

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081721\  
 Data File : VN068152.D  
 Acq On : 17 Aug 2021 18:56  
 Operator : JC/MD  
 Sample : M3361-13 20X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 41943

Quant Time: Aug 18 07:20:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 13:09:49 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 420631   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 699753   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 769397   | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 312875   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 233946   | 52.090   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 104.180% |      |
| 35) Dibromofluoromethane    | 8.021  | 113   | 211043   | 48.038   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 96.080%  |      |
| 50) Toluene-d8              | 10.443 | 98    | 869497   | 51.942   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 103.880% |      |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 316471   | 56.791   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 113.580% |      |

|                               |        |     |        |           |      |       |
|-------------------------------|--------|-----|--------|-----------|------|-------|
| Target Compounds              |        |     | Qvalue |           |      |       |
| 3) Chloromethane              | 2.295  | 50  | 1084   | 0.288     | ug/l | 91    |
| 4) Vinyl Chloride             | 2.220  | 62  | 3298   | 0.559     | ug/l | # 1   |
| 5) Bromomethane               | 2.850  | 94  | 212    | Below Cal | #    | 4     |
| 6) Chloroethane               | 2.853  | 64  | 451    | Below Cal | #    | 54    |
| 11) Tert butyl alcohol        | 5.396  | 59  | 726    | 1.296     | ug/l | # 71  |
| 13) Acrolein                  | 4.030  | 56  | 349    | Below Cal | #    | 51    |
| 16) Acetone                   | 4.293  | 43  | 20218  | 15.418    | ug/l | # 88  |
| 18) Methyl Acetate            | 4.854  | 43  | 59934  | 15.690    | ug/l | # 87  |
| 19) Methyl tert-butyl Ether   | 5.615  | 73  | 22516  | 2.048     | ug/l | 97    |
| 20) Methylene Chloride        | 5.071  | 84  | 2589   | Below Cal | #    | 62    |
| 22) Diisopropyl ether         | 6.495  | 45  | 14191  | 1.490     | ug/l | # 89  |
| 23) Vinyl Acetate             | 6.501  | 43  | 7509   | 1.013     | ug/l | # 75  |
| 25) 2-Butanone                | 7.351  | 43  | 11498  | 5.626     | ug/l | # 74  |
| 29) Tetrahydrofuran           | 7.699  | 42  | 464    | 0.355     | ug/l | # 78  |
| 31) Cyclohexane               | 8.080  | 56  | 4179   | 0.706     | ug/l | # 1   |
| 36) 1,1-Dichloropropene       | 8.083  | 75  | 27870  | 4.872     | ug/l | # 48  |
| 37) Ethyl Acetate             | 7.415  | 43  | 16991  | 3.487     | ug/l | # 93  |
| 38) Carbon Tetrachloride      | 8.083  | 117 | 39055  | 5.920     | ug/l | # 16  |
| 40) Benzene                   | 8.458  | 78  | 95486  | 5.469     | ug/l | 97    |
| 48) Methyl methacrylate       | 9.531  | 41  | 6781   | 2.085     | ug/l | # 45  |
| 51) 4-Methyl-2-Pentanone      | 10.330 | 43  | 1397   | 0.291     | ug/l | # 67  |
| 52) Toluene                   | 10.507 | 92  | 178686 | 15.013    | ug/l | 99    |
| 53) t-1,3-Dichloropropene     | 10.505 | 75  | 2088   | 0.341     | ug/l | # 1   |
| 59) 2-Hexanone                | 11.095 | 43  | 1702   | 0.511     | ug/l | # 58  |
| 67) Ethyl Benzene             | 11.846 | 91  | 30519  | 1.174     | ug/l | 94    |
| 68) m/p-Xylenes               | 11.953 | 106 | 44943  | 4.324     | ug/l | 80    |
| 69) o-Xylene                  | 12.283 | 106 | 32221  | 3.208     | ug/l | 83    |
| 76) 1,2,3-Trichloropropane    | 12.733 | 75  | 159536 | 30.678    | ug/l | # 100 |
| 78) n-propylbenzene           | 12.921 | 91  | 10224  | 0.428     | ug/l | 91    |
| 79) 2-Chlorotoluene           | 12.986 | 91  | 4681   | 0.317     | ug/l | # 46  |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105 | 19445  | 1.080     | ug/l | 87    |
| 81) trans-1,4-Dichloro-2-b... | 12.733 | 75  | 159536 | 100.507   | ug/l | # 6   |
| 83) tert-Butylbenzene         | 13.372 | 119 | 12597  | 0.788     | ug/l | # 79  |
| 84) 1,2,4-Trimethylbenzene    | 13.372 | 105 | 101336 | 5.767     | ug/l | 92    |
| 89) n-Butylbenzene            | 13.943 | 91  | 4809   | 0.371     | ug/l | # 80  |
| 90) Hexachloroethane          | 14.217 | 117 | 2231   | 0.692     | ug/l | # 16  |

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Sample : M3361-13 20X  
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ALS Vial : 21 Sample Multiplier: 1

Instrument :  
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Quant Time: Aug 18 07:20:59 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 13:09:49 2021  
Response via : Initial Calibration

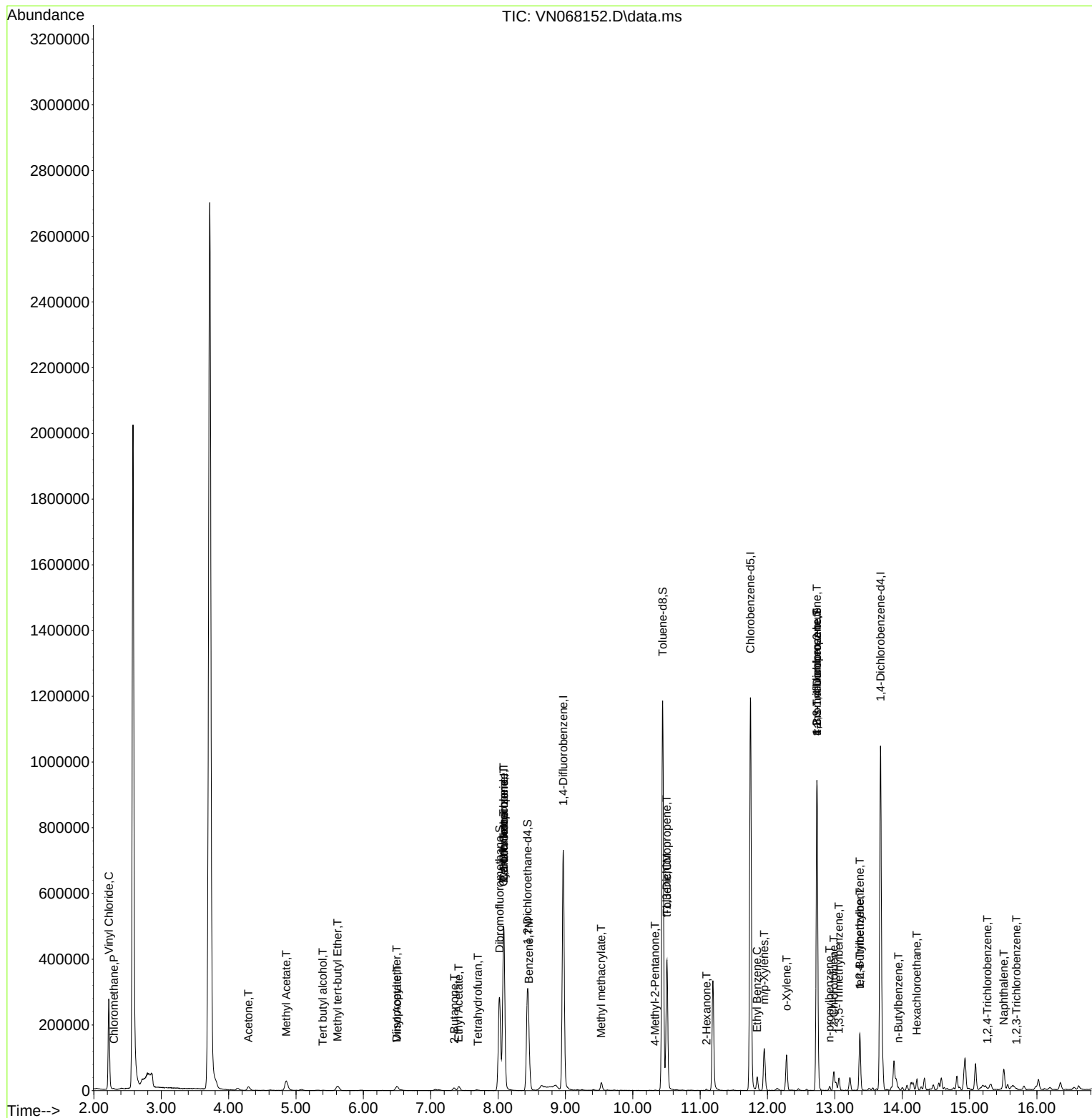
| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.265 | 180  | 749      | 2.821 | ug/l # | 60       |
| 95) Naphthalene            | 15.507 | 128  | 62476    | 8.091 | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.697 | 180  | 724      | 2.969 | ug/l # | 44       |

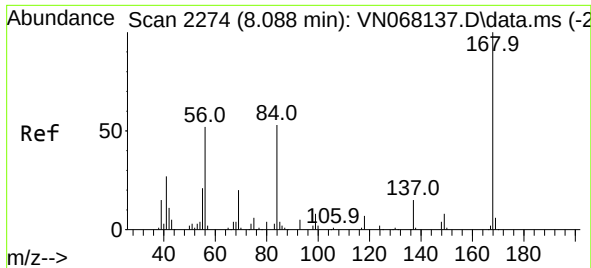
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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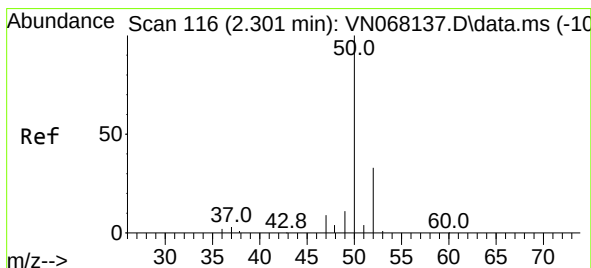
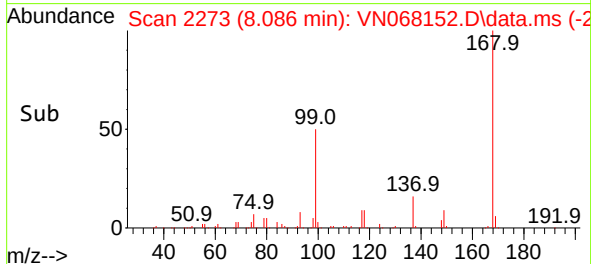
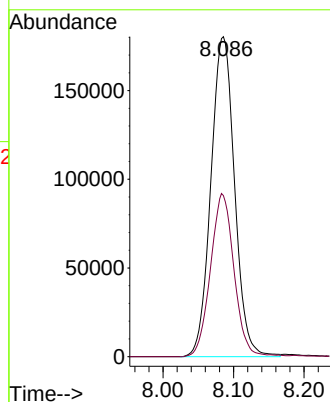
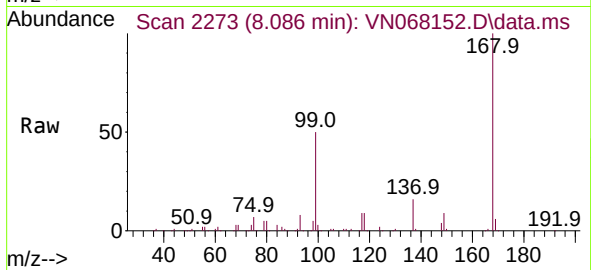




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.002 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

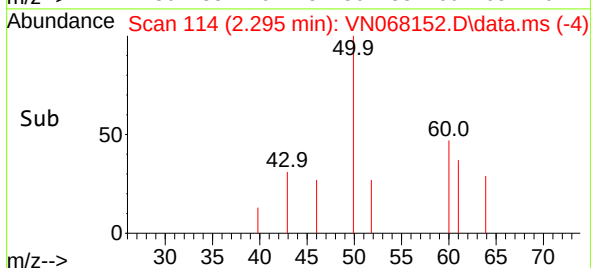
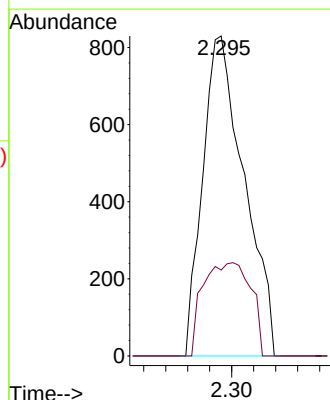
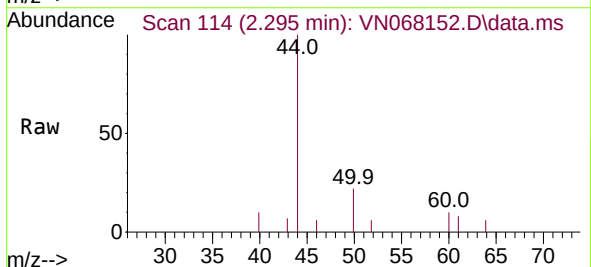
Instrument :  
MSVOA\_N  
ClientSampled :  
41943

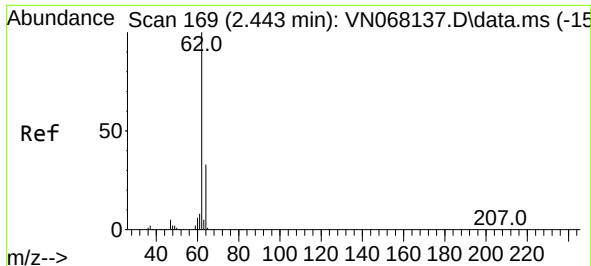
Tgt Ion:168 Resp: 420631  
Ion Ratio Lower Upper  
168 100  
99 50.3 62.9 94.3#



#3  
Chloromethane  
Concen: 0.288 ug/l  
RT: 2.295 min Scan# 114  
Delta R.T. -0.006 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 50 Resp: 1084  
Ion Ratio Lower Upper  
50 100  
52 26.9 25.6 38.4

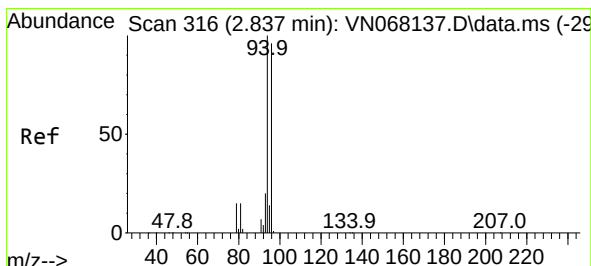
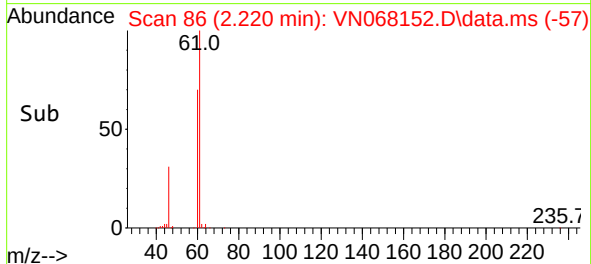
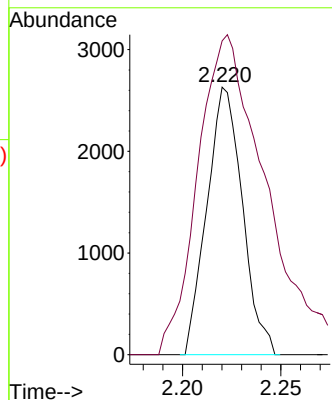
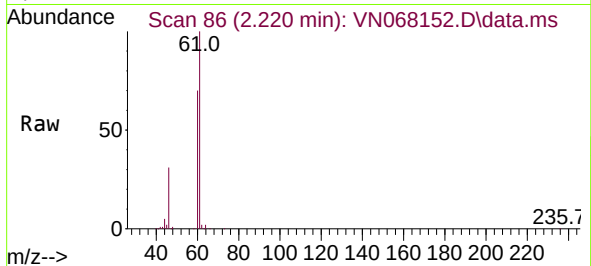




#4  
 Vinyl Chloride  
 Concen: 0.559 ug/l  
 RT: 2.220 min Scan# 86  
 Delta R.T. -0.223 min  
 Lab File: VN068152.D  
 Acq: 17 Aug 2021 18:56

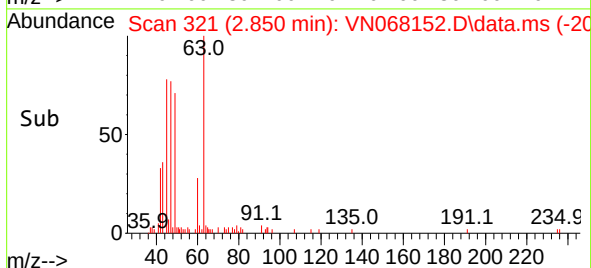
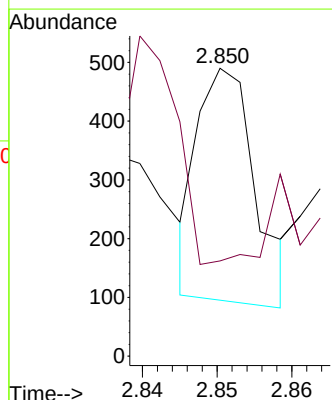
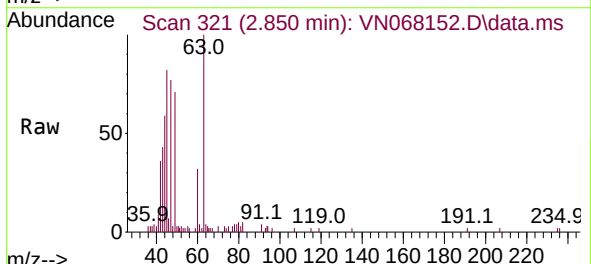
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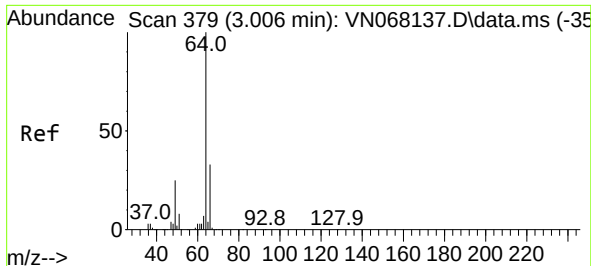
Tgt Ion: 62 Resp: 3298  
 Ion Ratio Lower Upper  
 62 100  
 64 97.2 24.4 36.6#



#5  
 Bromomethane  
 Concen: Below Cal  
 RT: 2.850 min Scan# 321  
 Delta R.T. 0.013 min  
 Lab File: VN068152.D  
 Acq: 17 Aug 2021 18:56

Tgt Ion: 94 Resp: 212  
 Ion Ratio Lower Upper  
 94 100  
 96 0.0 73.7 110.5#

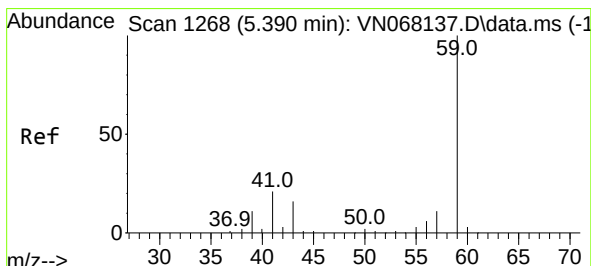
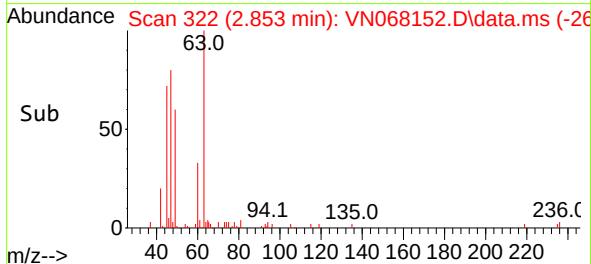
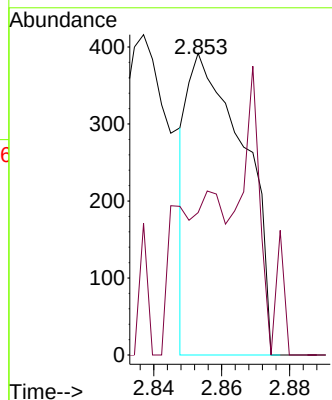
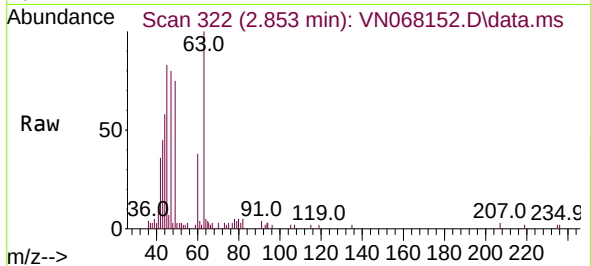




#6  
Chloroethane  
Concen: Below Cal  
RT: 2.853 min Scan# 322  
Delta R.T. -0.153 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

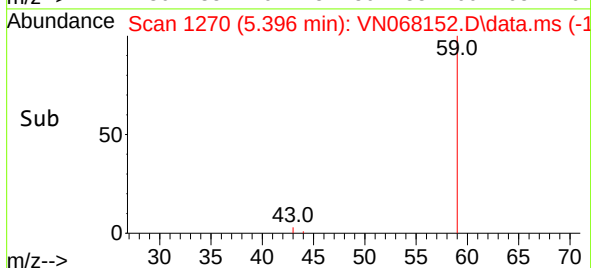
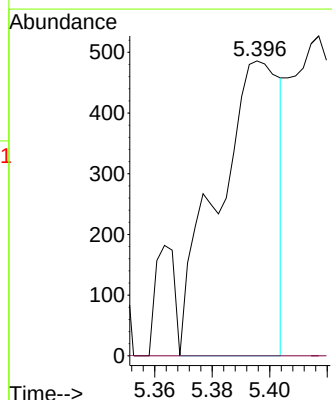
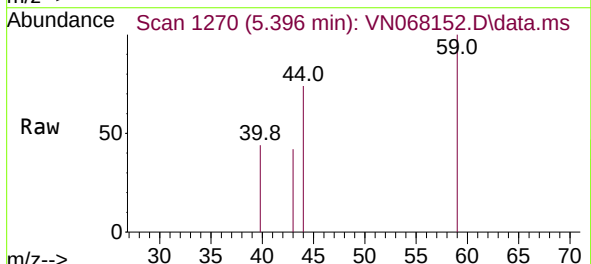
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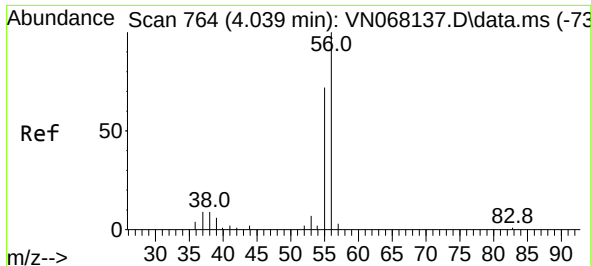
Tgt Ion: 64 Resp: 451  
Ion Ratio Lower Upper  
64 100  
66 5.9 24.7 37.1#



#11  
Tert butyl alcohol  
Concen: 1.296 ug/l  
RT: 5.396 min Scan# 1270  
Delta R.T. 0.006 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 59 Resp: 726  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#

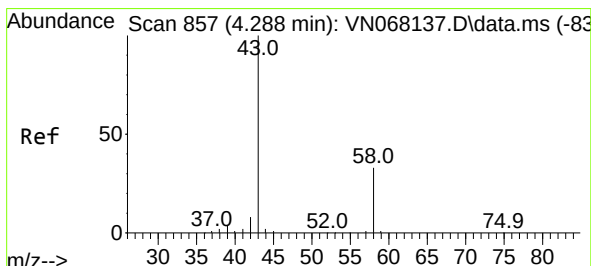
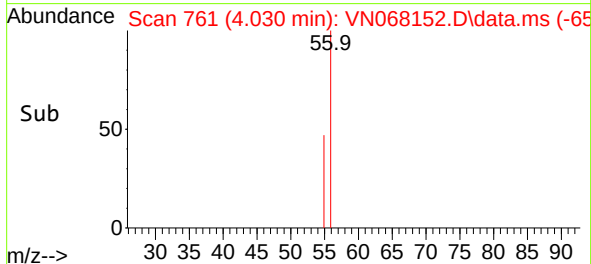
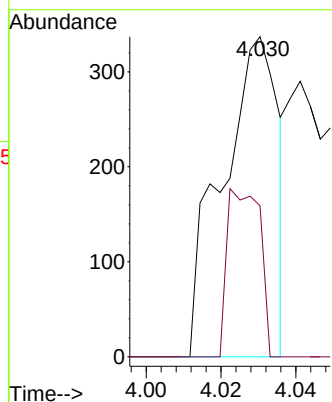
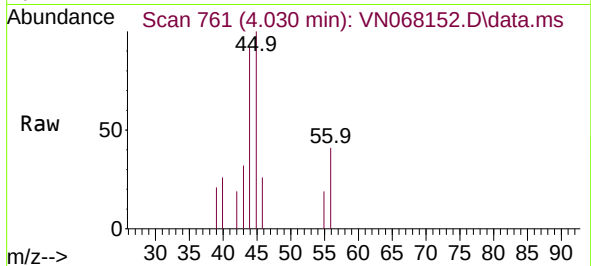




#13  
Acrolein  
Concen: Below Cal  
RT: 4.030 min Scan# 761  
Delta R.T. -0.009 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

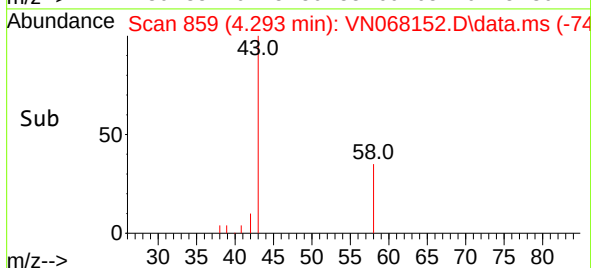
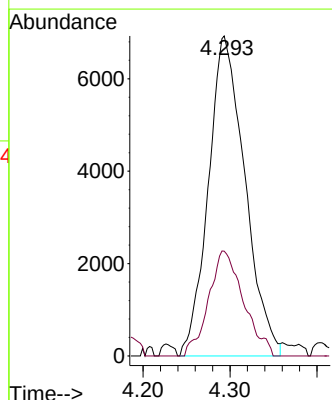
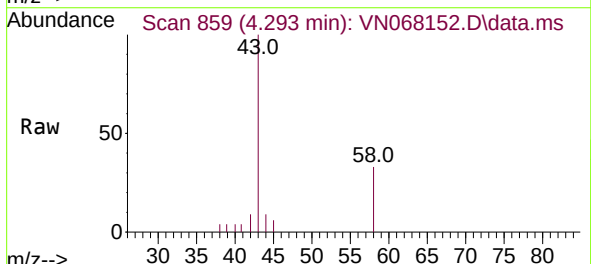
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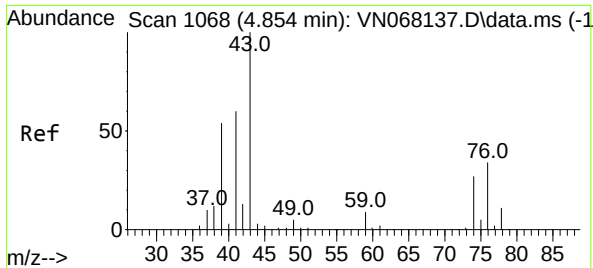
Tgt Ion: 56 Resp: 349  
Ion Ratio Lower Upper  
56 100  
55 30.9 57.4 86.0#



#16  
Acetone  
Concen: 15.418 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.005 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 43 Resp: 20218  
Ion Ratio Lower Upper  
43 100  
58 32.7 21.2 31.8#

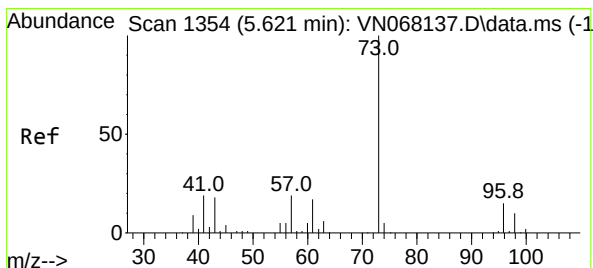
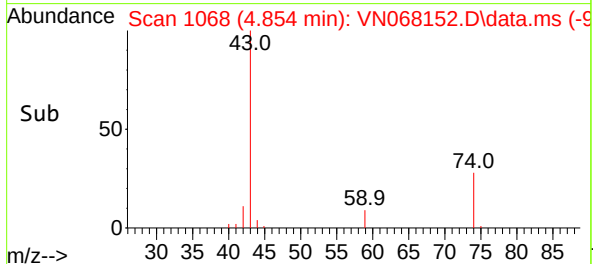
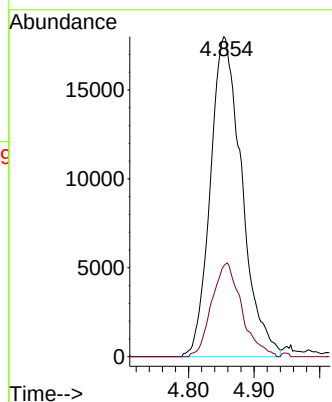
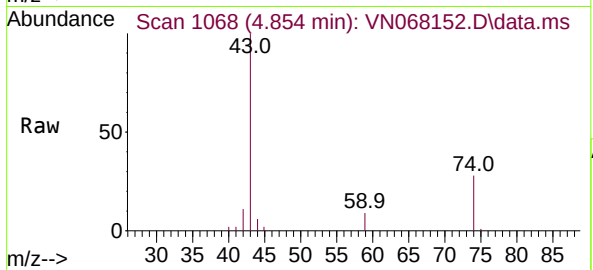




#18  
Methyl Acetate  
Concen: 15.690 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

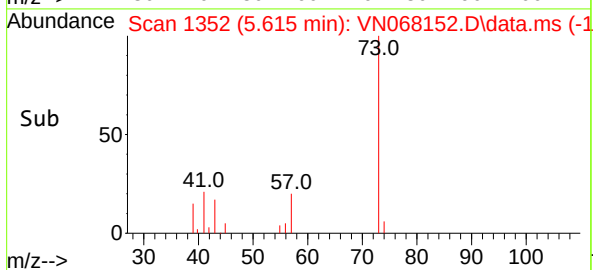
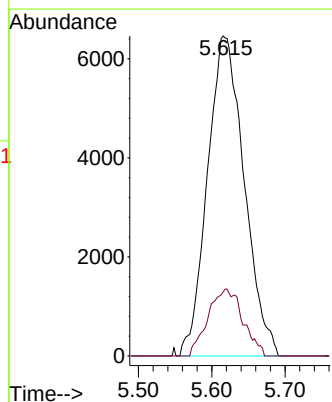
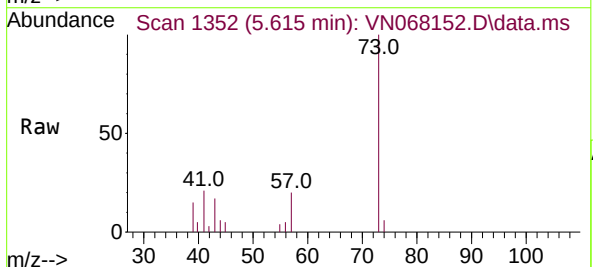
Instrument :  
MSVOA\_N  
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41943

Tgt Ion: 43 Resp: 59934  
Ion Ratio Lower Upper  
43 100  
74 27.8 17.4 26.0#

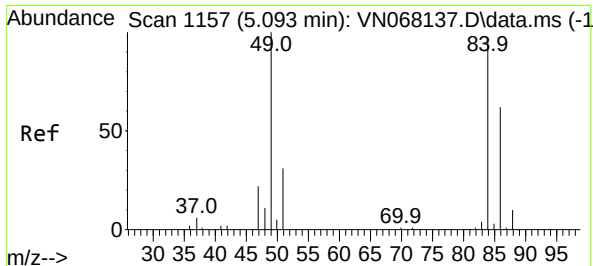


#19  
Methyl tert-butyl Ether  
Concen: 2.048 ug/l  
RT: 5.615 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 73 Resp: 22516  
Ion Ratio Lower Upper  
73 100  
57 20.1 17.0 25.6



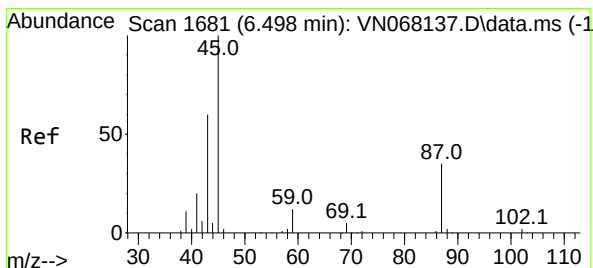
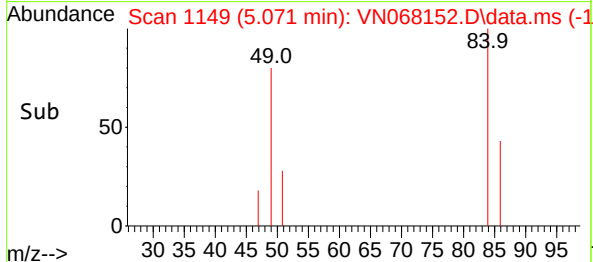
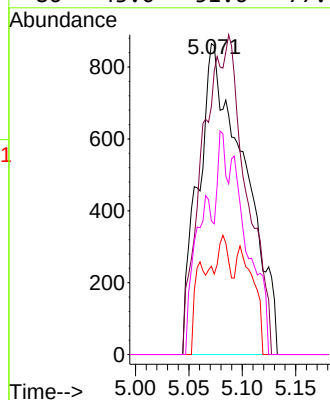
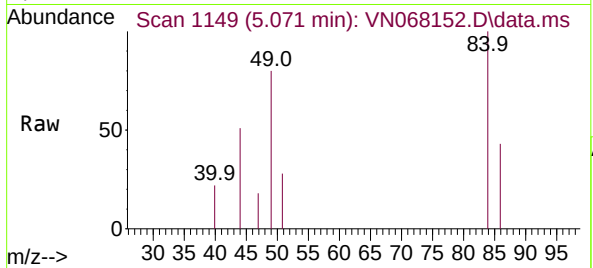




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 5.071 min Scan# 1149  
Delta R.T. -0.022 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

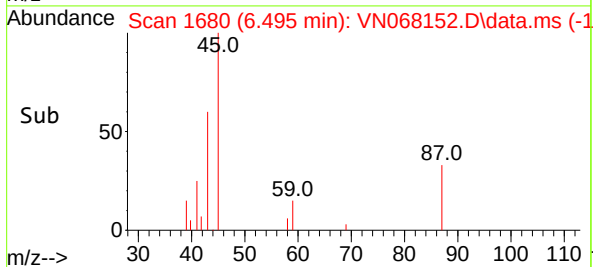
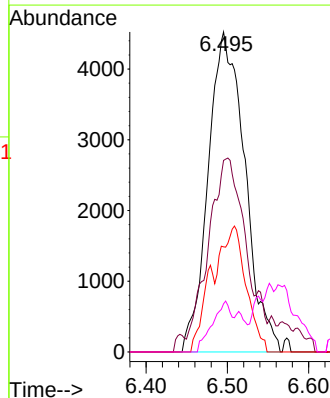
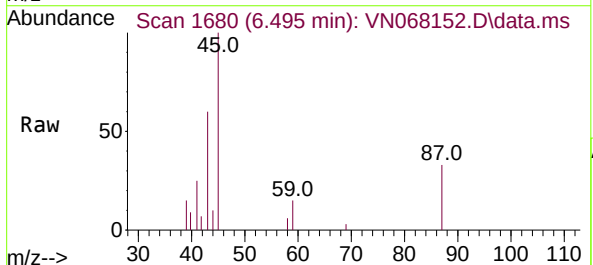
Instrument :  
MSVOA\_N  
ClientSampled :  
41943

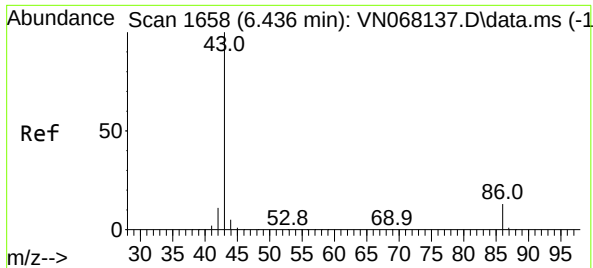
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 2589   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 79.8  | 110.9 | 166.3# |
| 51       | 28.4  | 32.6  | 49.0#  |
| 86       | 43.0  | 51.6  | 77.4#  |



#22  
Diisopropyl ether  
Concen: 1.490 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. -0.003 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 14191 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 54.4  | 49.4  | 74.2  |
| 87       | 32.9  | 20.9  | 31.3# |
| 59       | 15.0  | 9.0   | 13.4# |

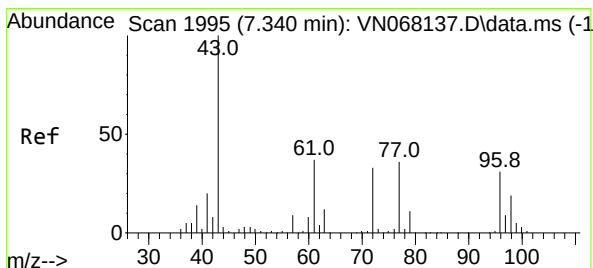
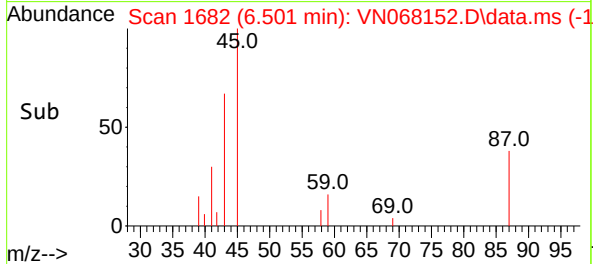
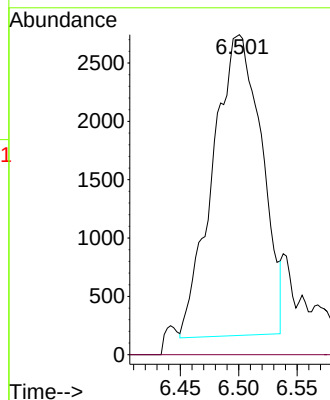
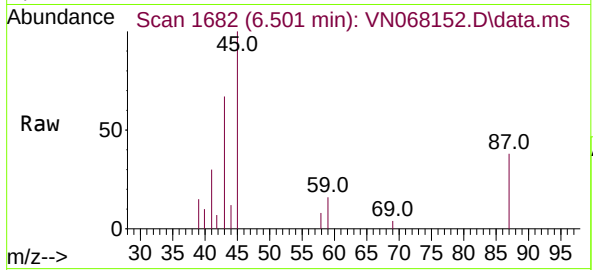




#23  
 Vinyl Acetate  
 Concen: 1.013 ug/l  
 RT: 6.501 min Scan# 1682  
 Delta R.T. 0.065 min  
 Lab File: VN068152.D  
 Acq: 17 Aug 2021 18:56

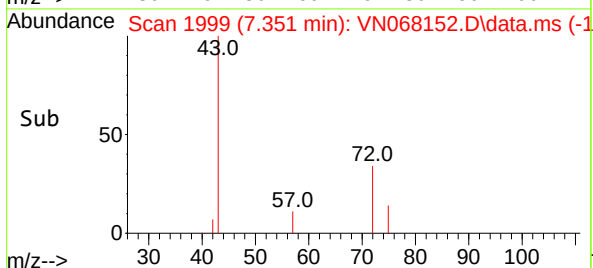
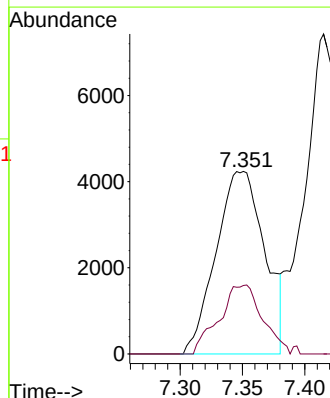
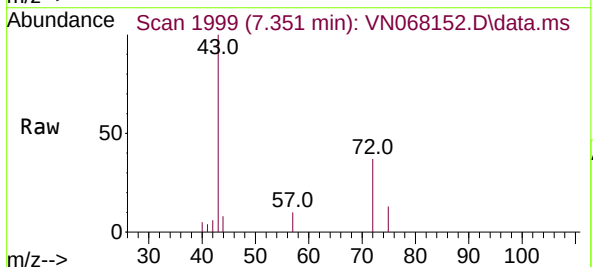
Instrument :  
 MSVOA\_N  
 ClientSampled :  
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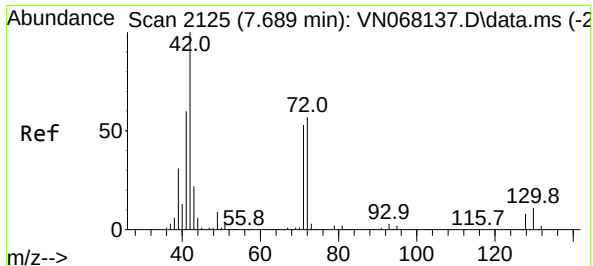
Tgt Ion: 43 Resp: 7509  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 7.3 10.9#



#25  
 2-Butanone  
 Concen: 5.626 ug/l  
 RT: 7.351 min Scan# 1999  
 Delta R.T. 0.011 min  
 Lab File: VN068152.D  
 Acq: 17 Aug 2021 18:56

Tgt Ion: 43 Resp: 11498  
 Ion Ratio Lower Upper  
 43 100  
 72 37.5 19.7 29.5#





#29

Tetrahydrofuran

Concen: 0.355 ug/l

RT: 7.699 min Scan# 2129

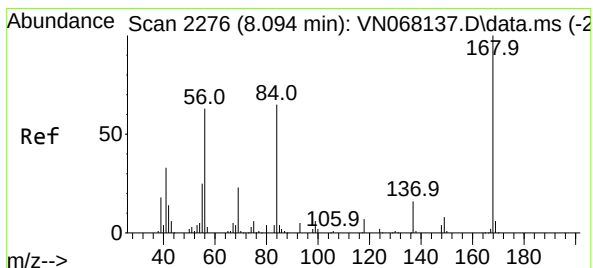
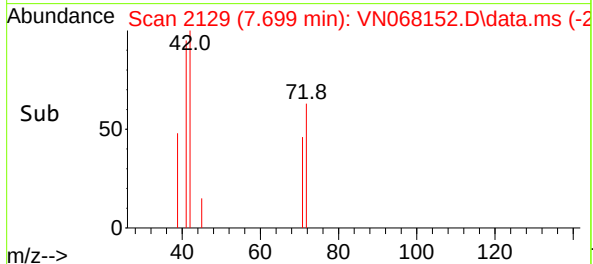
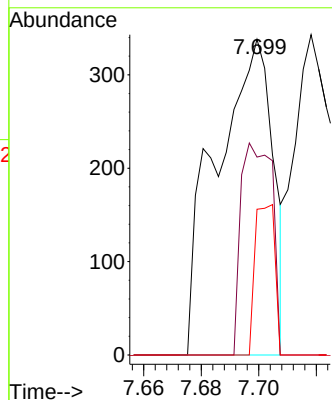
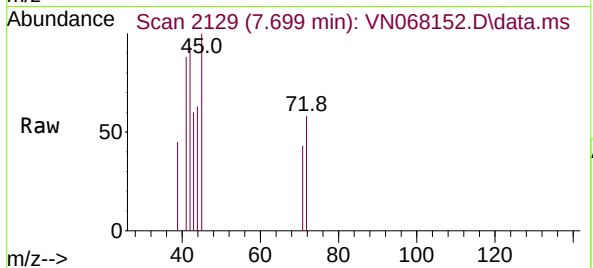
Delta R.T. 0.010 min

Lab File: VN068152.D

Acq: 17 Aug 2021 18:56

|             |                 |
|-------------|-----------------|
| Tgt Ion: 42 | Resp: 464       |
| Ion Ratio   | Lower Upper     |
| 42          | 100             |
| 72          | 36.6 32.8 49.2  |
| 71          | 16.4 31.2 46.8# |

Instrument :  
MSVOA\_N  
ClientSampled :  
41943



#31

Cyclohexane

Concen: 0.706 ug/l

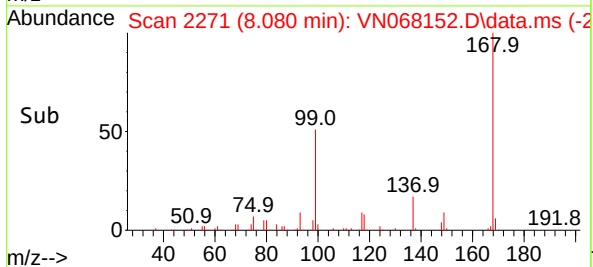
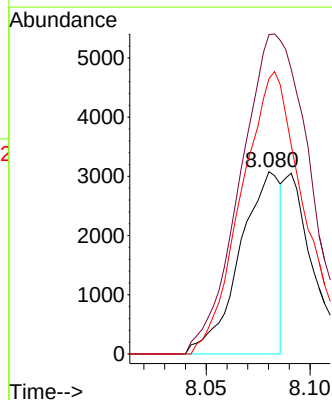
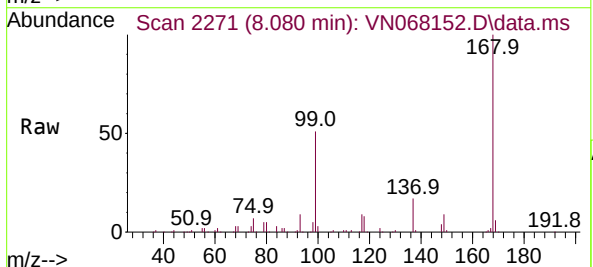
RT: 8.080 min Scan# 2271

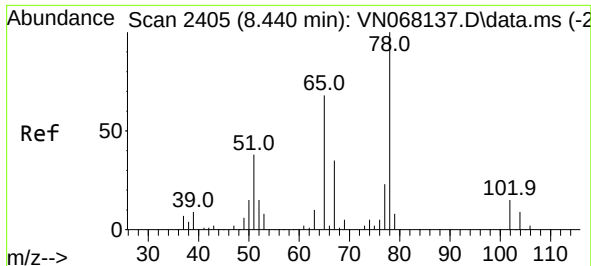
Delta R.T. -0.014 min

Lab File: VN068152.D

Acq: 17 Aug 2021 18:56

|             |                  |
|-------------|------------------|
| Tgt Ion: 56 | Resp: 4179       |
| Ion Ratio   | Lower Upper      |
| 56          | 100              |
| 69          | 175.2 27.3 40.9# |
| 84          | 151.0 64.9 97.3# |

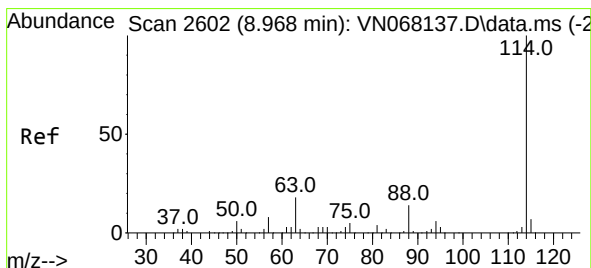
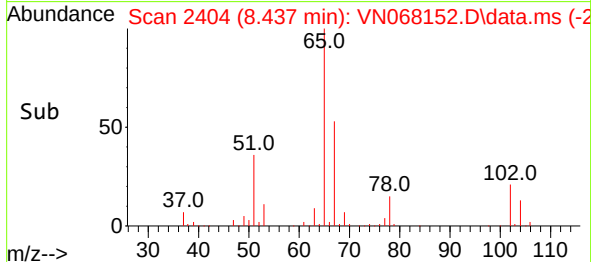
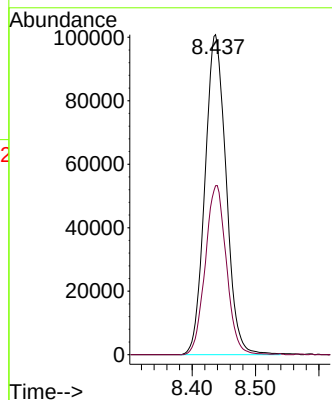
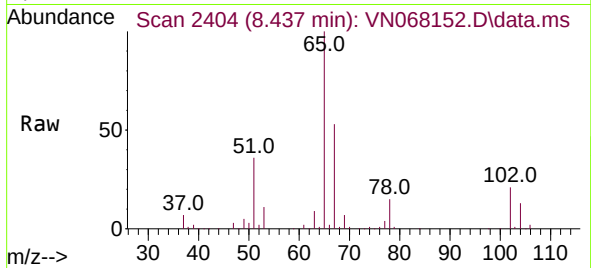




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.090 ug/l  
 RT: 8.437 min Scan# 2404  
 Delta R.T. -0.003 min  
 Lab File: VN068152.D  
 Acq: 17 Aug 2021 18:56

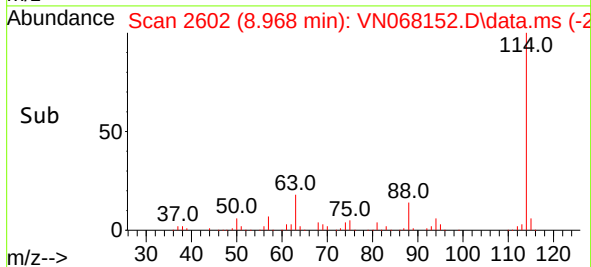
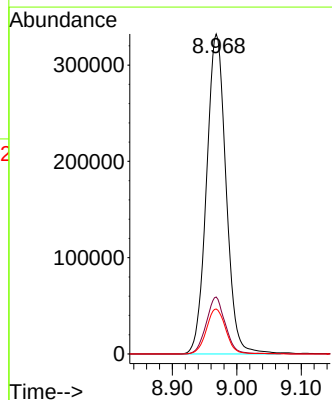
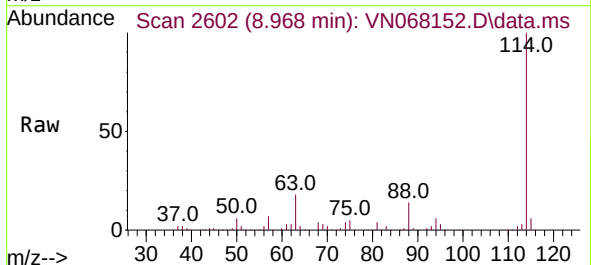
Instrument :  
 MSVOA\_N  
 ClientSampled :  
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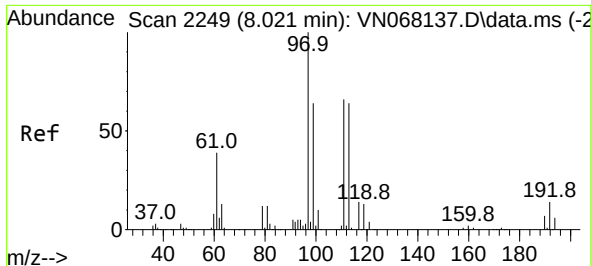
Tgt Ion: 65 Resp: 233946  
 Ion Ratio Lower Upper  
 65 100  
 67 52.7 0.0 98.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.968 min Scan# 2602  
 Delta R.T. -0.000 min  
 Lab File: VN068152.D  
 Acq: 17 Aug 2021 18:56

Tgt Ion: 114 Resp: 699753  
 Ion Ratio Lower Upper  
 114 100  
 63 17.8 0.0 49.0  
 88 14.0 0.0 36.6

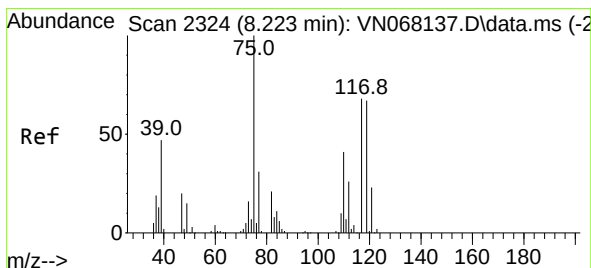
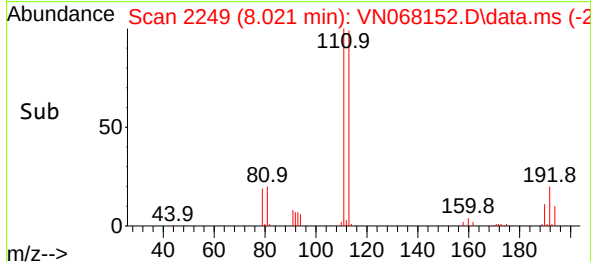
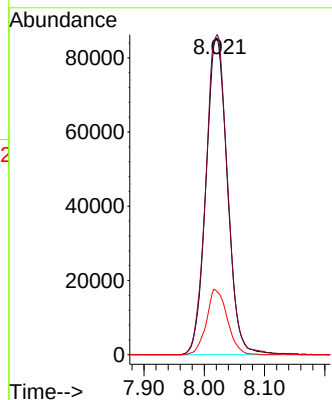
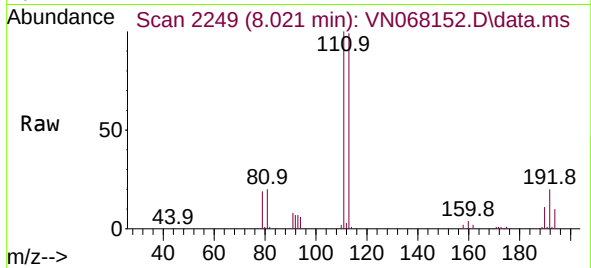




#35  
Dibromofluoromethane  
Concen: 48.038 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

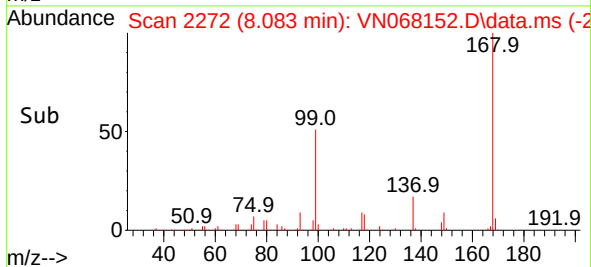
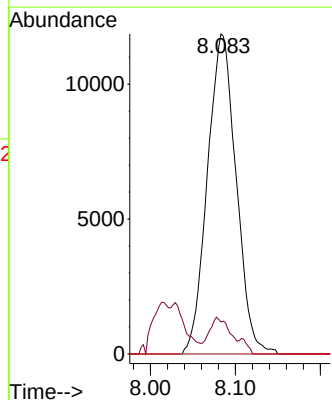
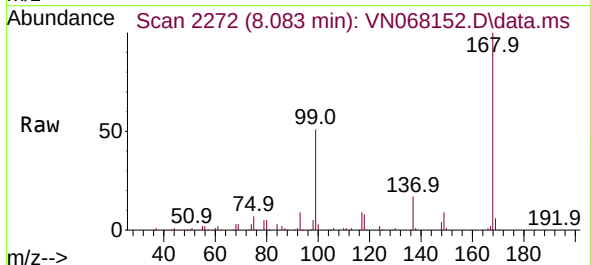
Instrument :  
MSVOA\_N  
ClientSampled :  
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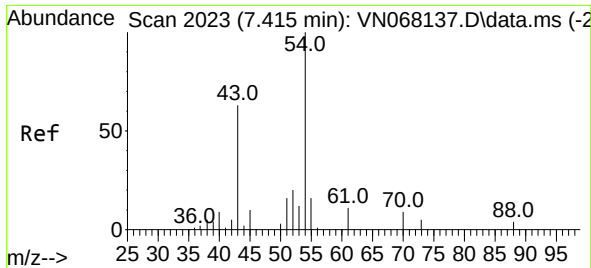
Tgt Ion:113 Resp: 211043  
Ion Ratio Lower Upper  
113 100  
111 102.4 83.8 125.8  
192 20.0 13.4 20.0



#36  
1,1-Dichloropropene  
Concen: 4.872 ug/l  
RT: 8.083 min Scan# 2272  
Delta R.T. -0.140 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 75 Resp: 27870  
Ion Ratio Lower Upper  
75 100  
110 4.7 15.7 47.0#  
77 0.0 24.6 37.0#

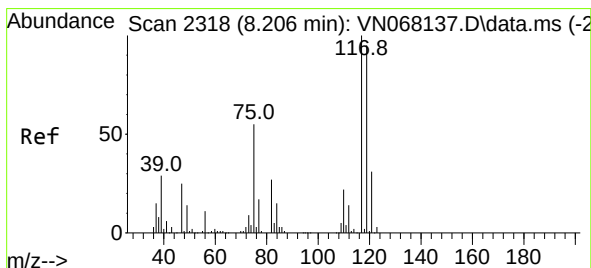
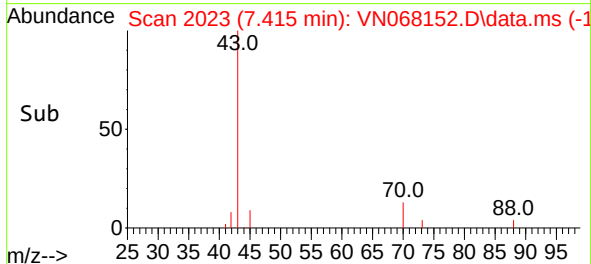
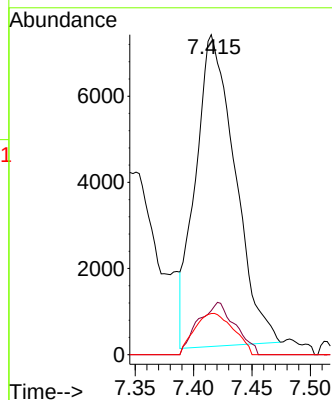
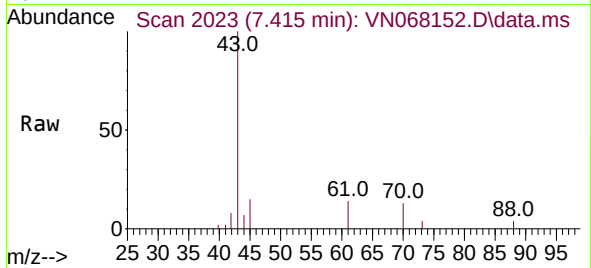




#37  
Ethyl Acetate  
Concen: 3.487 ug/l  
RT: 7.415 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

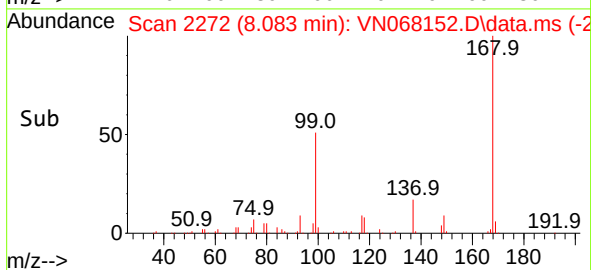
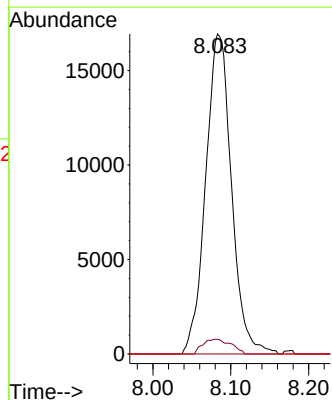
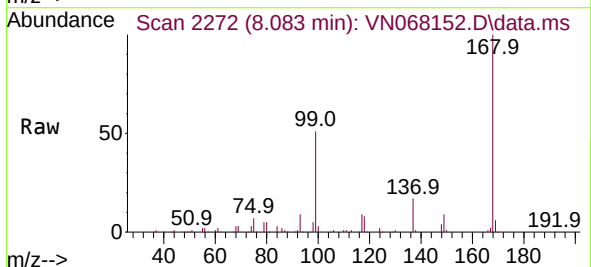
Instrument :  
MSVOA\_N  
ClientSampled :  
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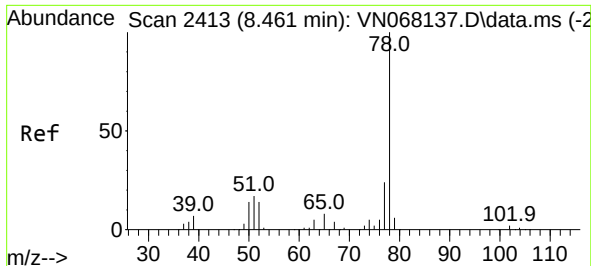
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16991 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.7  | 10.6  | 16.0  |
| 70       | 13.1  | 8.1   | 12.1# |



#38  
Carbon Tetrachloride  
Concen: 5.920 ug/l  
RT: 8.083 min Scan# 2272  
Delta R.T. -0.123 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 39055  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 4.6   | 75.4  | 113.2# |
| 121      | 0.0   | 23.5  | 35.3#  |

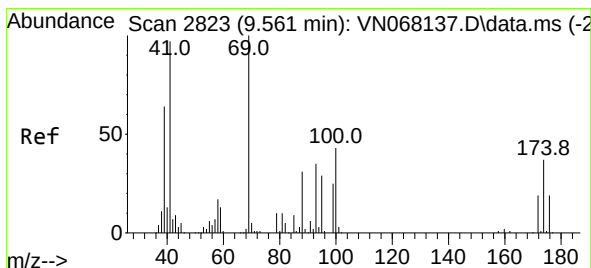
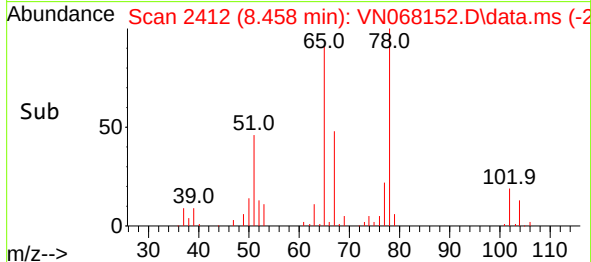
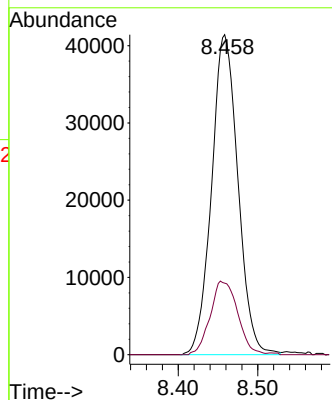
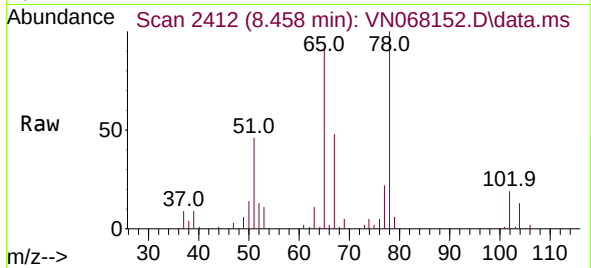




#40  
Benzene  
Concen: 5.469 ug/l  
RT: 8.458 min Scan# 2412  
Delta R.T. -0.003 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

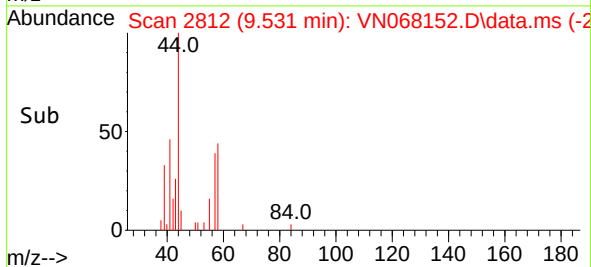
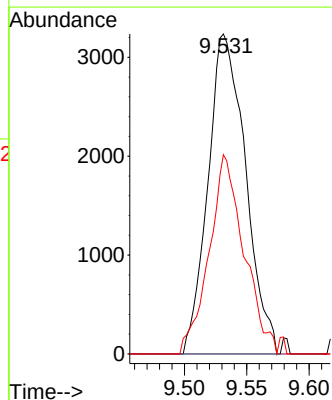
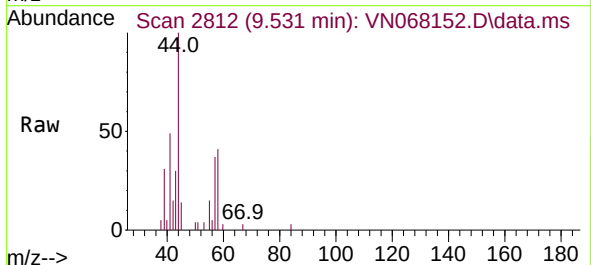
Instrument :  
MSVOA\_N  
ClientSampled :  
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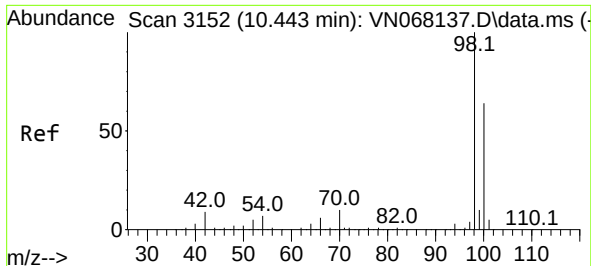
Tgt Ion: 78 Resp: 95486  
Ion Ratio Lower Upper  
78 100  
77 22.3 18.9 28.3



#48  
Methyl methacrylate  
Concen: 2.085 ug/l  
RT: 9.531 min Scan# 2812  
Delta R.T. -0.030 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 41 Resp: 6781  
Ion Ratio Lower Upper  
41 100  
69 0.0 64.6 96.8#  
39 57.7 53.3 79.9

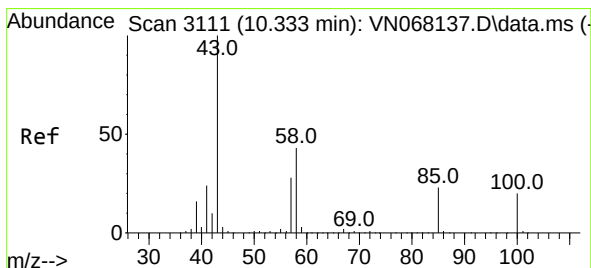
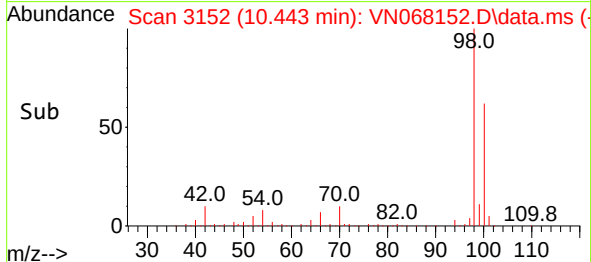
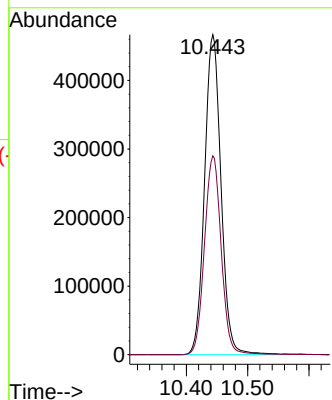
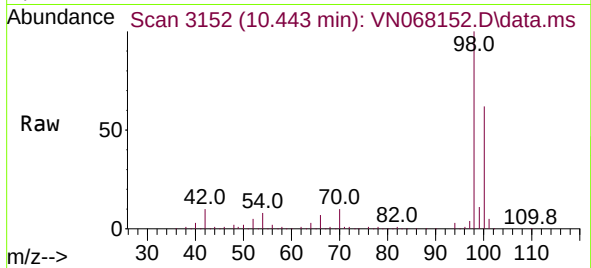




#50  
Toluene-d8  
Concen: 51.942 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

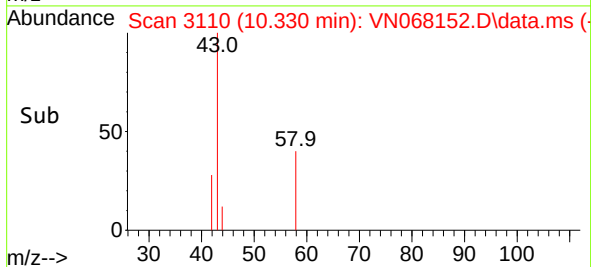
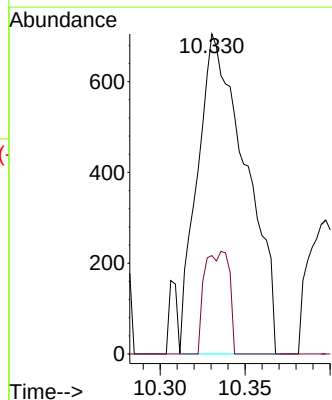
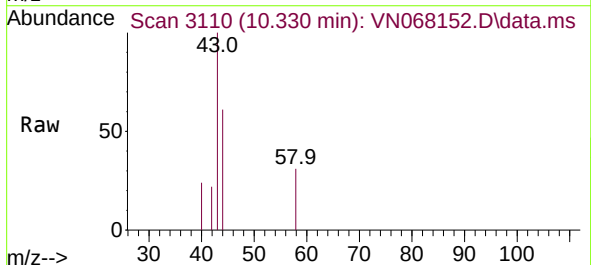
Instrument :  
MSVOA\_N  
ClientSampled :  
41943

Tgt Ion: 98 Resp: 869497  
Ion Ratio Lower Upper  
98 100  
100 63.4 51.7 77.5

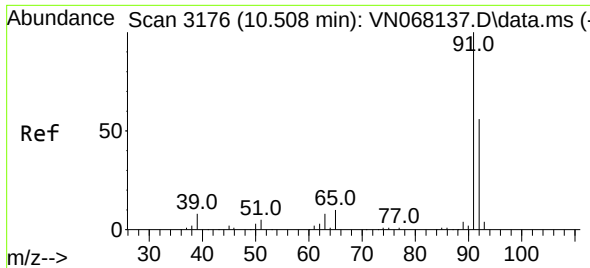


#51  
4-Methyl-2-Pentanone  
Concen: 0.291 ug/l  
RT: 10.330 min Scan# 3110  
Delta R.T. -0.003 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 43 Resp: 1397  
Ion Ratio Lower Upper  
43 100  
58 16.4 28.6 43.0#



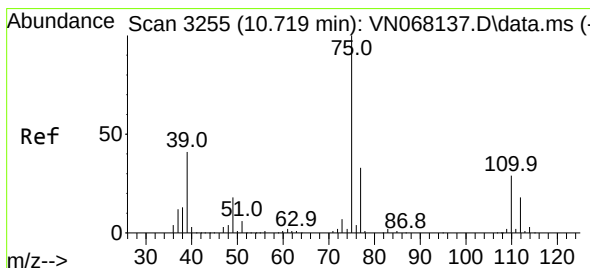
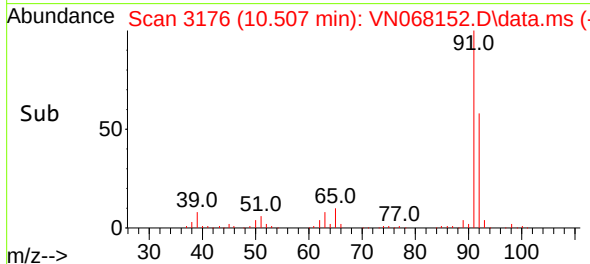
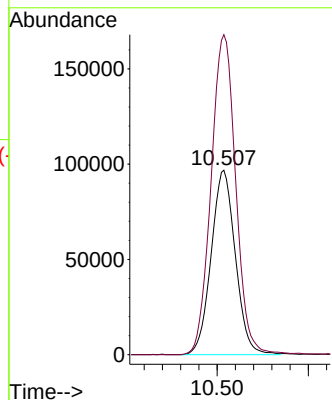
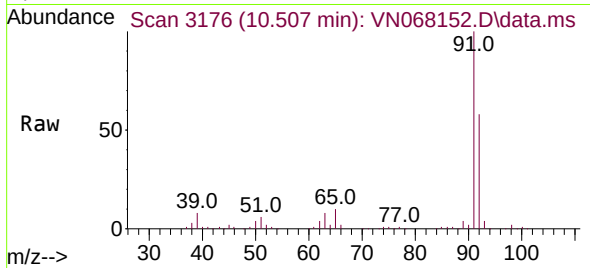




#52  
Toluene  
Concen: 15.013 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.001 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

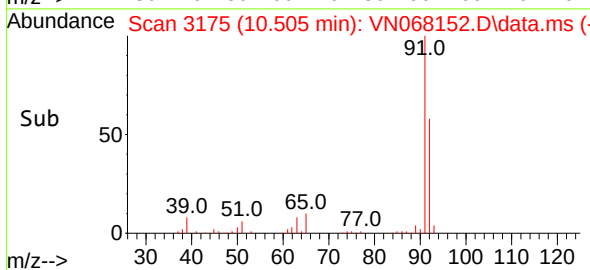
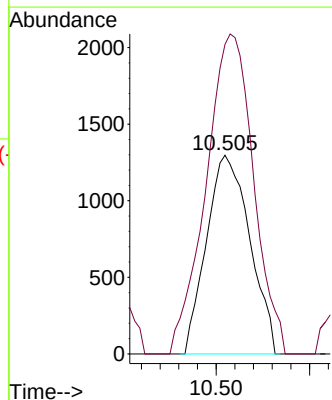
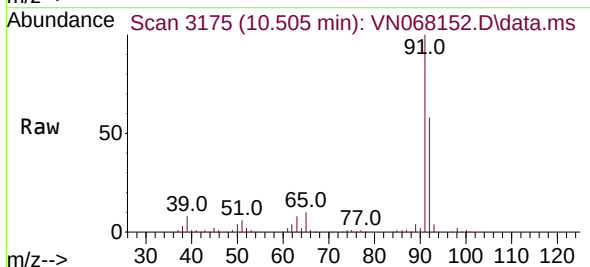
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MSVOA\_N  
ClientSampleId :  
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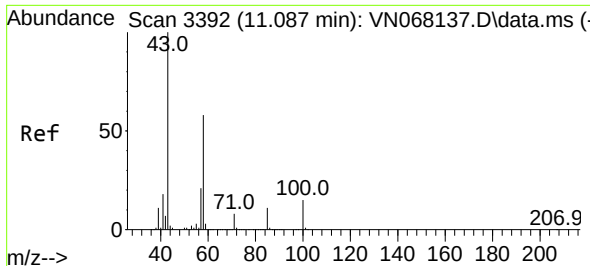
Tgt Ion: 92 Resp: 178686  
Ion Ratio Lower Upper  
92 100  
91 176.6 139.6 209.4



#53  
t-1,3-Dichloropropene  
Concen: 0.341 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.214 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 75 Resp: 2088  
Ion Ratio Lower Upper  
75 100  
77 139.7 25.1 37.7#

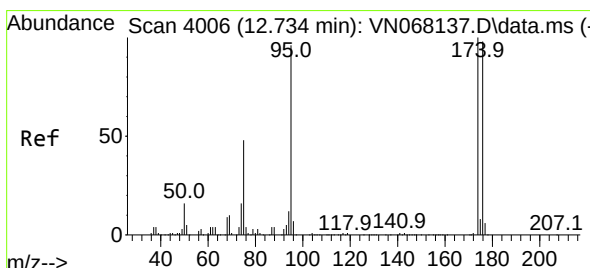
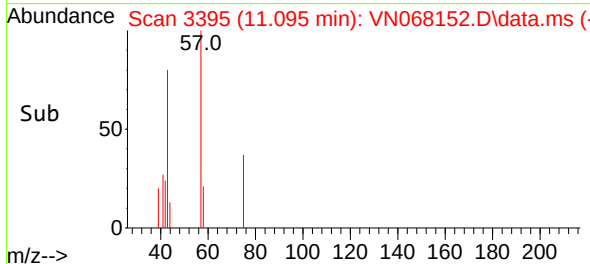
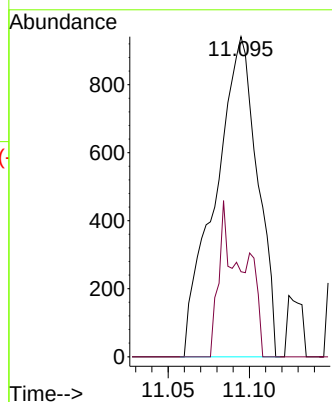
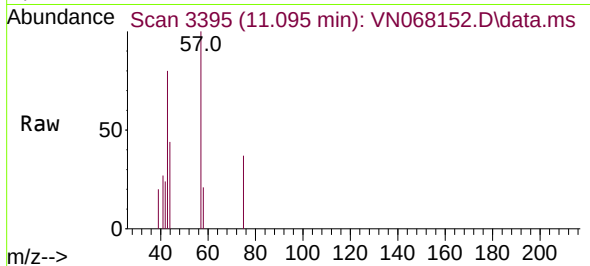




#59  
2-Hexanone  
Concen: 0.511 ug/l  
RT: 11.095 min Scan# 3395  
Delta R.T. 0.008 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

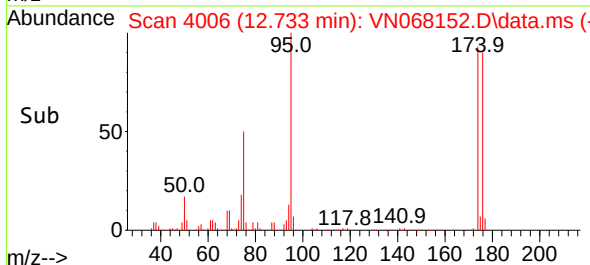
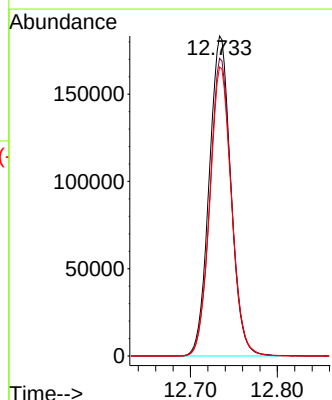
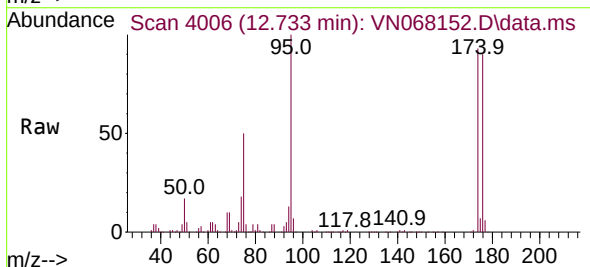
Instrument :  
MSVOA\_N  
ClientSampled :  
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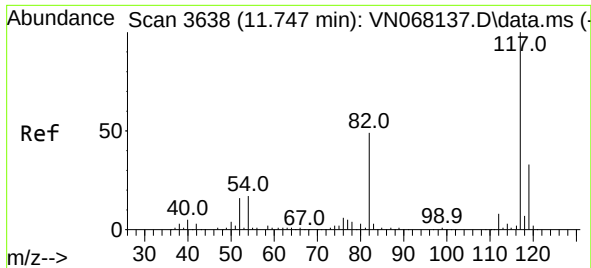
Tgt Ion: 43 Resp: 1702  
Ion Ratio Lower Upper  
43 100  
58 20.3 24.7 74.1#



#62  
4-Bromofluorobenzene  
Concen: 56.791 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.001 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 95 Resp: 316471  
Ion Ratio Lower Upper  
95 100  
174 92.8 0.0 122.0  
176 90.1 0.0 117.6

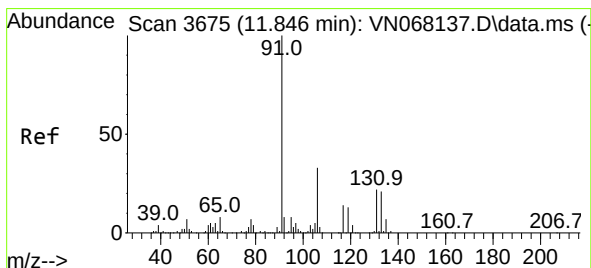
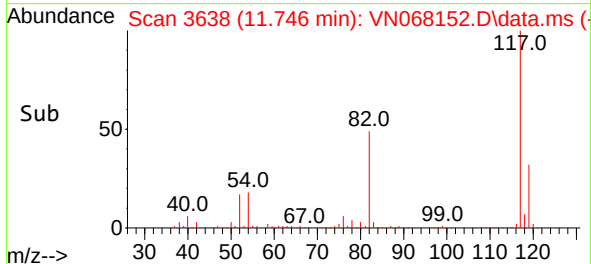
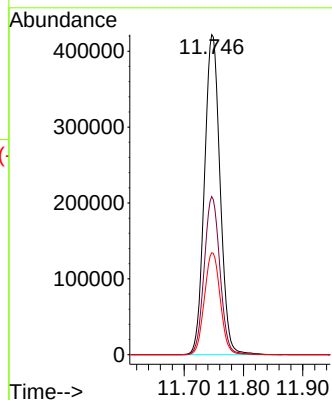
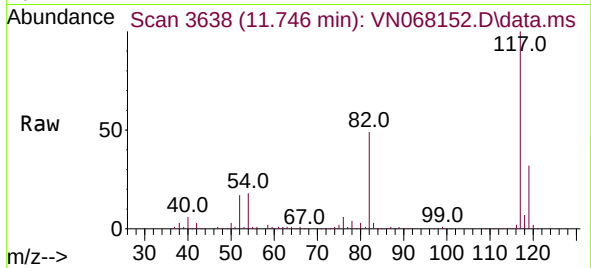




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.001 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

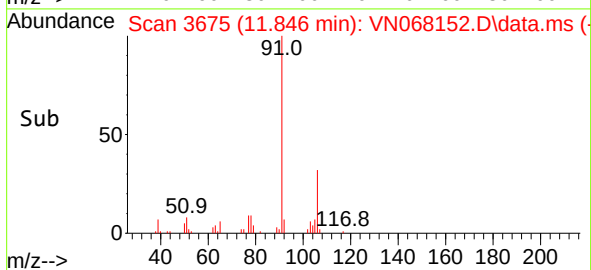
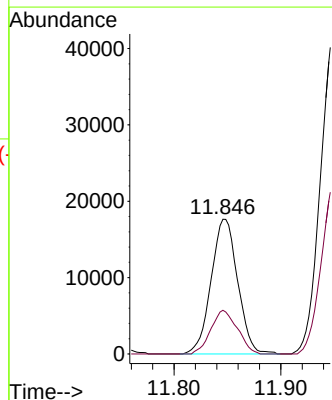
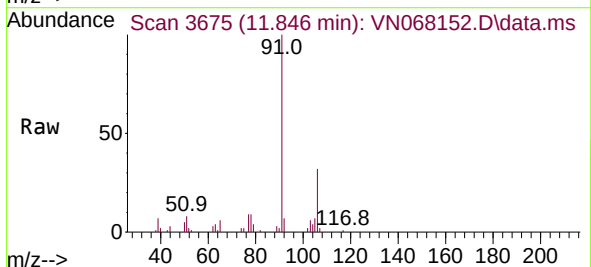
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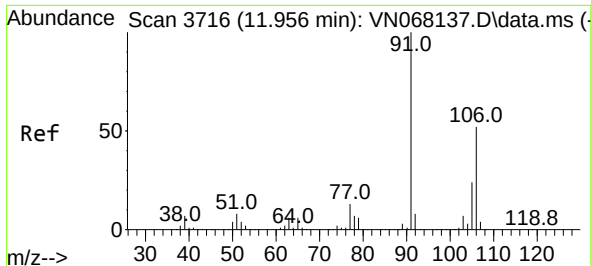
Tgt Ion:117 Resp: 769397  
Ion Ratio Lower Upper  
117 100  
82 49.4 53.1 79.7#  
119 31.9 25.5 38.3



#67  
Ethyl Benzene  
Concen: 1.174 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 91 Resp: 30519  
Ion Ratio Lower Upper  
91 100  
106 32.5 23.4 35.0

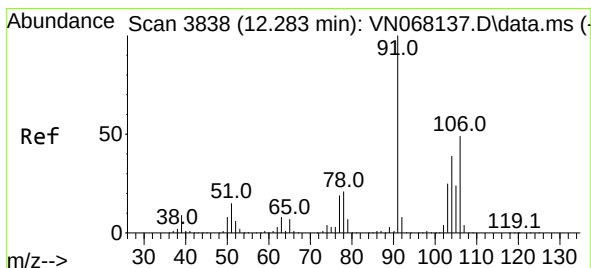
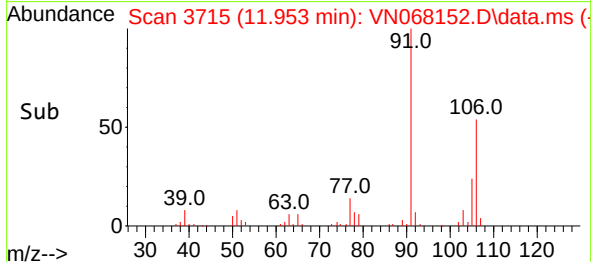
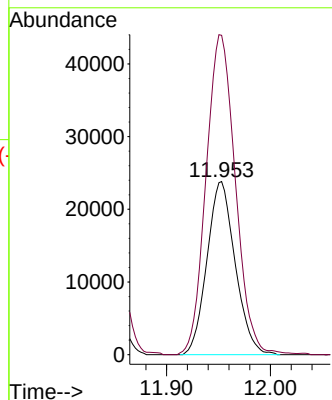
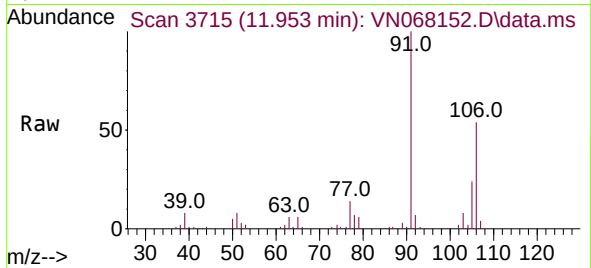




#68  
m/p-Xylenes  
Concen: 4.324 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. -0.003 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

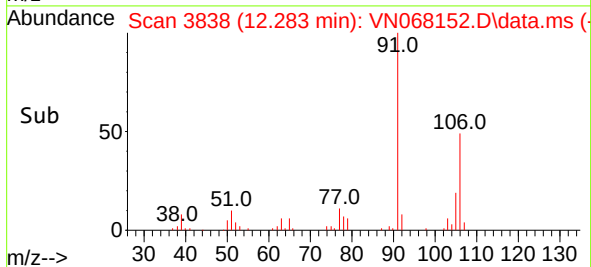
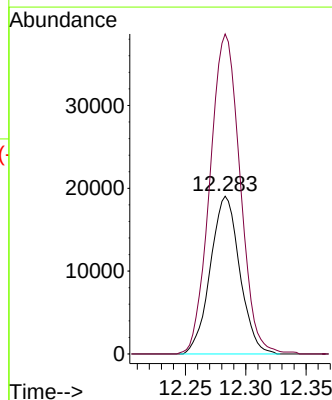
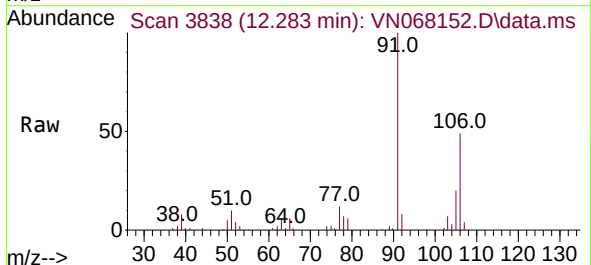
Instrument :  
MSVOA\_N  
ClientSampled :  
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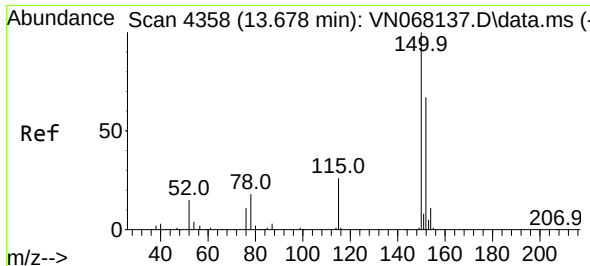
Tgt Ion:106 Resp: 44943  
Ion Ratio Lower Upper  
106 100  
91 192.4 180.6 270.8



#69  
o-Xylene  
Concen: 3.208 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion:106 Resp: 32221  
Ion Ratio Lower Upper  
106 100  
91 208.7 118.3 354.9

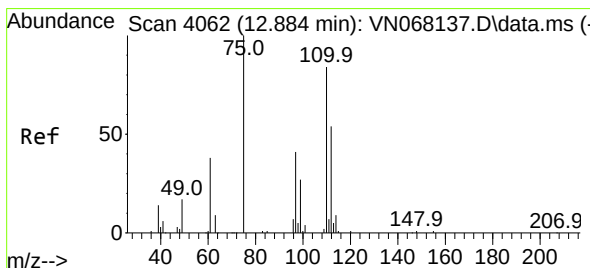
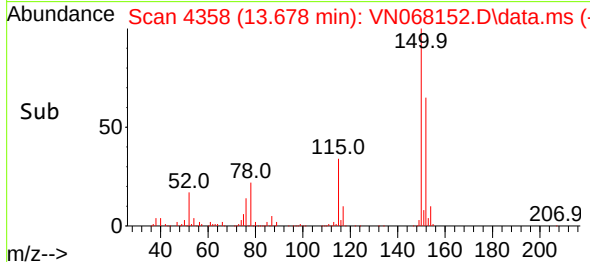
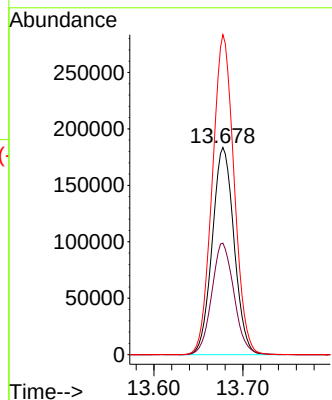
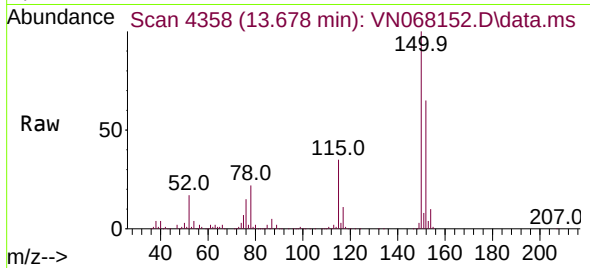




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. -0.001 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

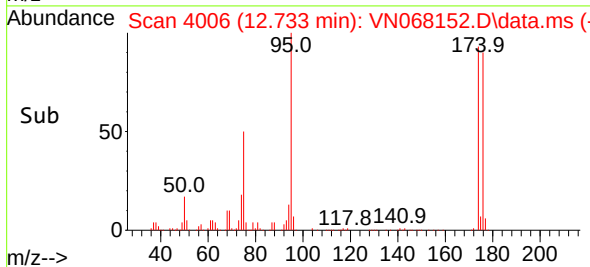
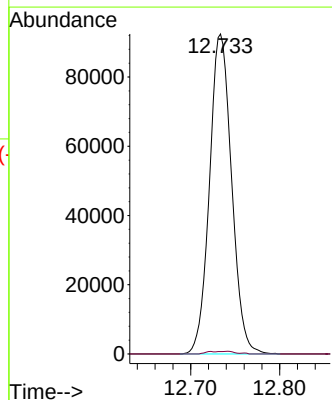
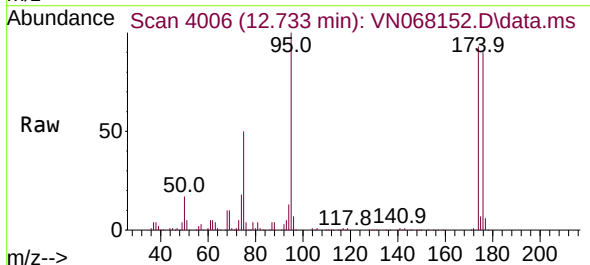
Instrument :  
MSVOA\_N  
ClientSampled :  
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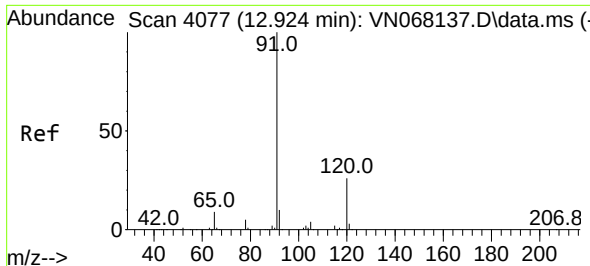
Tgt Ion:152 Resp: 312875  
Ion Ratio Lower Upper  
152 100  
115 55.1 36.1 108.5  
150 154.3 0.0 351.8



#76  
1,2,3-Trichloropropane  
Concen: 30.678 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.151 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

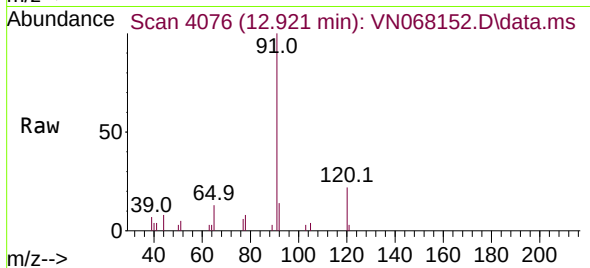
Tgt Ion: 75 Resp: 159536  
Ion Ratio Lower Upper  
75 100  
77 0.4 0.0 0.0#



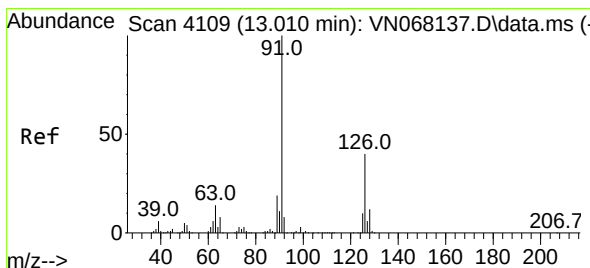
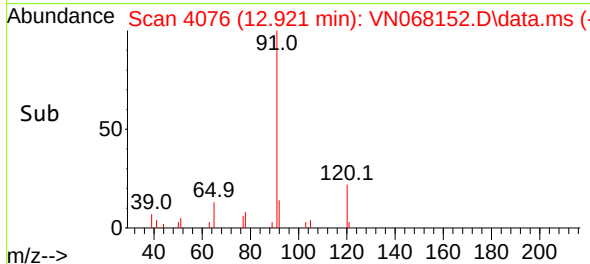
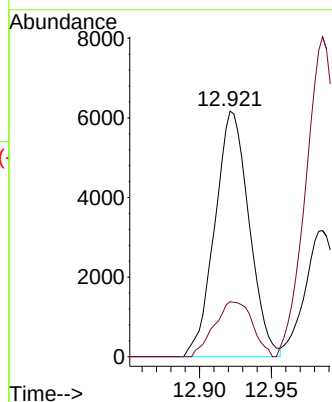


#78  
n-propylbenzene  
Concen: 0.428 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. -0.003 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Instrument :  
MSVOA\_N  
ClientSampled :  
41943

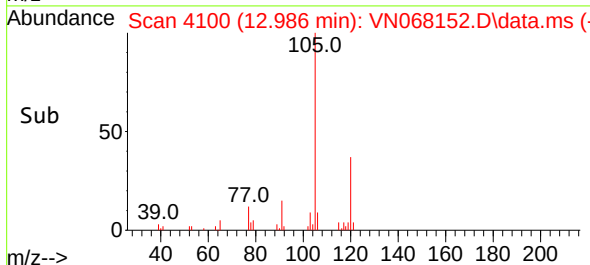
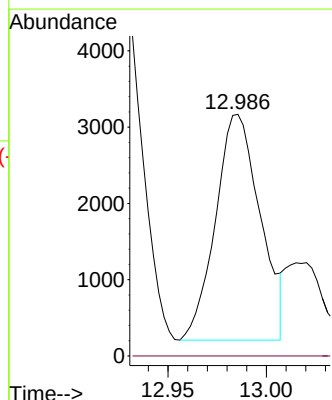
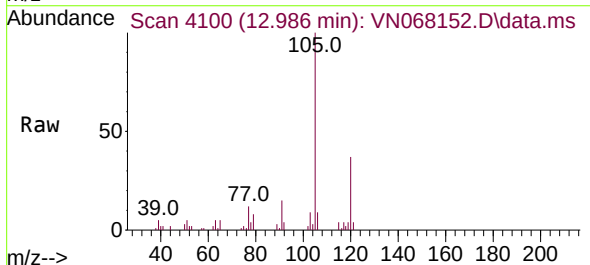


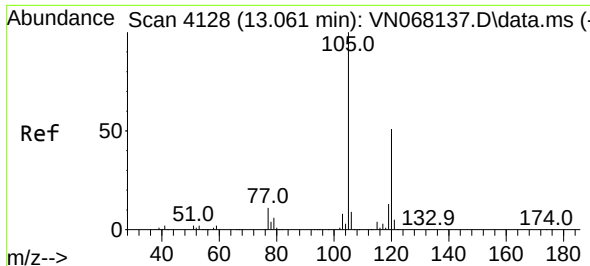
Tgt Ion: 91 Resp: 10224  
Ion Ratio Lower Upper  
91 100  
120 24.9 10.4 31.4



#79  
2-Chlorotoluene  
Concen: 0.317 ug/l  
RT: 12.986 min Scan# 4100  
Delta R.T. -0.024 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 91 Resp: 4681  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.5 43.5#

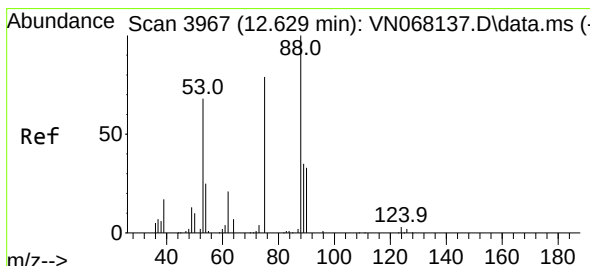
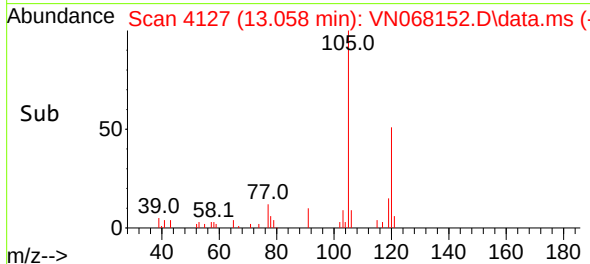
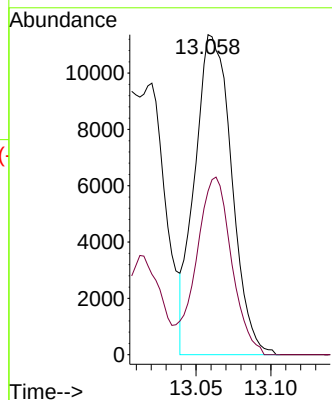
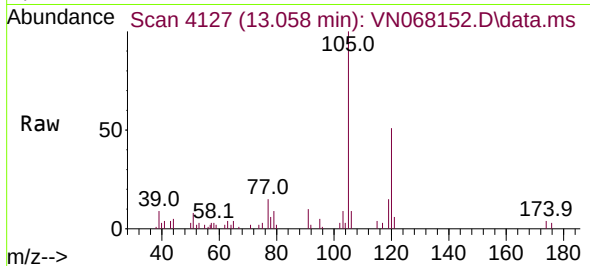




#80  
1,3,5-Trimethylbenzene  
Concen: 1.080 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. -0.003 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

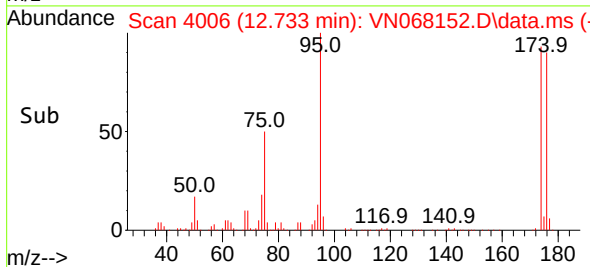
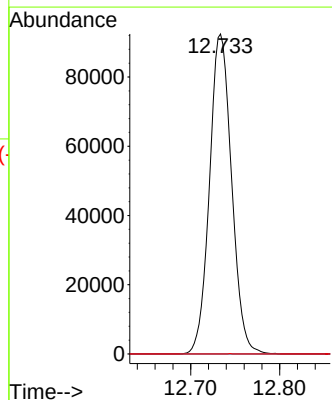
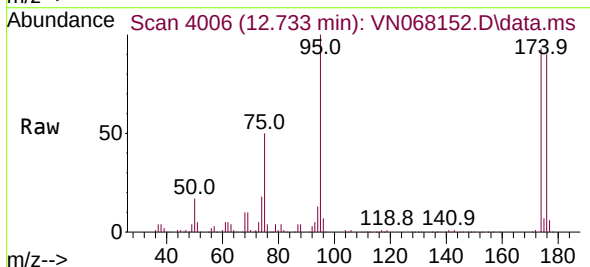
Instrument :  
MSVOA\_N  
ClientSampled :  
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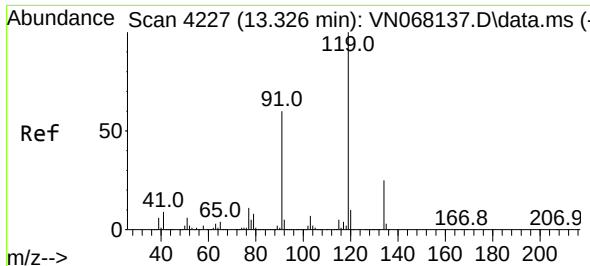
Tgt Ion:105 Resp: 19445  
Ion Ratio Lower Upper  
105 100  
120 52.9 22.2 66.6



#81  
trans-1,4-Dichloro-2-butene  
Concen: 100.507 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.104 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 75 Resp: 159536  
Ion Ratio Lower Upper  
75 100  
53 0.0 87.6 131.4#  
89 0.0 37.8 56.8#

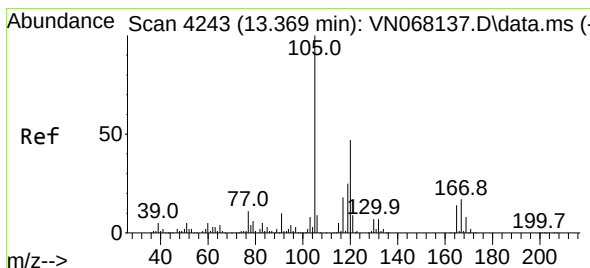
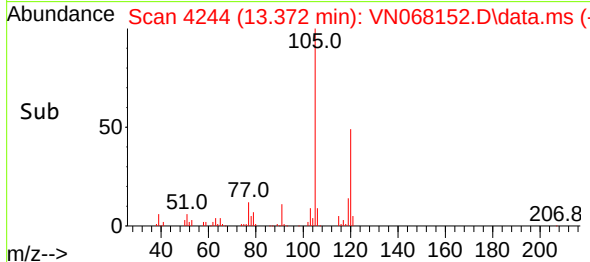
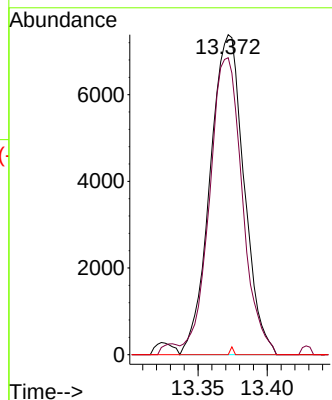
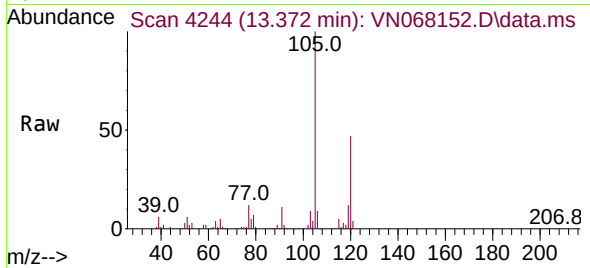




#83  
 tert-Butylbenzene  
 Concen: 0.788 ug/l  
 RT: 13.372 min Scan# 4244  
 Delta R.T. 0.046 min  
 Lab File: VN068152.D  
 Acq: 17 Aug 2021 18:56

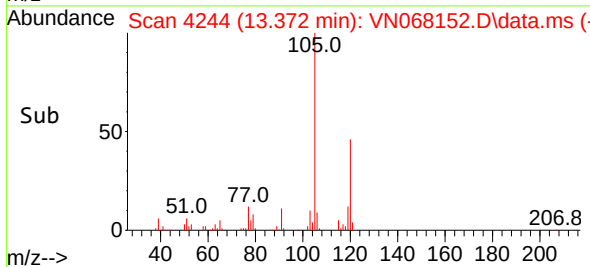
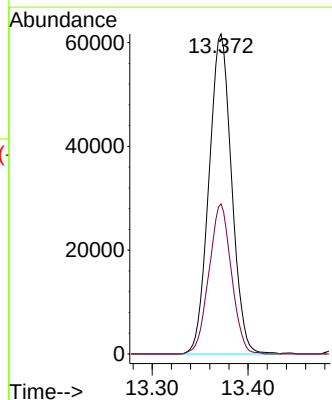
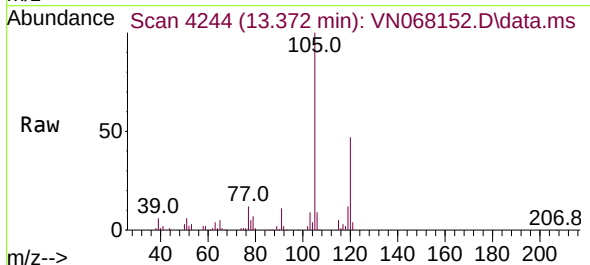
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 41943

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 12597 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 89.5  | 39.5  | 118.5 |
| 134       | 0.0   | 12.0  | 36.0# |

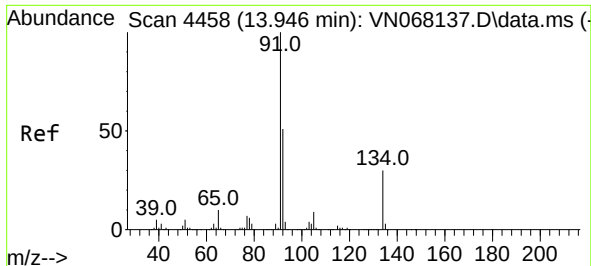


#84  
 1,2,4-Trimethylbenzene  
 Concen: 5.767 ug/l  
 RT: 13.372 min Scan# 4244  
 Delta R.T. 0.003 min  
 Lab File: VN068152.D  
 Acq: 17 Aug 2021 18:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 101336 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 46.4  | 20.6  | 61.8   |



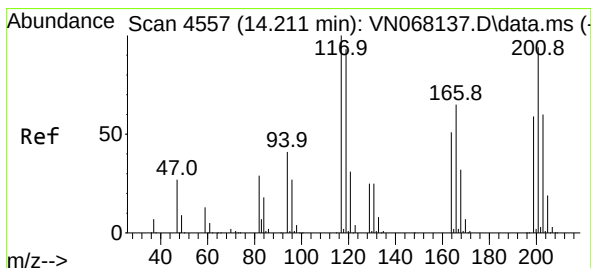
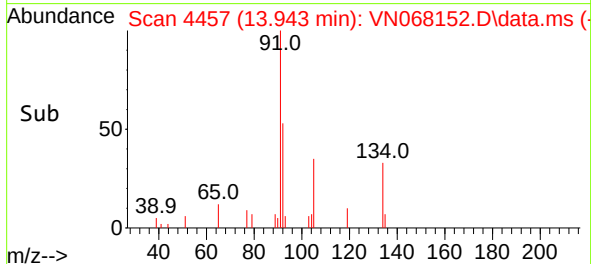
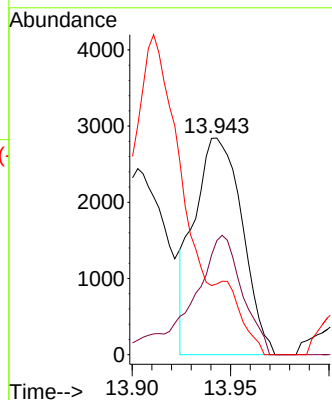
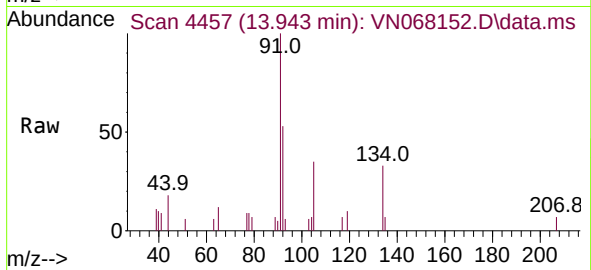




#89  
n-Butylbenzene  
Concen: 0.371 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. -0.003 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

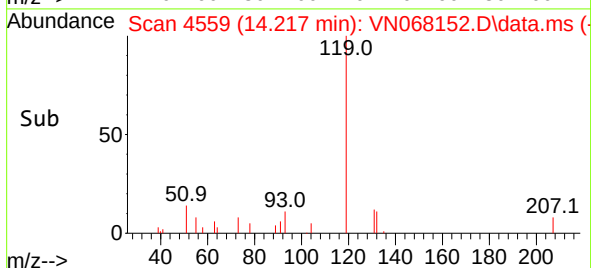
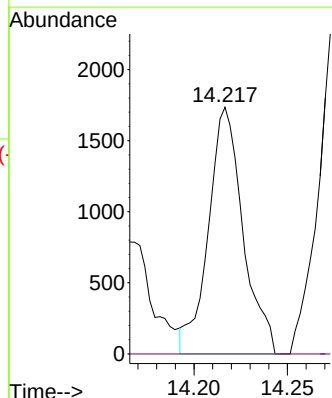
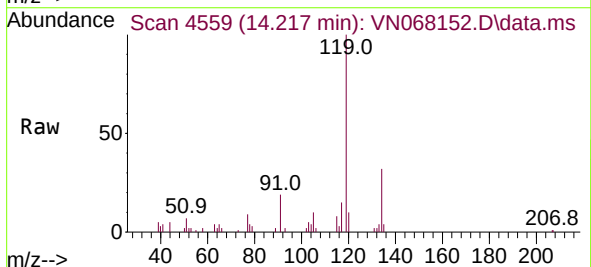
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ClientSampleId :  
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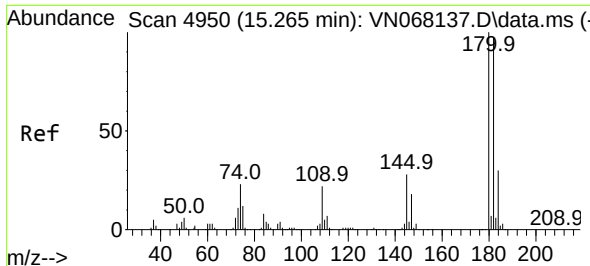
Tgt Ion: 91 Resp: 4809  
Ion Ratio Lower Upper  
91 100  
92 57.7 25.7 77.1  
134 0.0 11.2 33.6#



#90  
Hexachloroethane  
Concen: 0.692 ug/l  
RT: 14.217 min Scan# 4559  
Delta R.T. 0.006 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

Tgt Ion: 117 Resp: 2231  
Ion Ratio Lower Upper  
117 100  
201 0.0 33.5 100.5#

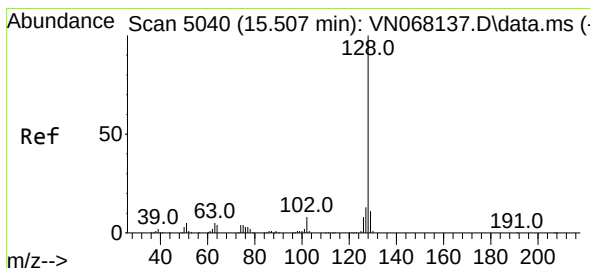
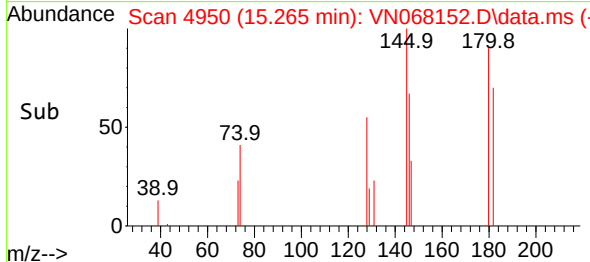
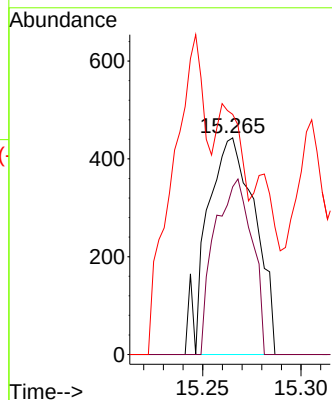
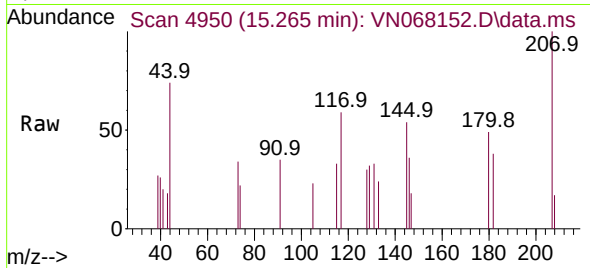




#93  
1,2,4-Trichlorobenzene  
Concen: 2.821 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

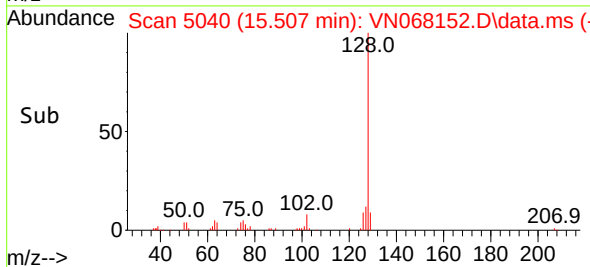
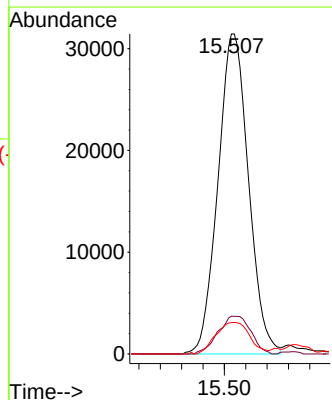
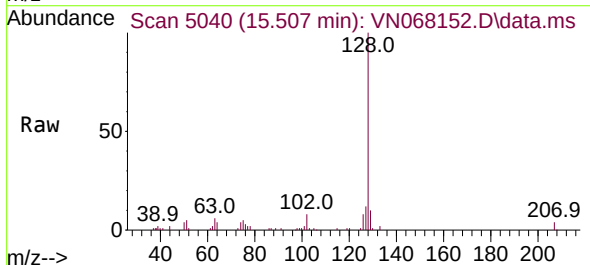
Instrument :  
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ClientSampled :  
41943

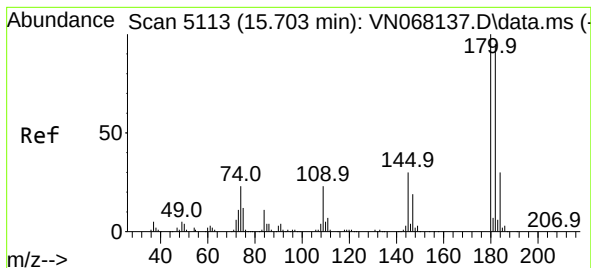
Tgt Ion:180 Resp: 749  
Ion Ratio Lower Upper  
180 100  
182 63.3 47.5 142.5  
145 0.0 17.2 51.6#



#95  
Naphthalene  
Concen: 8.091 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN068152.D  
Acq: 17 Aug 2021 18:56

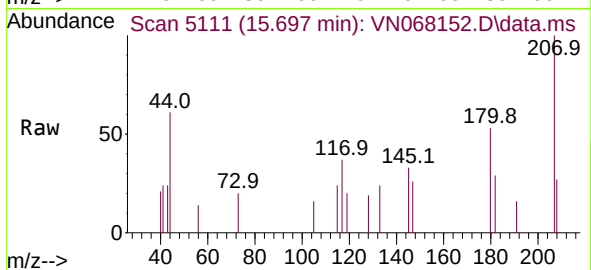
Tgt Ion:128 Resp: 62476  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.6 15.8  
129 10.9 8.6 12.8





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.969 ug/l  
 RT: 15.697 min Scan# 5111  
 Delta R.T. -0.006 min  
 Lab File: VN068152.D  
 Acq: 17 Aug 2021 18:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 41943



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 724    |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 42.5  | 47.8  | 143.3# |
| 145      | 0.0   | 18.2  | 54.6#  |

