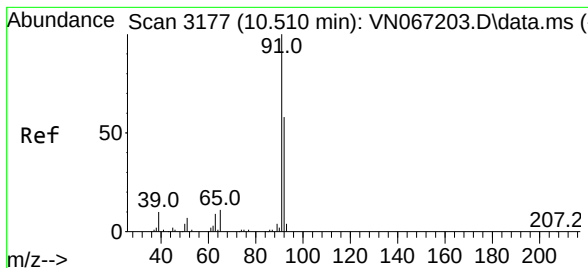
Tgt Ion: 98 Resp: 564171  
Ion Ratio Lower Upper  
98 100  
100 63.5 51.8 77.8



#51  
4-Methyl-2-Pentanone  
Concen: 0.733 ug/l  
RT: 10.336 min Scan# 3112  
Delta R.T. -0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 43 Resp: 3061  
Ion Ratio Lower Upper  
43 100  
58 54.0 34.5 51.7#

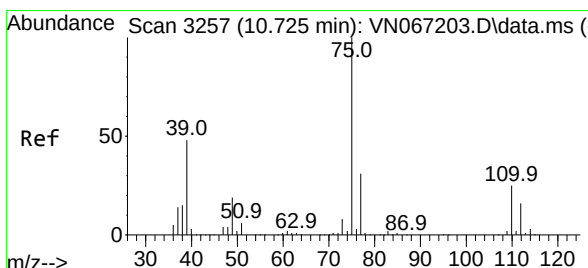
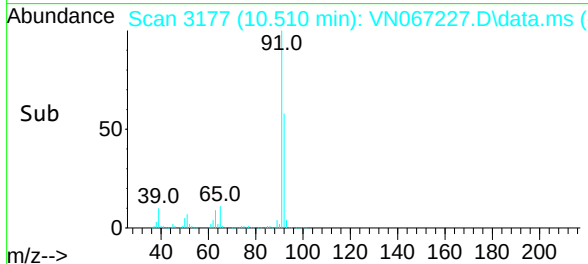
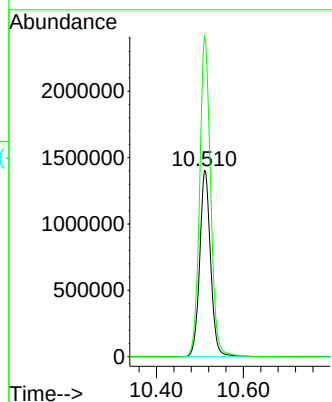
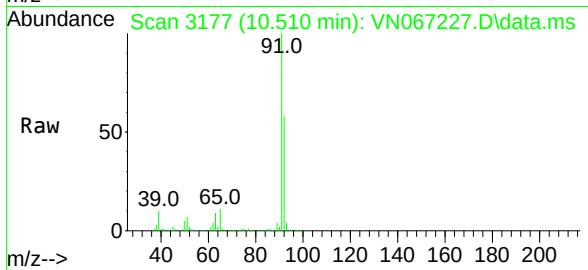




#52  
Toluene  
Concen: 306.926 ug/l  
RT: 10.510 min Scan# 3177  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

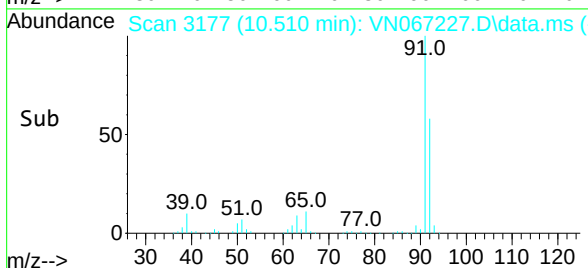
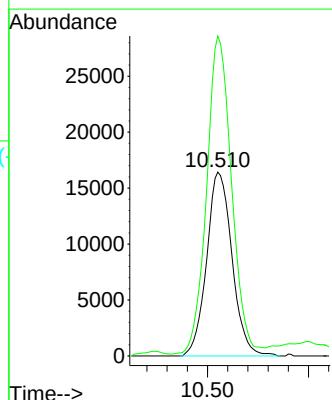
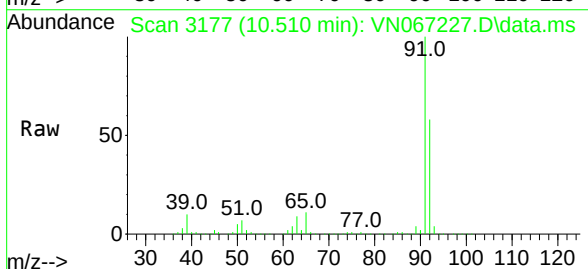
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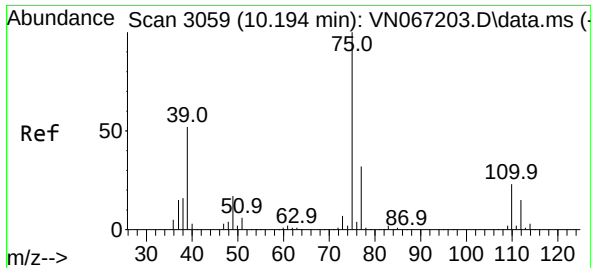
Tgt Ion: 92 Resp: 2442349  
Ion Ratio Lower Upper  
92 100  
91 173.6 138.7 208.1



#53  
t-1,3-Dichloropropene  
Concen: 5.641 ug/l  
RT: 10.510 min Scan# 3177  
Delta R.T. -0.214 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 75 Resp: 28714  
Ion Ratio Lower Upper  
75 100  
77 172.4 25.5 38.3#

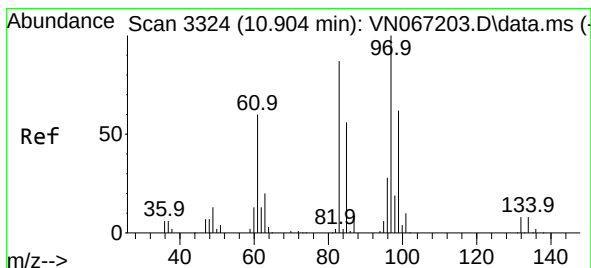
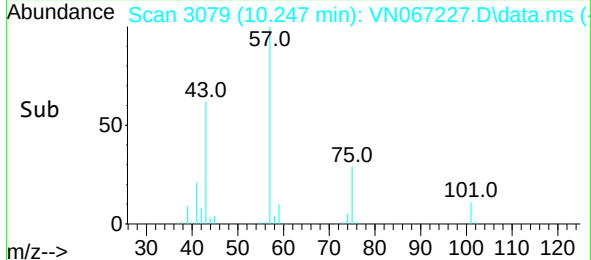
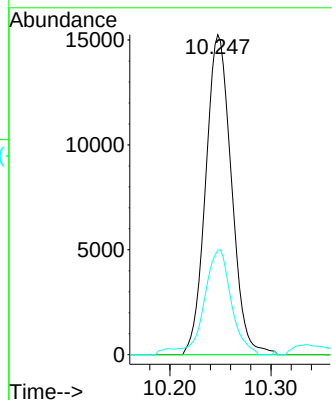
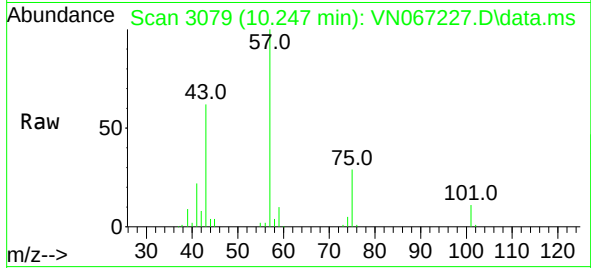




#54  
 cis-1,3-Dichloropropene  
 Concen: 5.241 ug/l  
 RT: 10.247 min Scan# 3079  
 Delta R.T. 0.054 min  
 Lab File: VN067227.D  
 Acq: 5 Jun 2021 14:04

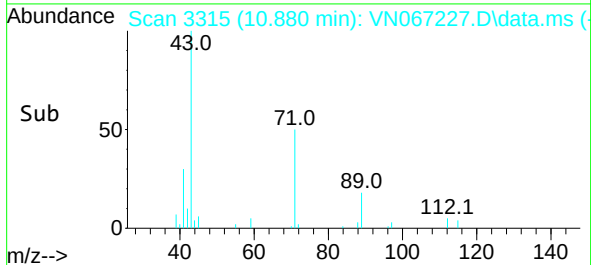
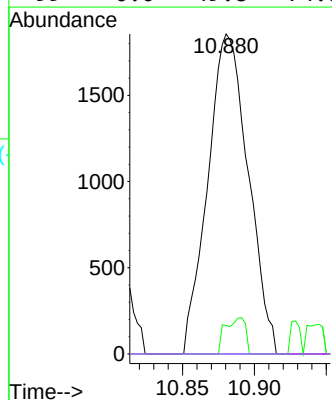
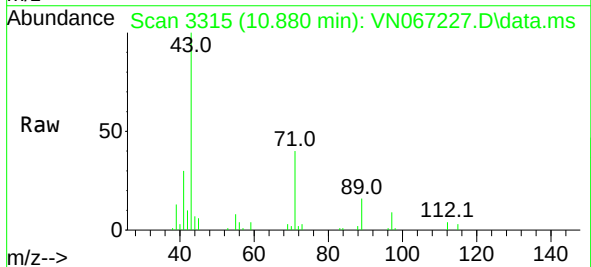
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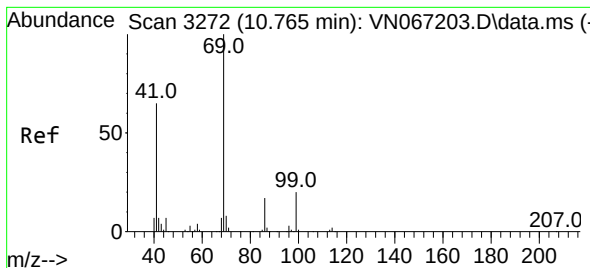
Tgt Ion: 75 Resp: 26984  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.1 37.7#  
 39 32.6 30.9 46.3



#55  
 1,1,2-Trichloroethane  
 Concen: 1.200 ug/l  
 RT: 10.880 min Scan# 3315  
 Delta R.T. -0.024 min  
 Lab File: VN067227.D  
 Acq: 5 Jun 2021 14:04

Tgt Ion: 97 Resp: 3624  
 Ion Ratio Lower Upper  
 97 100  
 83 8.9 67.3 100.9#  
 85 0.0 44.2 66.4#  
 99 0.0 49.8 74.8#

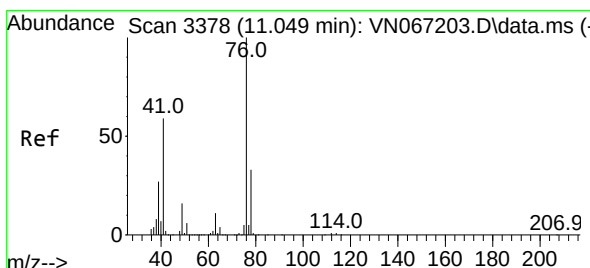
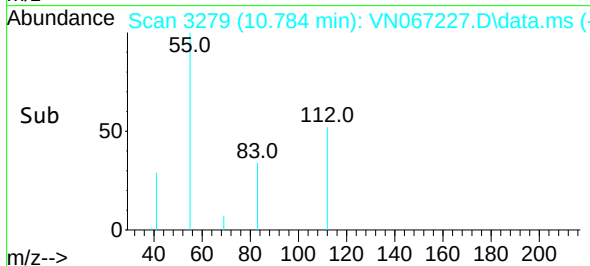
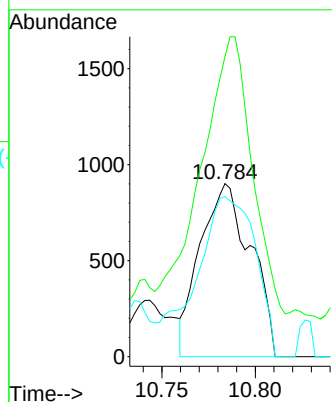
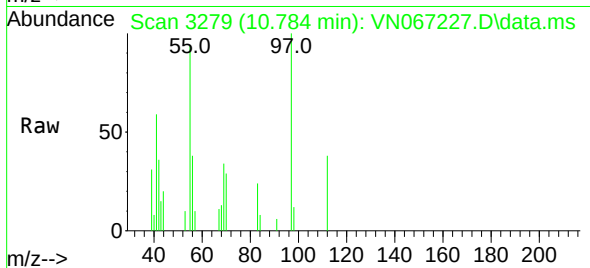




#56  
Ethyl methacrylate  
Concen: 0.344 ug/l  
RT: 10.784 min Scan# 3279  
Delta R.T. 0.019 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

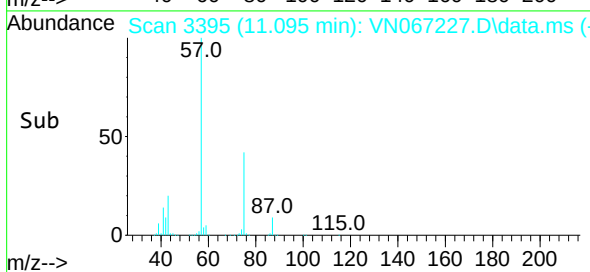
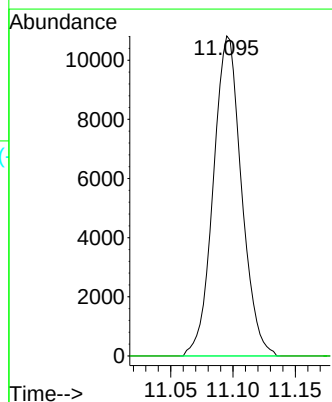
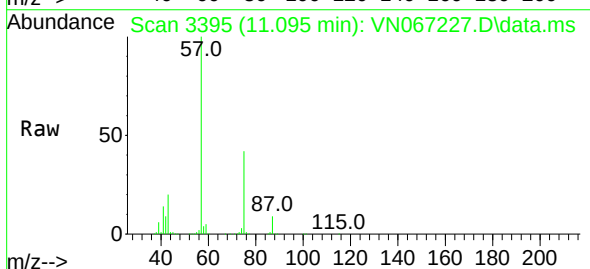
Instrument :  
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Tgt Ion: 69 Resp: 1697  
Ion Ratio Lower Upper  
69 100  
41 158.5 45.5 68.3#  
39 0.0 22.9 34.3#

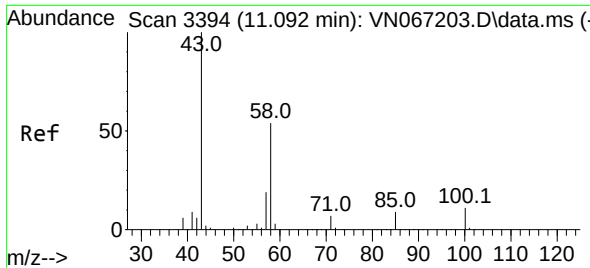


#57  
1,3-Dichloropropane  
Concen: 3.423 ug/l  
RT: 11.095 min Scan# 3395  
Delta R.T. 0.046 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 76 Resp: 17041  
Ion Ratio Lower Upper  
76 100  
78 0.0 26.3 39.5#



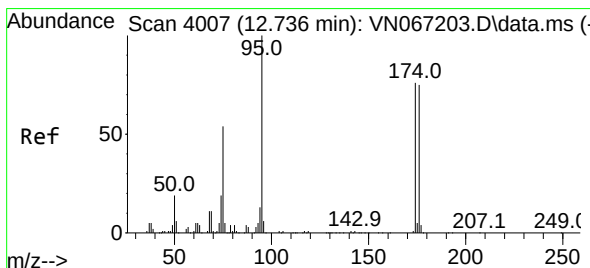
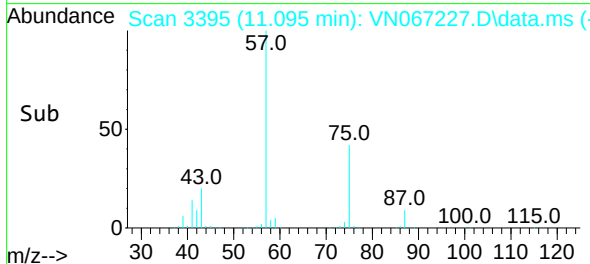
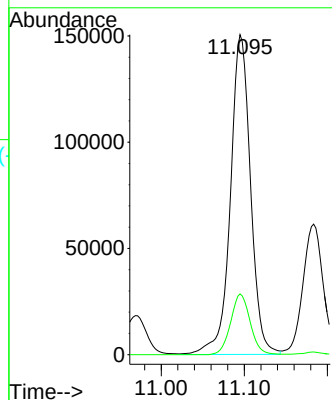
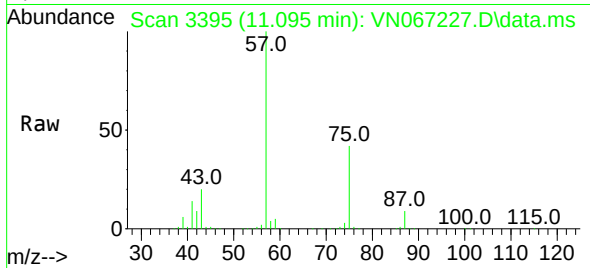




#59  
2-Hexanone  
Concen: 83.463 ug/l  
RT: 11.095 min Scan# 3395  
Delta R.T. 0.003 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

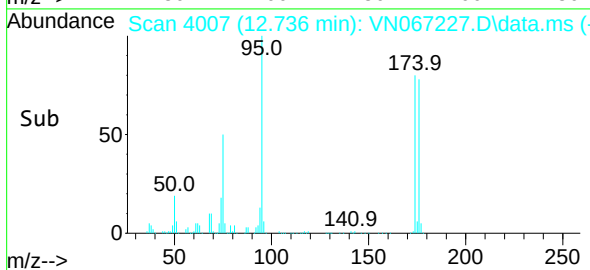
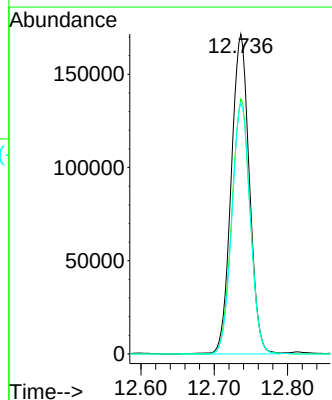
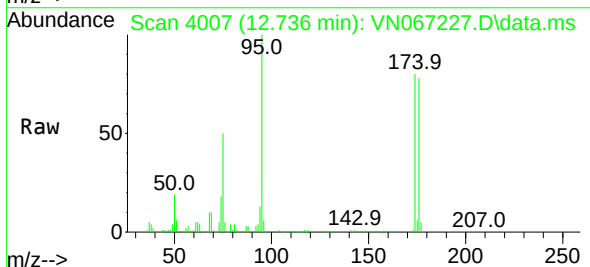
Instrument :  
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ClientSampleId :  
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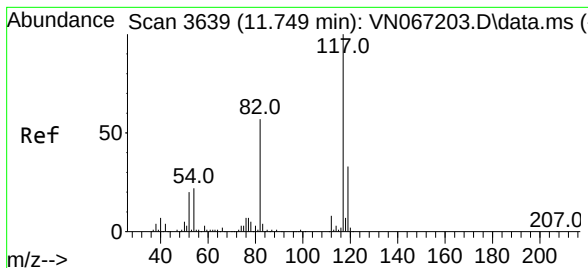
Tgt Ion: 43 Resp: 253337  
Ion Ratio Lower Upper  
43 100  
58 18.5 29.8 89.5#



#62  
4-Bromofluorobenzene  
Concen: 72.070 ug/l  
RT: 12.736 min Scan# 4007  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 95 Resp: 295025  
Ion Ratio Lower Upper  
95 100  
174 80.5 0.0 182.8  
176 79.1 0.0 176.6

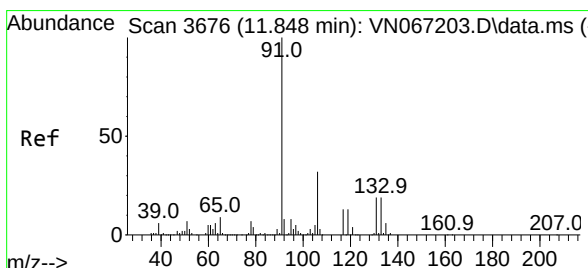
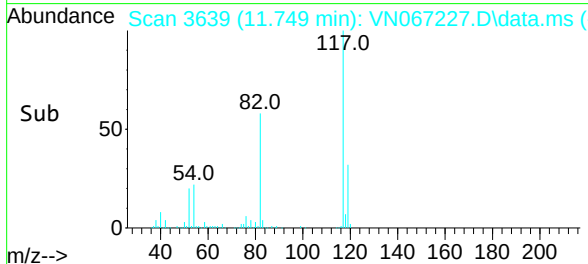
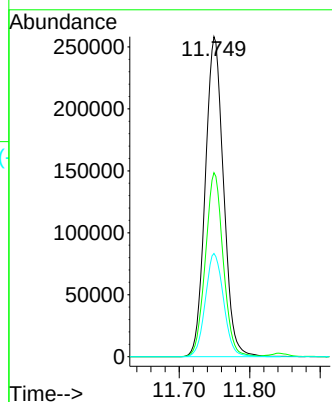
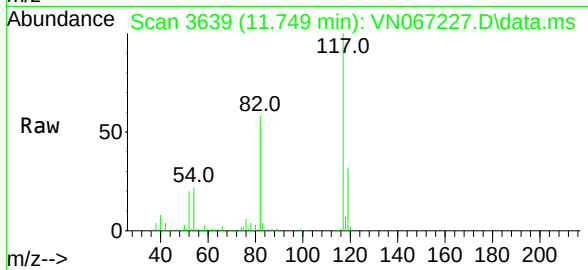




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

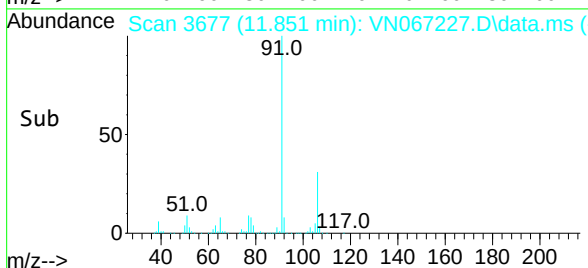
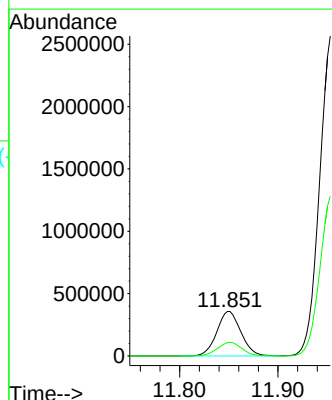
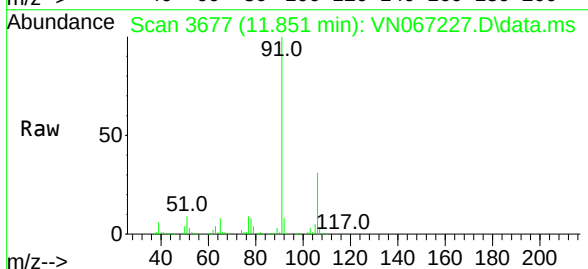
Instrument :  
MSVOA\_N  
ClientSampleId :  
FOUNDATION-EXCAVATION-SAMP

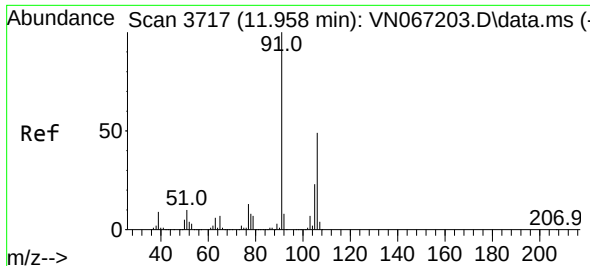
Tgt Ion:117 Resp: 463460  
Ion Ratio Lower Upper  
117 100  
82 57.5 42.2 63.2  
119 32.3 25.8 38.6



#67  
Ethyl Benzene  
Concen: 33.484 ug/l  
RT: 11.851 min Scan# 3677  
Delta R.T. 0.003 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 91 Resp: 608616  
Ion Ratio Lower Upper  
91 100  
106 31.0 26.2 39.2

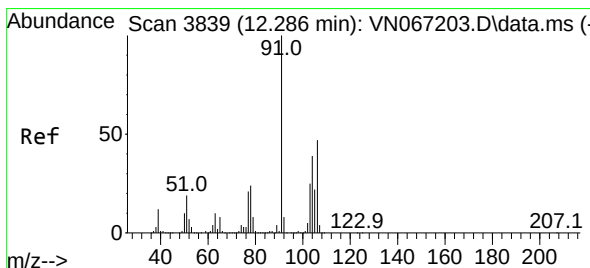
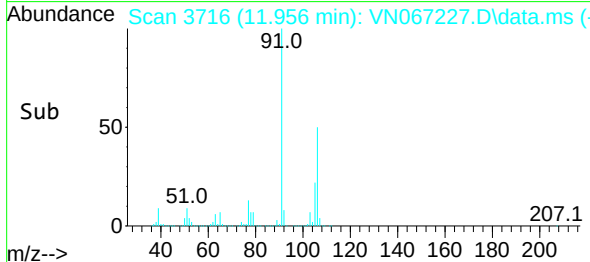
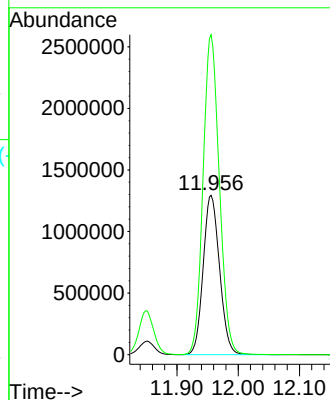
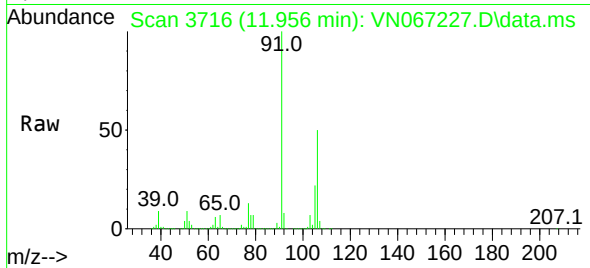




#68  
m/p-Xylenes  
Concen: 336.600 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.002 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

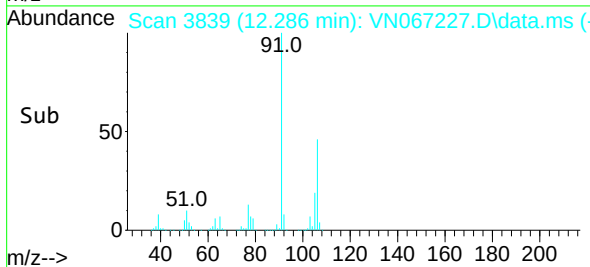
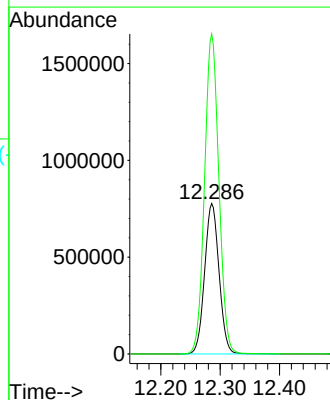
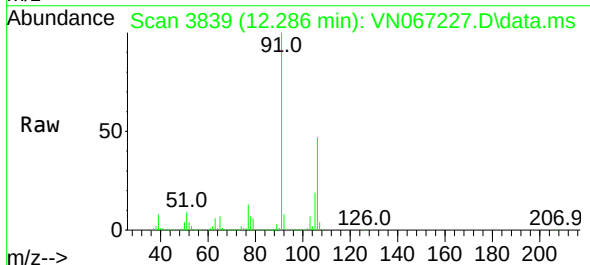
Instrument :  
MSVOA\_N  
ClientSampleId :  
FOUNDATION-EXCAVATION-SAMP

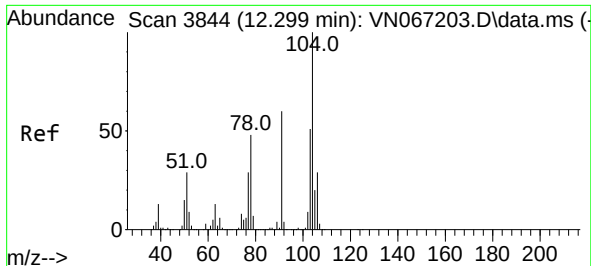
Tgt Ion:106 Resp: 2401291  
Ion Ratio Lower Upper  
106 100  
91 199.9 155.2 232.8



#69  
o-Xylene  
Concen: 187.572 ug/l  
RT: 12.286 min Scan# 3839  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion:106 Resp: 1307765  
Ion Ratio Lower Upper  
106 100  
91 211.4 102.3 306.8

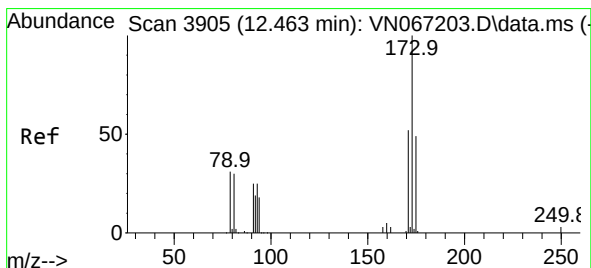
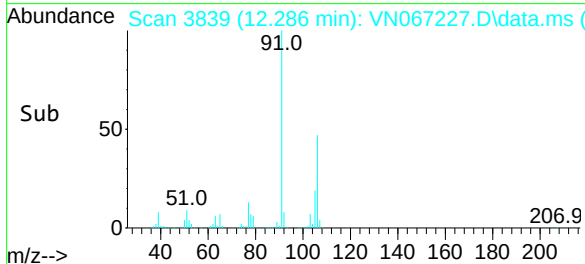
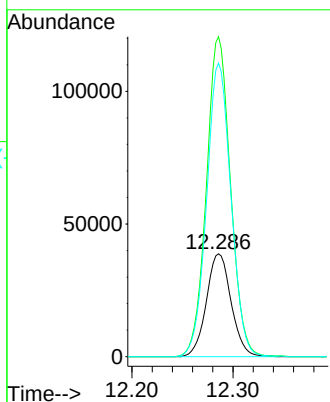
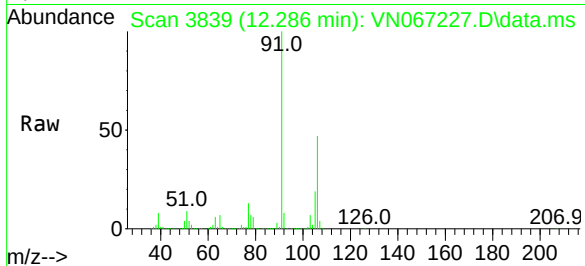




#70  
Styrene  
Concen: 5.549 ug/l  
RT: 12.286 min Scan# 3839  
Delta R.T. -0.013 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

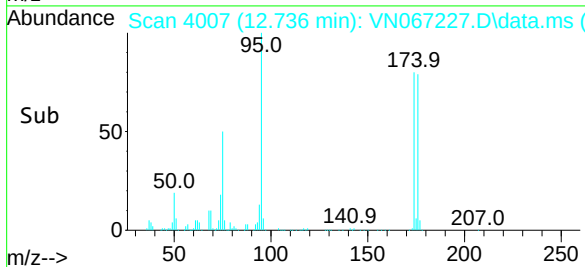
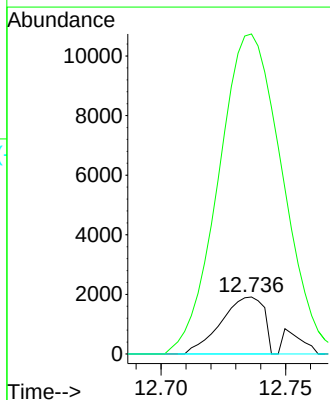
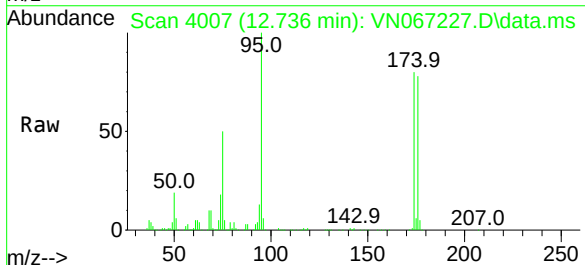
Instrument :  
MSVOA\_N  
ClientSampleId :  
FOUNDATION-EXCAVATION-SAMP

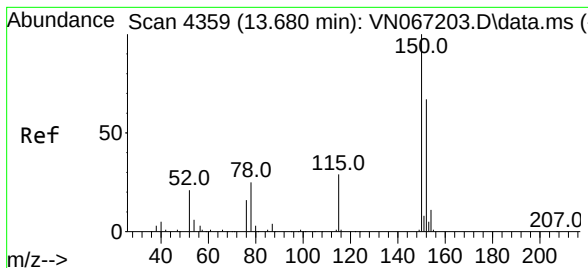
Tgt Ion:104 Resp: 66070  
Ion Ratio Lower Upper  
104 100  
78 302.8 37.7 56.5#  
103 281.0 44.2 66.4#



#71  
Bromoform  
Concen: 0.741 ug/l  
RT: 12.736 min Scan# 4007  
Delta R.T. 0.274 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion:173 Resp: 2294  
Ion Ratio Lower Upper  
173 100  
175 776.3 24.3 73.0#  
254 0.0 0.0 0.0

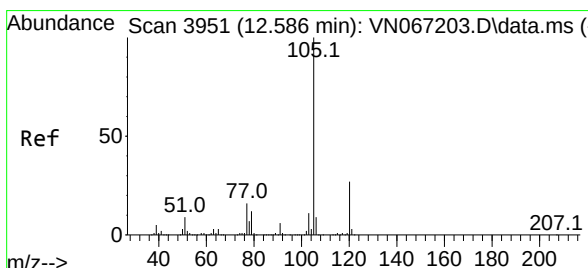
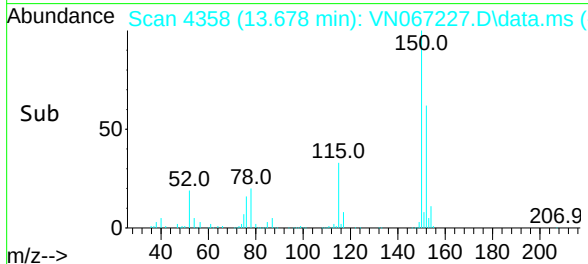
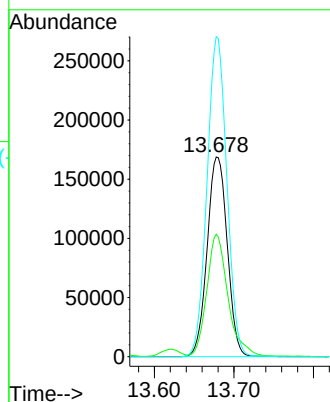
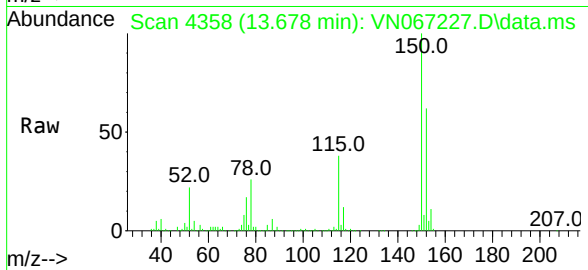




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. -0.003 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

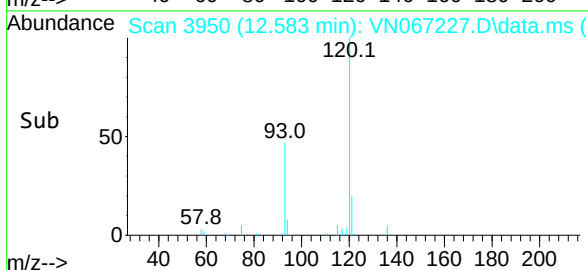
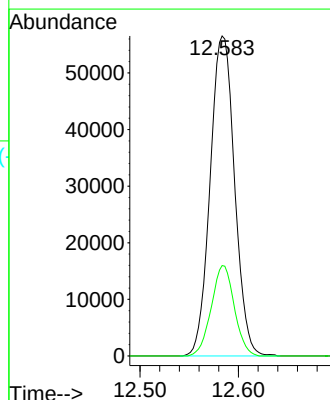
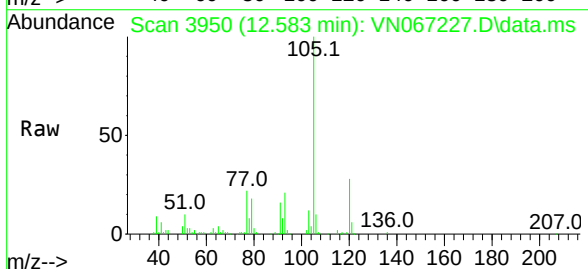
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ClientSampleId :  
FOUNDATION-EXCAVATION-SAMP

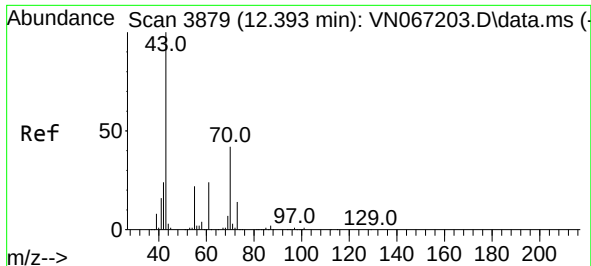
Tgt Ion:152 Resp: 297062  
Ion Ratio Lower Upper  
152 100  
115 64.1 27.0 80.8  
150 157.8 0.0 350.2



#73  
Isopropylbenzene  
Concen: 4.322 ug/l  
RT: 12.583 min Scan# 3950  
Delta R.T. -0.003 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

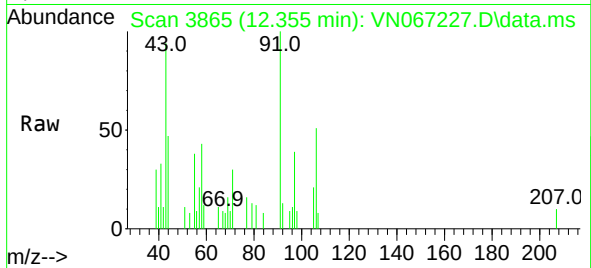
Tgt Ion:105 Resp: 97695  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.7 41.0



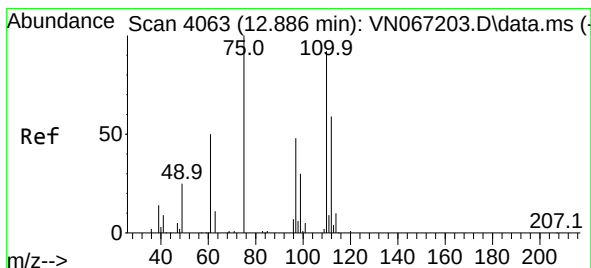
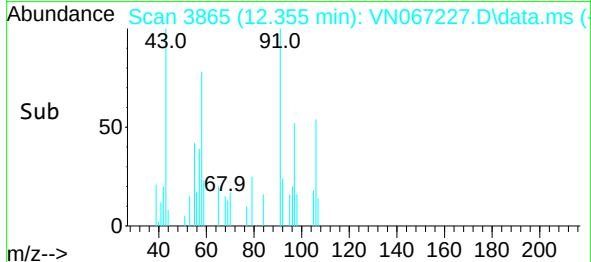
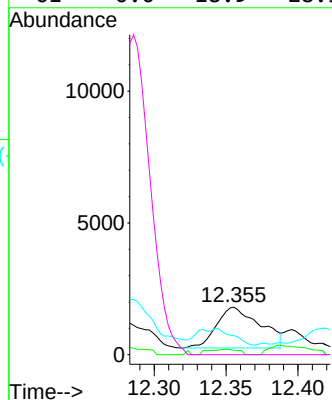


#74  
N-amy1 acetate  
Concen: 0.360 ug/l  
RT: 12.355 min Scan# 3865  
Delta R.T. -0.037 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
FOUNDATION-EXCAVATION-SAMP

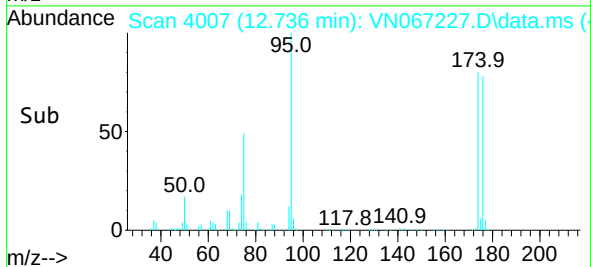
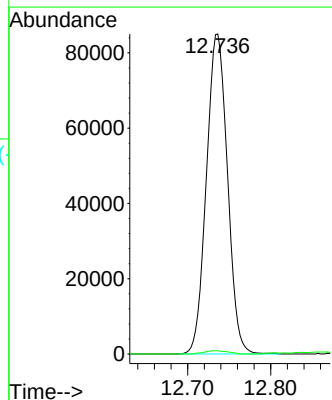
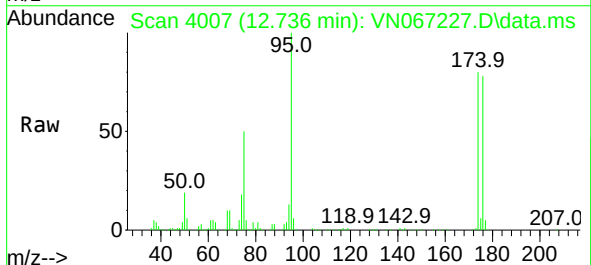


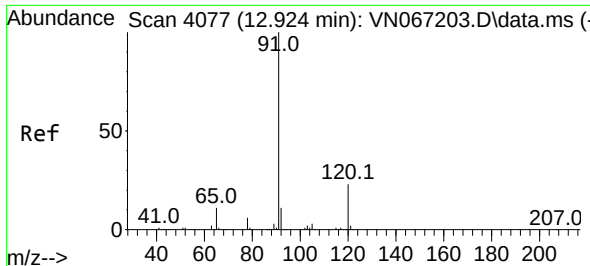
Tgt Ion: 43 Resp: 3275  
Ion Ratio Lower Upper  
43 100  
70 9.4 36.7 55.1#  
55 0.0 17.6 26.4#  
61 0.0 18.9 28.3#



#76  
1,2,3-Trichloropropane  
Concen: 26.181 ug/l  
RT: 12.736 min Scan# 4007  
Delta R.T. -0.150 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 75 Resp: 149565  
Ion Ratio Lower Upper  
75 100  
77 1.1 0.0 0.0#

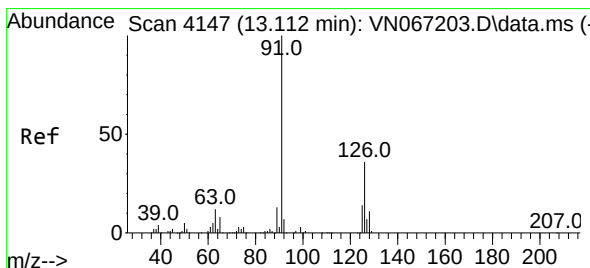
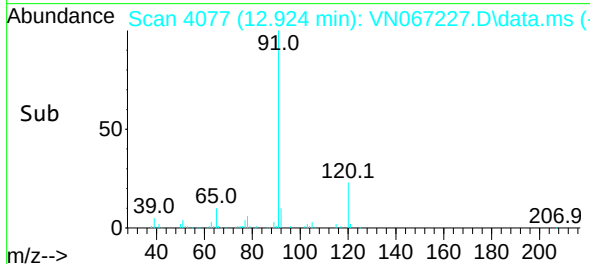
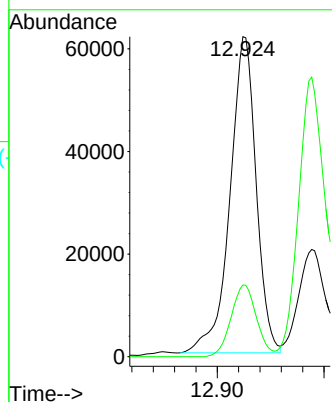
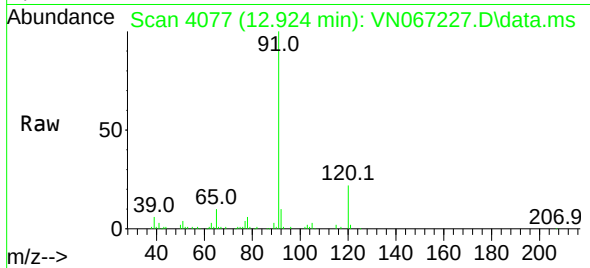




#78  
n-propylbenzene  
Concen: 3.980 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

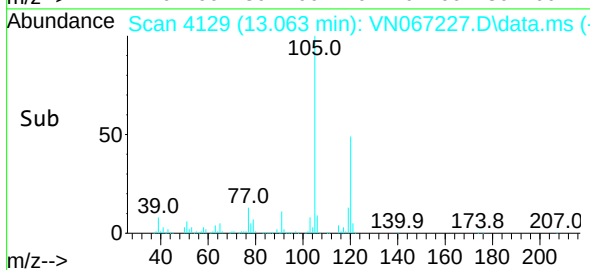
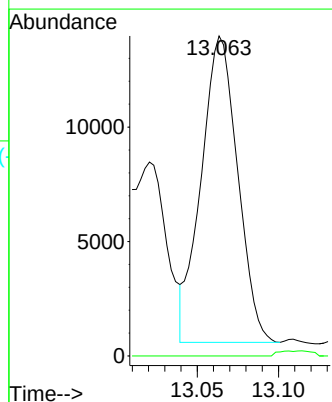
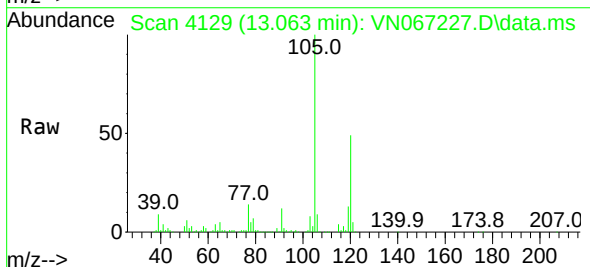
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ClientSampleId :  
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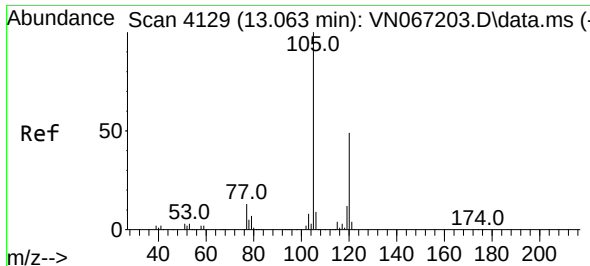
Tgt Ion: 91 Resp: 104835  
Ion Ratio Lower Upper  
91 100  
120 22.0 12.7 38.0



#79  
2-Chlorotoluene  
Concen: 1.306 ug/l  
RT: 13.063 min Scan# 4129  
Delta R.T. -0.048 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 91 Resp: 20881  
Ion Ratio Lower Upper  
91 100  
126 0.0 18.3 54.8#

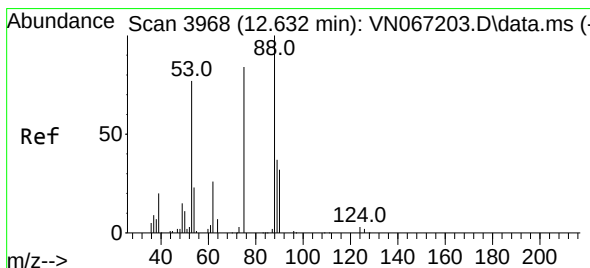
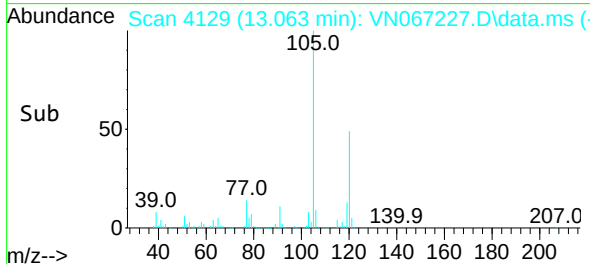
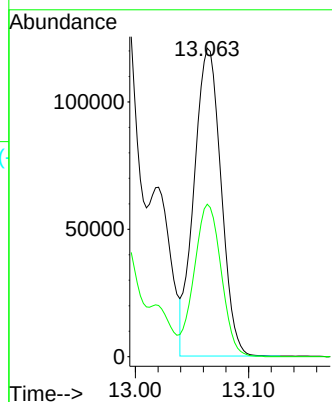
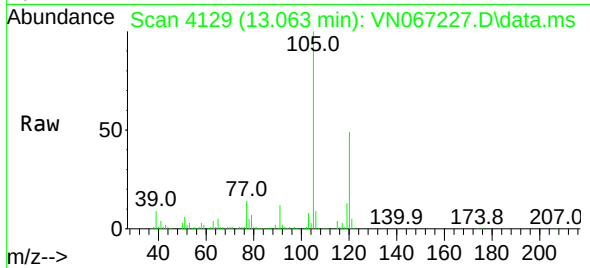




#80  
1,3,5-Trimethylbenzene  
Concen: 10.224 ug/l  
RT: 13.063 min Scan# 4129  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

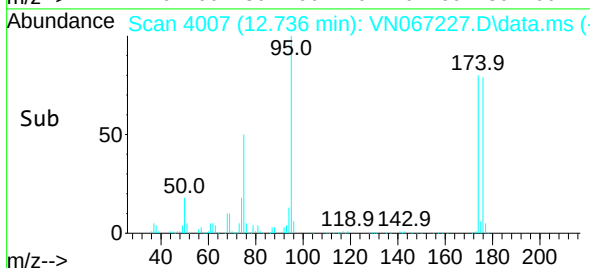
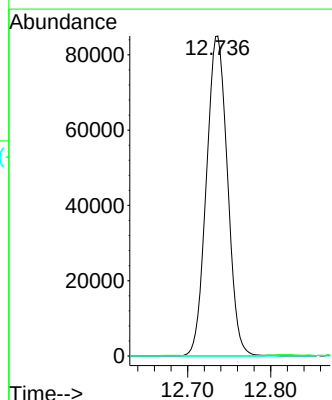
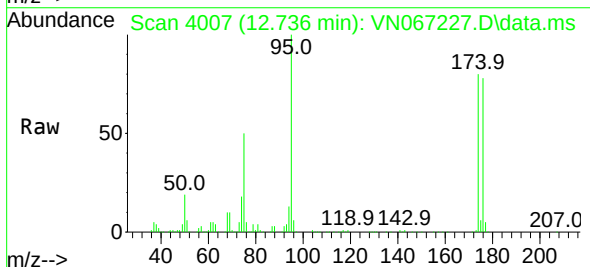
Instrument :  
MSVOA\_N  
ClientSampleId :  
FOUNDATION-EXCAVATION-SAMP

Tgt Ion:105 Resp: 200095  
Ion Ratio Lower Upper  
105 100  
120 50.2 25.0 75.0

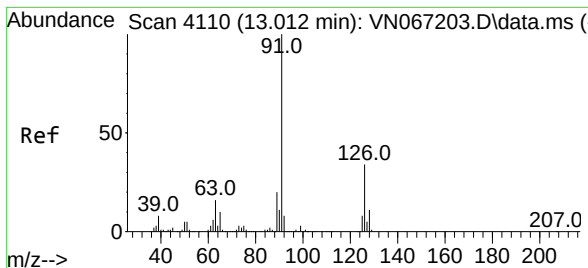


#81  
trans-1,4-Dichloro-2-butene  
Concen: 64.058 ug/l  
RT: 12.736 min Scan# 4007  
Delta R.T. 0.105 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 75 Resp: 149565  
Ion Ratio Lower Upper  
75 100  
53 0.0 66.3 99.5#  
89 0.0 39.5 59.3#



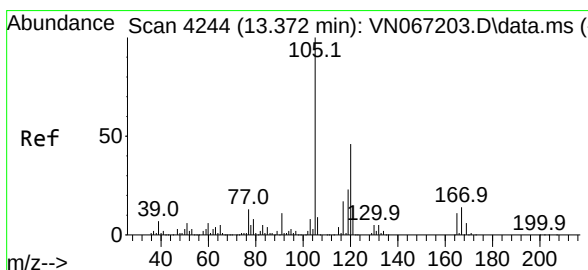
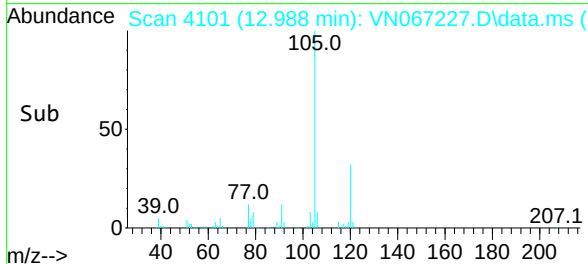
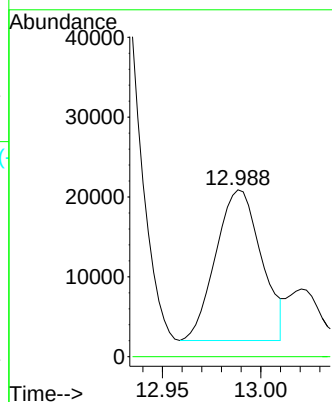
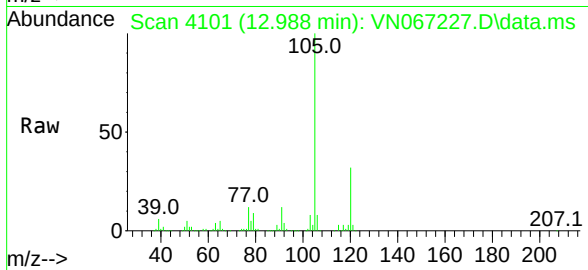




#82  
4-Chlorotoluene  
Concen: 1.986 ug/l  
RT: 12.988 min Scan# 4101  
Delta R.T. -0.024 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

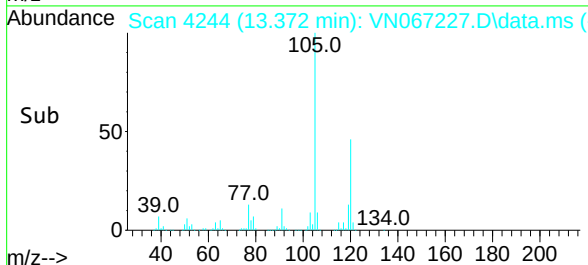
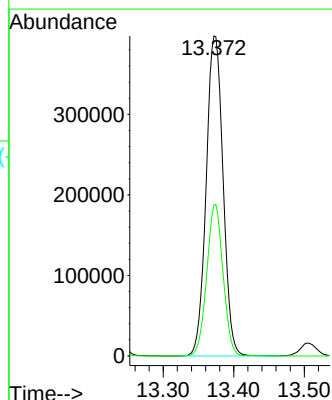
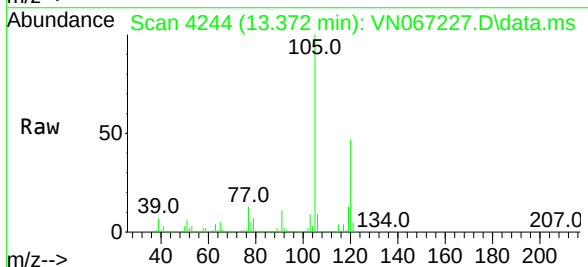
Instrument :  
MSVOA\_N  
ClientSampleId :  
FOUNDATION-EXCAVATION-SAMP

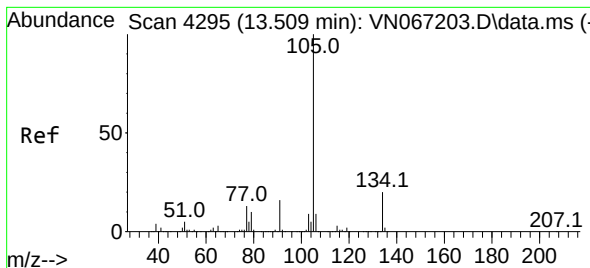
Tgt Ion: 91 Resp: 30486  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.7 53.1#



#84  
1,2,4-Trimethylbenzene  
Concen: 33.935 ug/l  
RT: 13.372 min Scan# 4244  
Delta R.T. 0.000 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion:105 Resp: 660579  
Ion Ratio Lower Upper  
105 100  
120 45.8 23.8 71.2





#85

sec-Butylbenzene

Concen: 1.098 ug/l

RT: 13.503 min Scan# 4293

Delta R.T. -0.005 min

Lab File: VN067227.D

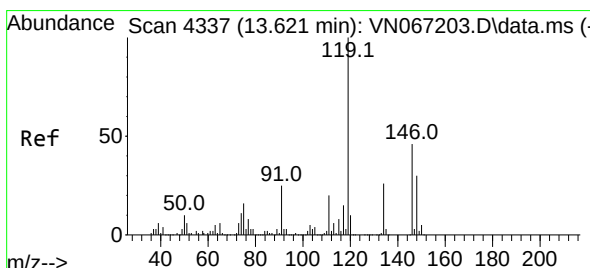
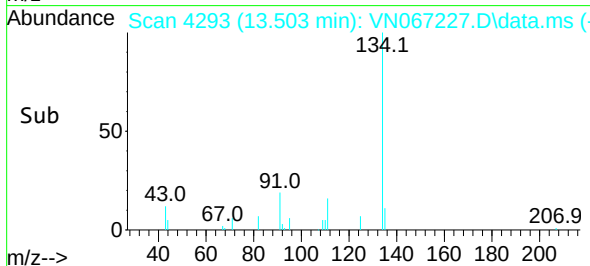
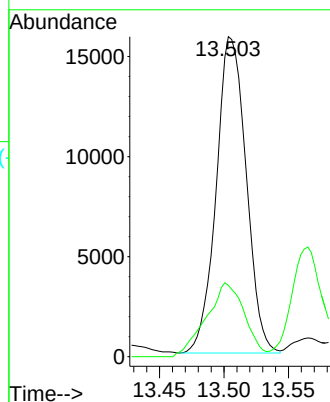
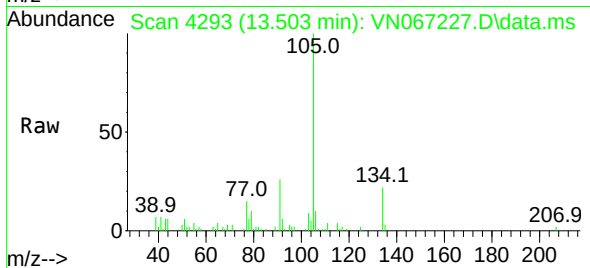
Acq: 5 Jun 2021 14:04

Tgt Ion:105 Resp: 25532

Ion Ratio Lower Upper

105 100

134 29.6 10.5 31.5



#86

p-Isopropyltoluene

Concen: 6.068 ug/l

RT: 13.621 min Scan# 4337

Delta R.T. 0.000 min

Lab File: VN067227.D

Acq: 5 Jun 2021 14:04

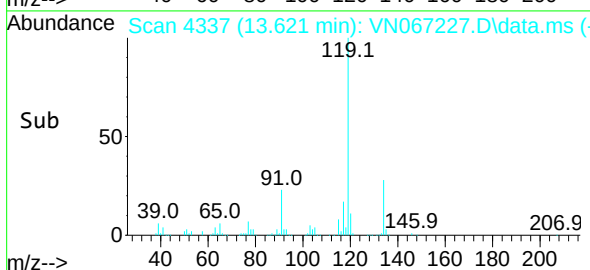
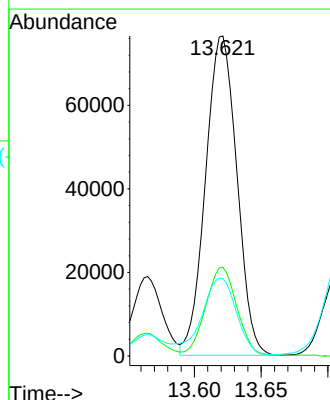
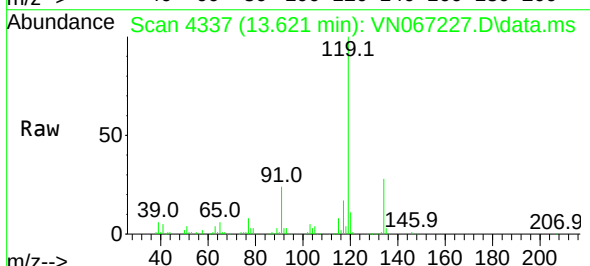
Tgt Ion:119 Resp: 124886

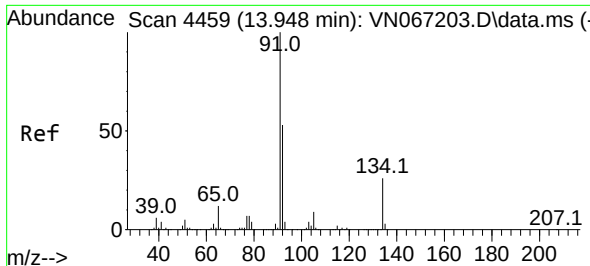
Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.9

91 25.9 10.7 32.1

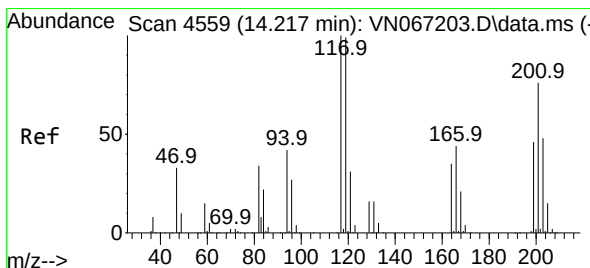
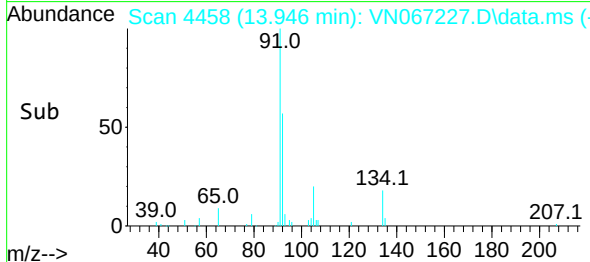
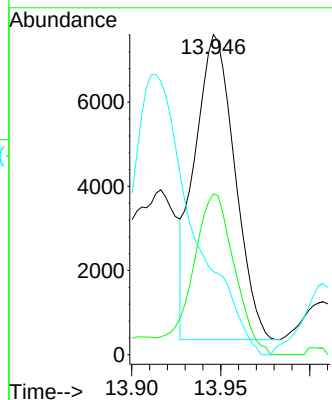
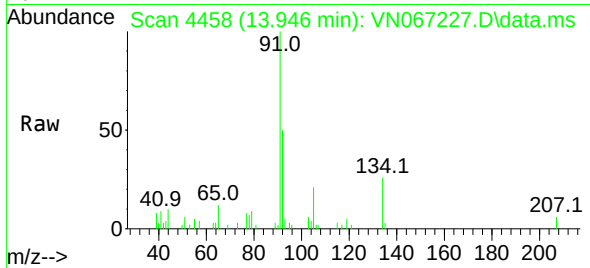




#89  
n-Butylbenzene  
Concen: 0.611 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.003 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

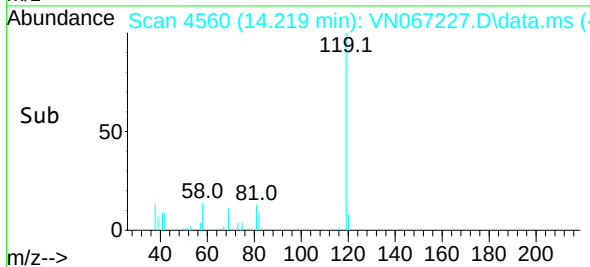
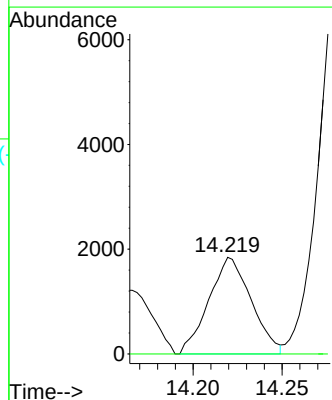
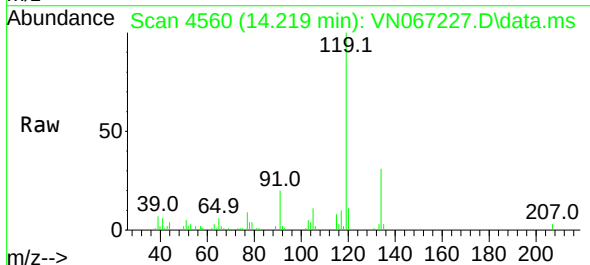
Instrument :  
MSVOA\_N  
ClientSampleId :  
FOUNDATION-EXCAVATION-SAMP

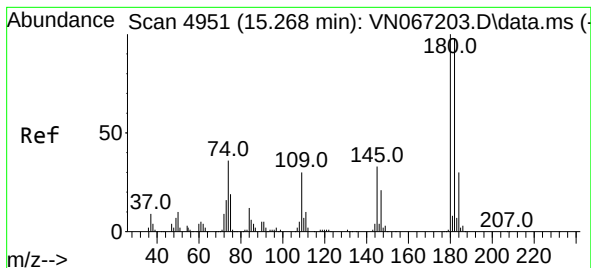
Tgt Ion: 91 Resp: 11325  
Ion Ratio Lower Upper  
91 100  
92 55.1 26.5 79.5  
134 0.0 14.3 42.9#



#90  
Hexachloroethane  
Concen: 0.865 ug/l  
RT: 14.219 min Scan# 4560  
Delta R.T. 0.003 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

Tgt Ion: 117 Resp: 3063  
Ion Ratio Lower Upper  
117 100  
201 0.0 45.5 136.5#

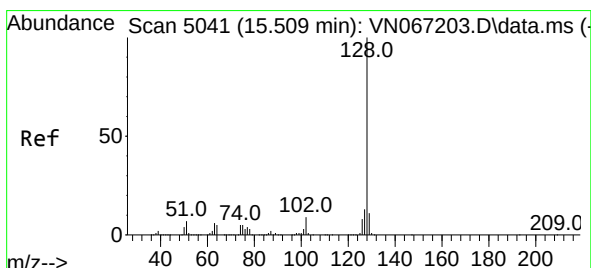
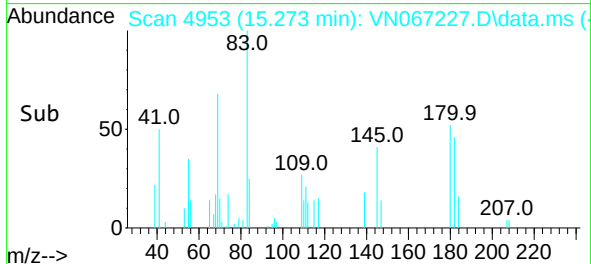
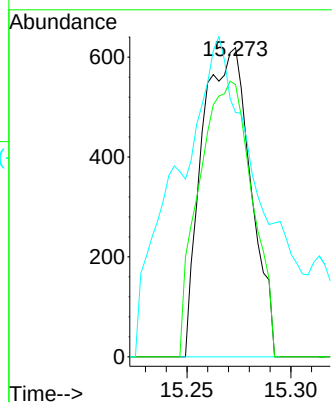
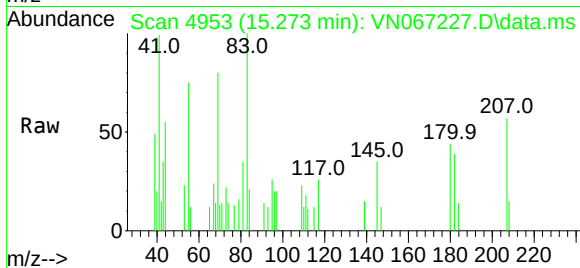




#93  
1,2,4-Trichlorobenzene  
Concen: 0.225 ug/l  
RT: 15.273 min Scan# 4953  
Delta R.T. 0.005 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

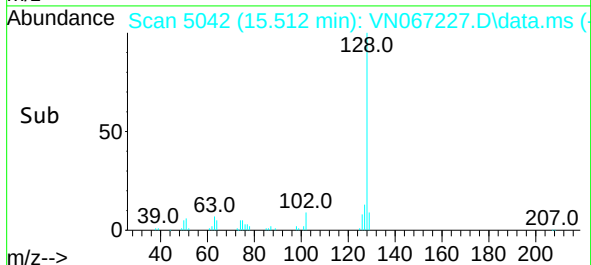
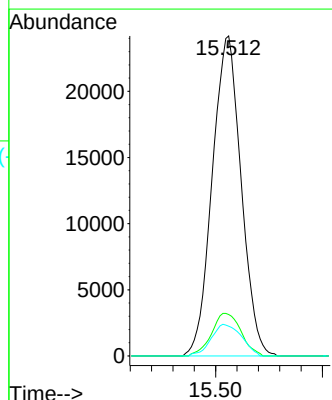
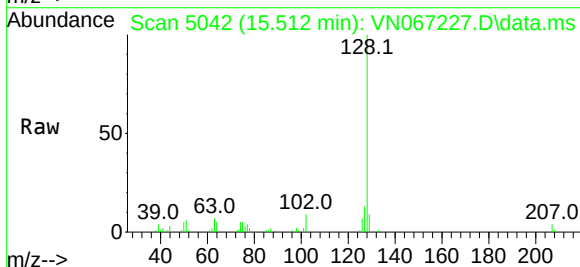
Instrument :  
MSVOA\_N  
ClientSampleId :  
FOUNDATION-EXCAVATION-SAMP

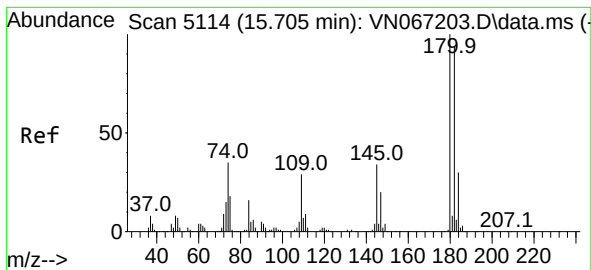
Tgt Ion:180 Resp: 1001  
Ion Ratio Lower Upper  
180 100  
182 97.7 47.3 141.8  
145 97.5 14.0 42.0#



#95  
Naphthalene  
Concen: 7.554 ug/l  
RT: 15.512 min Scan# 5042  
Delta R.T. 0.003 min  
Lab File: VN067227.D  
Acq: 5 Jun 2021 14:04

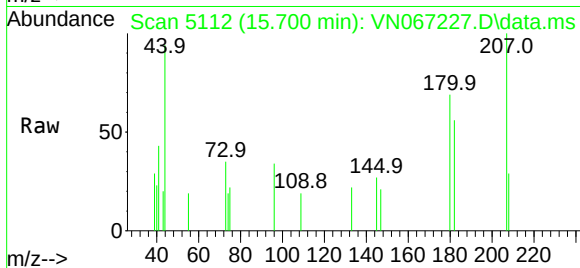
Tgt Ion:128 Resp: 45341  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.2 15.2  
129 10.4 8.6 13.0





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.255 ug/l  
 RT: 15.700 min Scan# 5112  
 Delta R.T. -0.005 min  
 Lab File: VN067227.D  
 Acq: 5 Jun 2021 14:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FOUNDATION-EXCAVATION-SAMP



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 1005   |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 43.5  | 48.5  | 145.6# |
| 145      | 36.0  | 15.4  | 46.2   |

