

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091124\  
 Data File : VN083815.D  
 Acq On : 11 Sep 2024 23:09  
 Operator : JC\MD  
 Sample : P3913-09  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 12 02:18:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|-----------|--------|-----------|
| -----                         |        |       |          |           |        |           |
| Internal Standards            |        |       |          |           |        |           |
| 1) Pentafluorobenzene         | 8.224  | 168   | 128894   | 50.000    | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene       | 9.100  | 114   | 271188   | 50.000    | ug/l   | 0.00      |
| 63) Chlorobenzene-d5          | 11.865 | 117   | 303232   | 50.000    | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4    | 13.788 | 152   | 171715   | 50.000    | ug/l   | 0.00      |
| System Monitoring Compounds   |        |       |          |           |        |           |
| 33) 1,2-Dichloroethane-d4     | 8.576  | 65    | 107614   | 55.370    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 110.740%  |
| 35) Dibromofluoromethane      | 8.165  | 113   | 84713    | 48.795    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 97.580%   |
| 50) Toluene-d8                | 10.565 | 98    | 309671   | 51.596    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 103.200%  |
| 62) 4-Bromofluorobenzene      | 12.847 | 95    | 157223   | 63.493    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery  | =      | 126.980%# |
| Target Compounds              |        |       |          |           |        |           |
|                               |        |       |          |           | Qvalue |           |
| 3) Chloromethane              | 2.359  | 50    | 625      | Below Cal | #      | 41        |
| 5) Bromomethane               | 2.912  | 94    | 221      | 0.235     | ug/l # | 2         |
| 6) Chloroethane               | 3.183  | 64    | 5395     | 4.688     | ug/l # | 45        |
| 11) Tert butyl alcohol        | 5.536  | 59    | 7083     | 27.215    | ug/l # | 74        |
| 13) Acrolein                  | 4.200  | 56    | 875      | 3.407     | ug/l # | 13        |
| 16) Acetone                   | 4.430  | 43    | 197015   | 252.869   | ug/l   | 100       |
| 17) Carbon Disulfide          | 4.683  | 76    | 4021     | 1.031     | ug/l # | 75        |
| 18) Methyl Acetate            | 5.036  | 43    | 4293     | 0.819     | ug/l   | 94        |
| 23) Vinyl Acetate             | 6.747  | 43    | 7814     | 2.087     | ug/l # | 71        |
| 25) 2-Butanone                | 7.482  | 43    | 157320   | 153.629   | ug/l   | 99        |
| 28) Bromochloromethane        | 7.794  | 49    | 297      | 0.239     | ug/l # | 14        |
| 29) Tetrahydrofuran           | 7.794  | 42    | 5270     | 8.704     | ug/l # | 61        |
| 31) Cyclohexane               | 8.229  | 56    | 6353     | 2.262     | ug/l # | 53        |
| 36) 1,1-Dichloropropene       | 8.218  | 75    | 12056    | 4.614     | ug/l # | 52        |
| 37) Ethyl Acetate             | 7.482  | 43    | 157320   | 66.326    | ug/l # | 68        |
| 38) Carbon Tetrachloride      | 8.218  | 117   | 14486    | 4.886     | ug/l # | 18        |
| 39) Methylcyclohexane         | 9.606  | 83    | 3249     | 1.092     | ug/l # | 70        |
| 40) Benzene                   | 8.606  | 78    | 8808     | 1.120     | ug/l   | 94        |
| 41) Methacrylonitrile         | 7.788  | 41    | 25033    | 17.844    | ug/l # | 48        |
| 43) Isopropyl Acetate         | 8.671  | 43    | 27850    | 6.479     | ug/l # | 59        |
| 48) Methyl methacrylate       | 9.653  | 41    | 26544    | 13.017    | ug/l # | 47        |
| 49) 1,4-Dioxane               | 9.700  | 88    | 735      | 21.910    | ug/l # | 14        |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43    | 1832     | 0.783     | ug/l # | 36        |
| 52) Toluene                   | 10.629 | 92    | 15885    | 3.302     | ug/l   | 96        |
| 59) 2-Hexanone                | 11.188 | 43    | 2163     | 1.250     | ug/l   | 68        |
| 67) Ethyl Benzene             | 11.964 | 91    | 10769    | 0.899     | ug/l   | 100       |
| 68) m/p-Xylenes               | 12.065 | 106   | 18130    | 4.079     | ug/l   | 99        |
| 69) o-Xylene                  | 12.394 | 106   | 6718     | 1.561     | ug/l   | 93        |
| 70) Styrene                   | 12.412 | 104   | 9001     | 1.275     | ug/l   | 92        |
| 74) N-amyl acetate            | 12.459 | 43    | 7968     | 1.406     | ug/l # | 43        |
| 75) 1,1,2,2-Tetrachloroethane | 12.906 | 83    | 790      | 0.202     | ug/l # | 91        |
| 76) 1,2,3-Trichloropropane    | 12.847 | 75    | 92379    | 26.662    | ug/l # | 1         |
| 78) n-propylbenzene           | 13.035 | 91    | 7051     | 0.456     | ug/l # | 62        |
| 79) 2-Chlorotoluene           | 13.111 | 91    | 2062     | 0.209     | ug/l # | 55        |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105   | 4769     | 0.426     | ug/l   | 92        |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75    | 92379    | 69.829    | ug/l # | 9         |

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Sample : P3913-09  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 12 02:18:12 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration

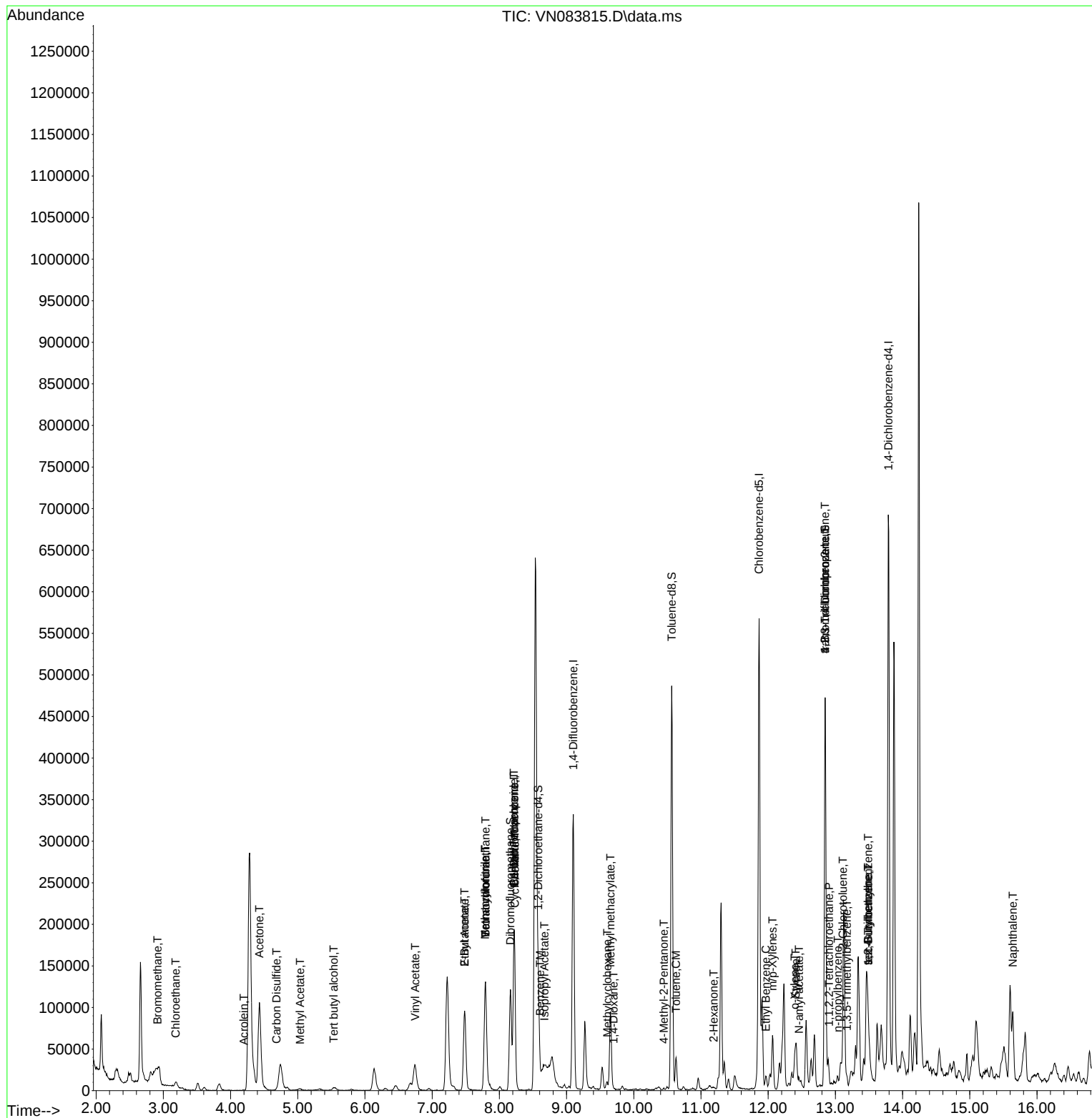
| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| 83) tert-Butylbenzene      | 13.488 | 119  | 2061     | 0.210 | ug/l # | 70       |
| 84) 1,2,4-Trimethylbenzene | 13.488 | 105  | 22847    | 2.031 | ug/l   | 72       |
| 85) sec-Butylbenzene       | 13.488 | 105  | 22847    | 1.758 | ug/l # | 57       |
| 95) Naphthalene            | 15.641 | 128  | 64170    | 6.748 | ug/l # | 94       |

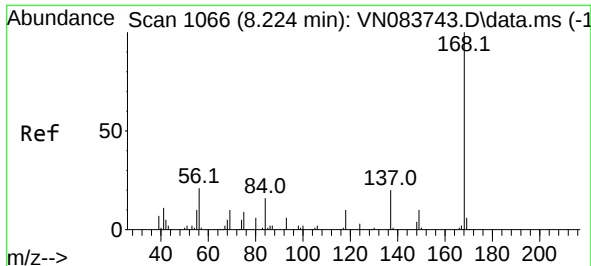
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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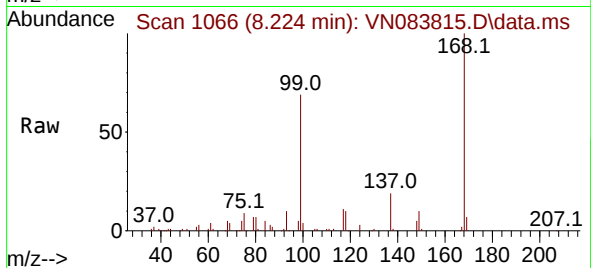
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration



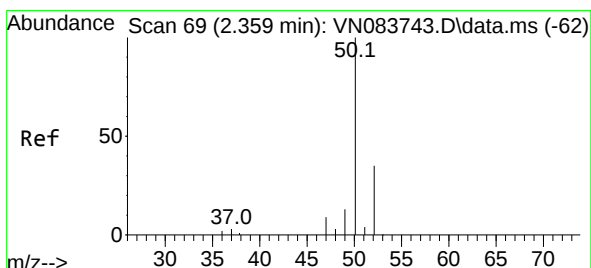
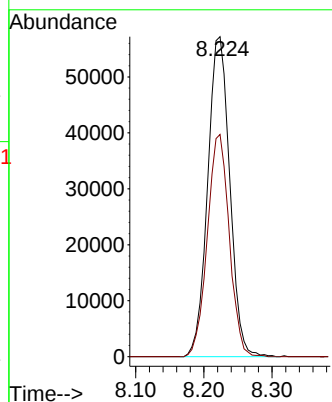
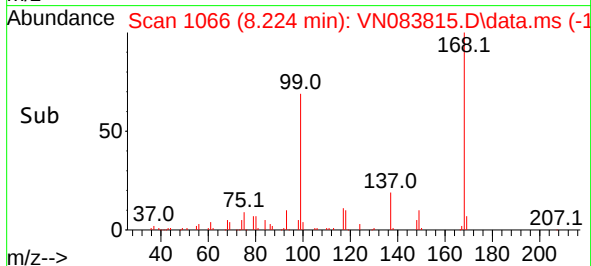


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :

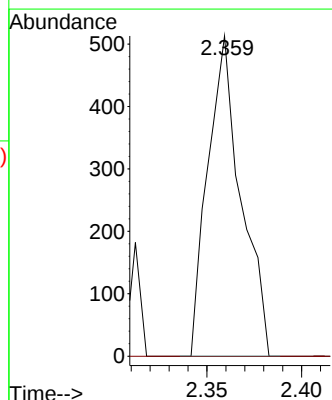
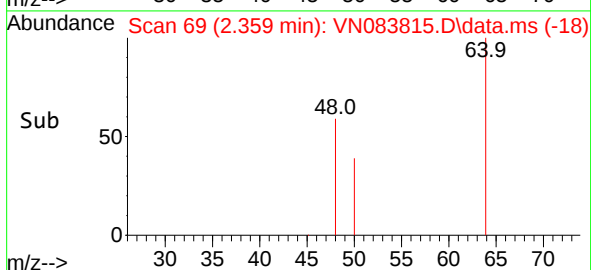
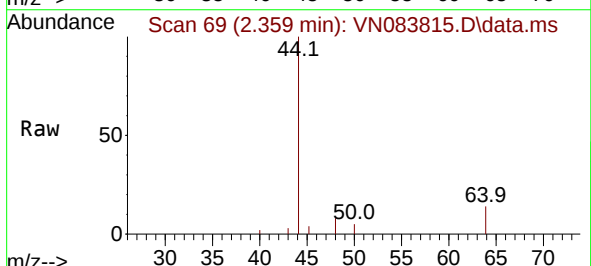


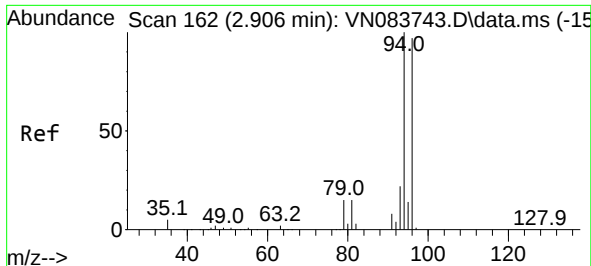
Tgt Ion:168 Resp: 128894  
Ion Ratio Lower Upper  
168 100  
99 69.5 54.2 81.2



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Tgt Ion: 50 Resp: 625  
Ion Ratio Lower Upper  
50 100  
52 0.0 27.2 40.8#

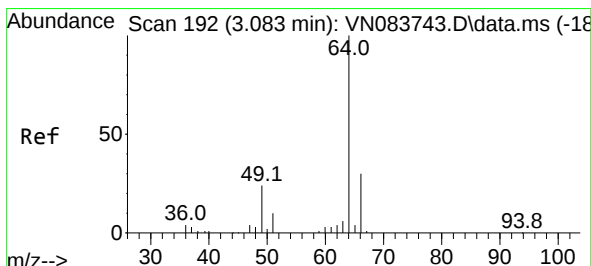
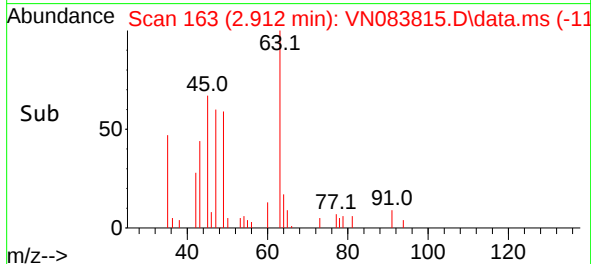
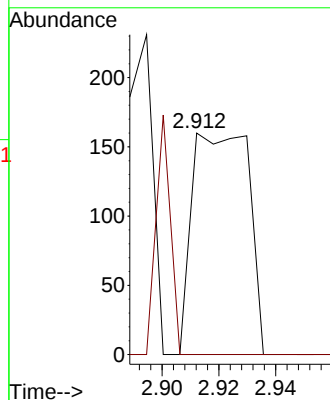
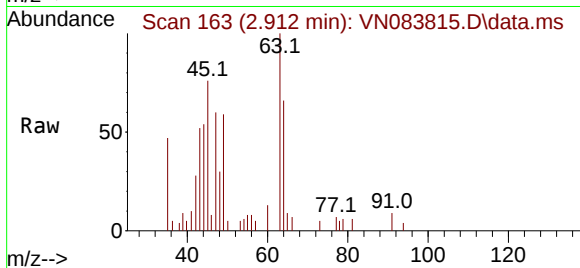




#5  
Bromomethane  
Concen: 0.235 ug/l  
RT: 2.912 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

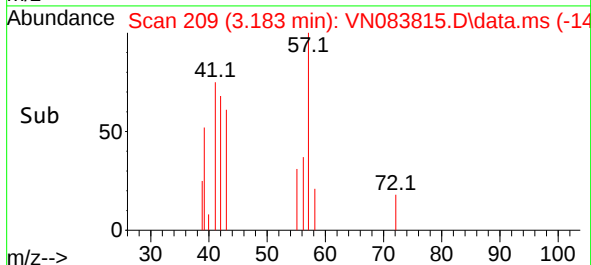
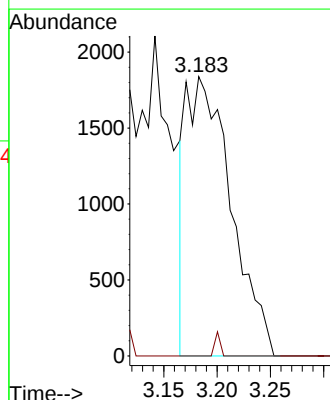
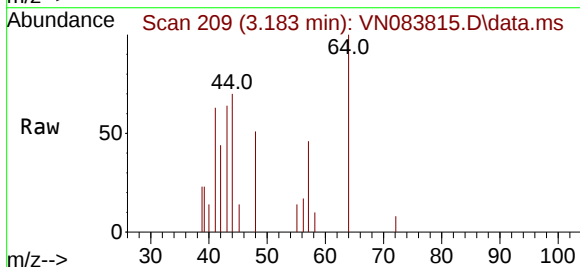
Instrument :  
MSVOA\_N  
ClientSampleId :

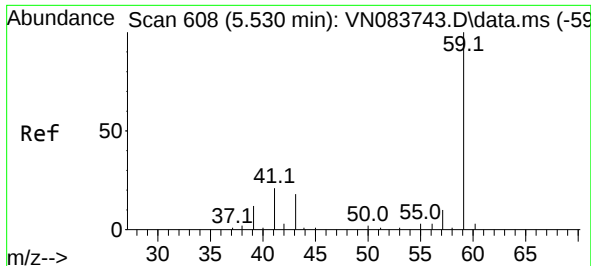
Tgt Ion: 94 Resp: 221  
Ion Ratio Lower Upper  
94 100  
96 0.0 76.0 114.0#



#6  
Chloroethane  
Concen: 4.688 ug/l  
RT: 3.183 min Scan# 209  
Delta R.T. 0.100 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Tgt Ion: 64 Resp: 5395  
Ion Ratio Lower Upper  
64 100  
66 0.0 23.9 35.9#





#11

Tert butyl alcohol

Concen: 27.215 ug/l

RT: 5.536 min Scan# 608

Delta R.T. 0.006 min

Lab File: VN083815.D

Acq: 11 Sep 2024 23:09

Instrument :

MSVOA\_N

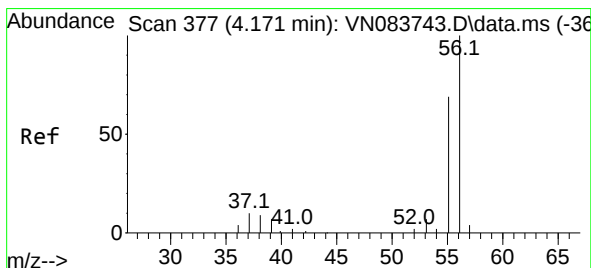
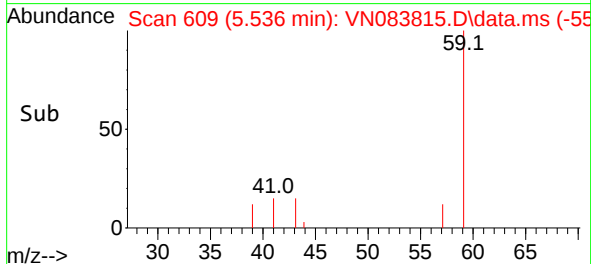
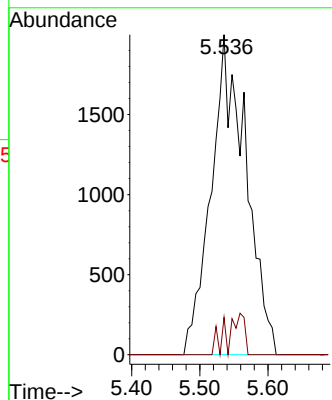
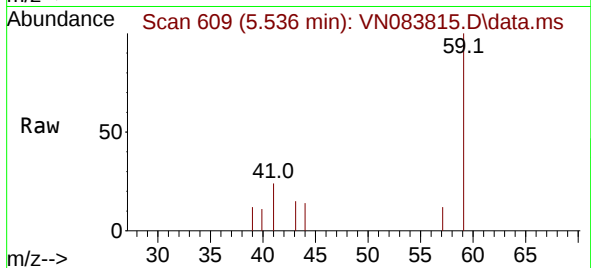
ClientSampleId :

Tgt Ion: 59 Resp: 7083

Ion Ratio Lower Upper

59 100

57 1.2 8.7 13.1#



#13

Acrolein

Concen: 3.407 ug/l

RT: 4.200 min Scan# 382

Delta R.T. 0.029 min

Lab File: VN083815.D

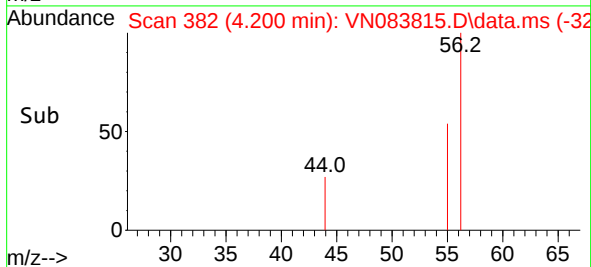
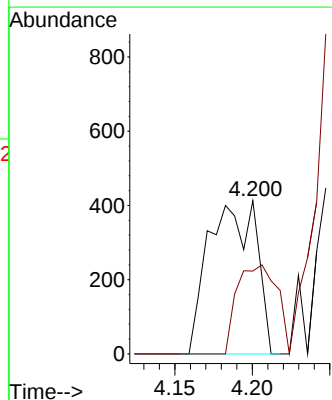
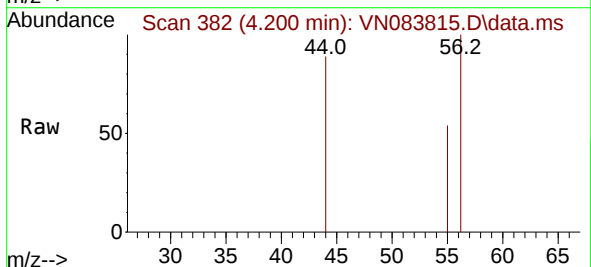
Acq: 11 Sep 2024 23:09

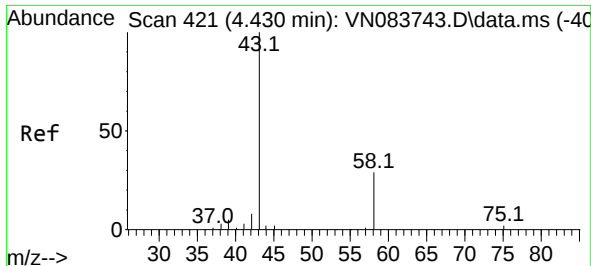
Tgt Ion: 56 Resp: 875

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.2#

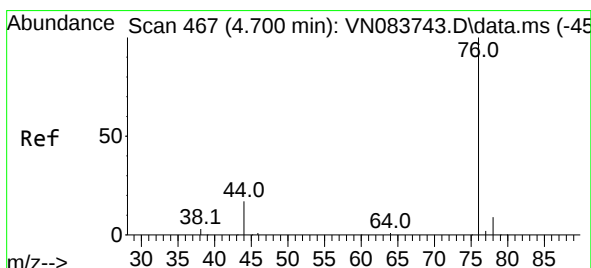
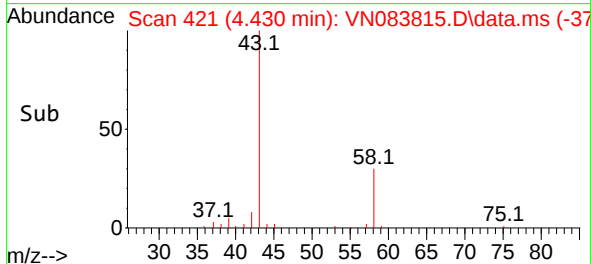
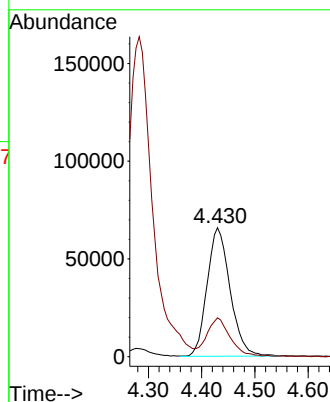
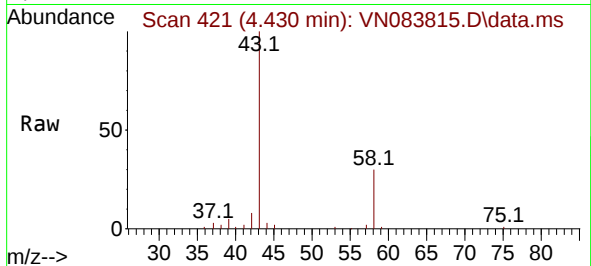




#16  
Acetone  
Concen: 252.869 ug/l  
RT: 4.430 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

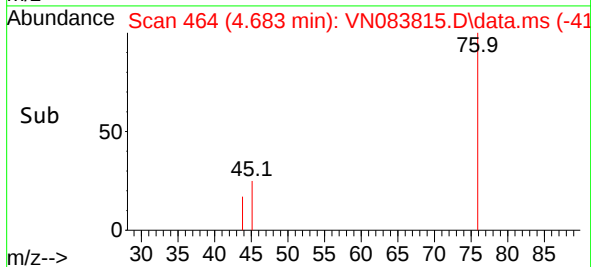
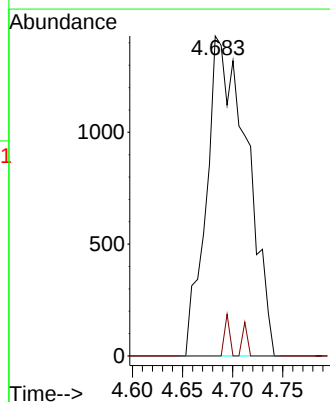
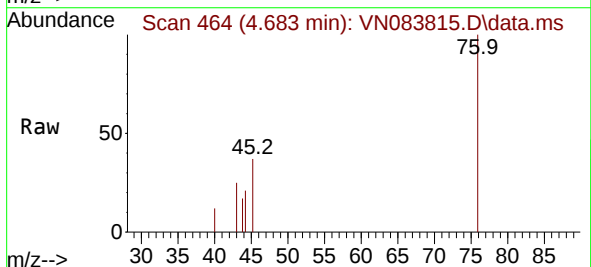
Instrument :  
MSVOA\_N  
ClientSampleId :

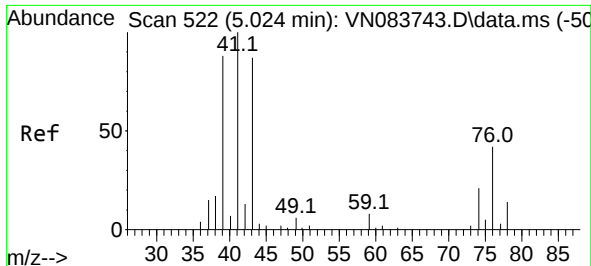
Tgt Ion: 43 Resp: 197015  
Ion Ratio Lower Upper  
43 100  
58 29.7 23.7 35.5



#17  
Carbon Disulfide  
Concen: 1.031 ug/l  
RT: 4.683 min Scan# 464  
Delta R.T. -0.018 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

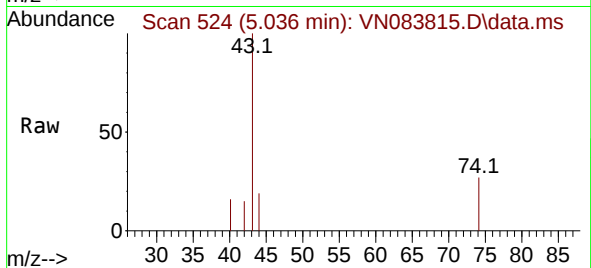
Tgt Ion: 76 Resp: 4021  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.1 10.7#



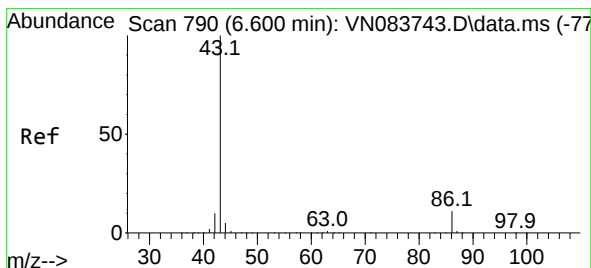
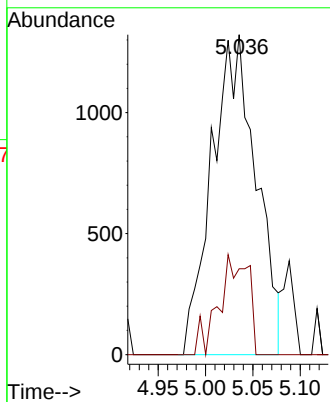
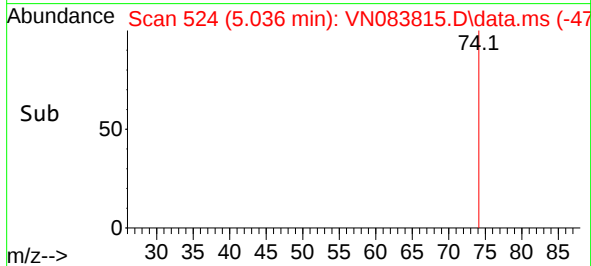


#18  
Methyl Acetate  
Concen: 0.819 ug/l  
RT: 5.036 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :

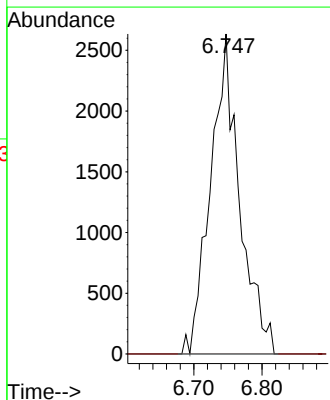
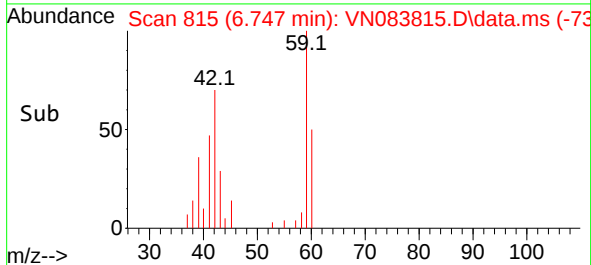
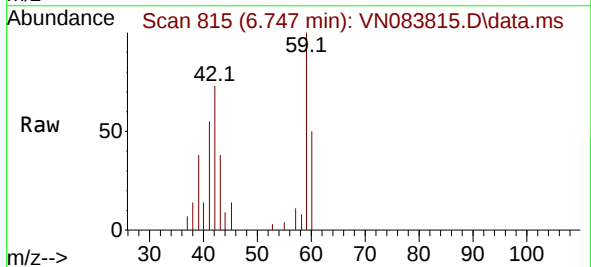


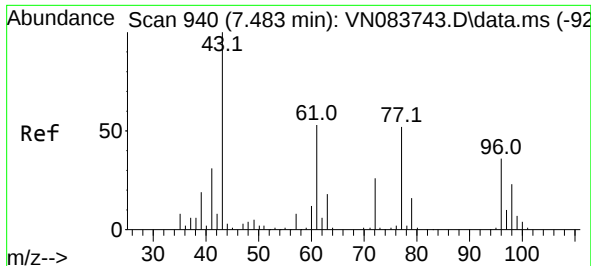
Tgt Ion: 43 Resp: 4293  
Ion Ratio Lower Upper  
43 100  
74 20.7 19.0 28.4



#23  
Vinyl Acetate  
Concen: 2.087 ug/l  
RT: 6.747 min Scan# 815  
Delta R.T. 0.147 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

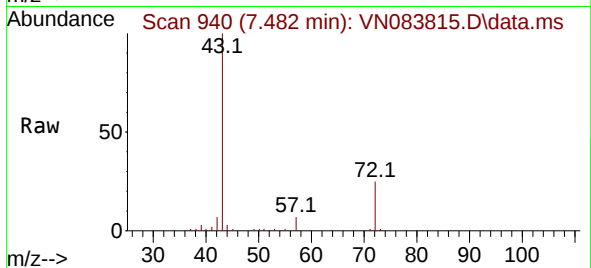
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Ion Ratio Lower Upper  
43 100  
86 0.0 8.7 13.1#



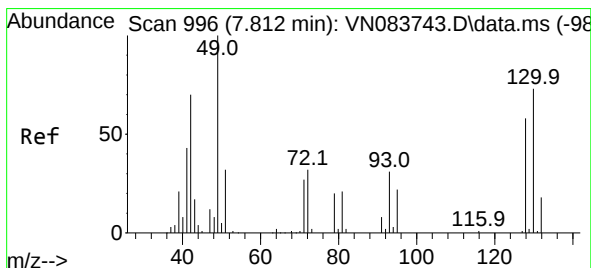
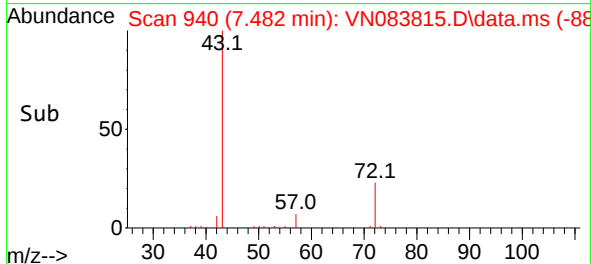
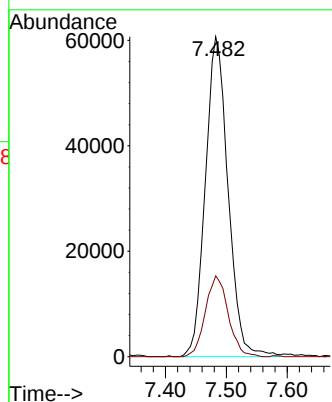


#25  
2-Butanone  
Concen: 153.629 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :

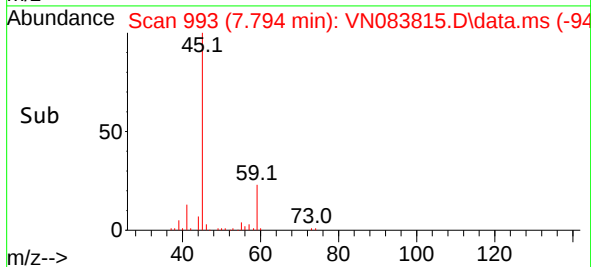
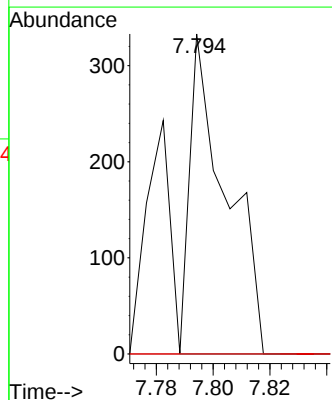
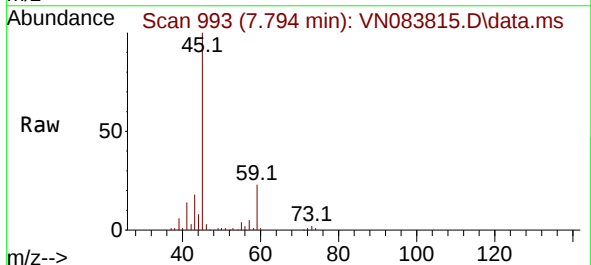


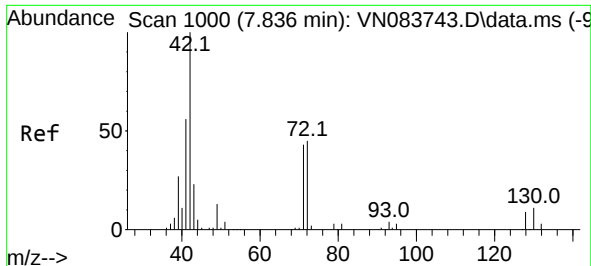
Tgt Ion: 43 Resp: 157320  
Ion Ratio Lower Upper  
43 100  
72 25.2 20.8 31.2



#28  
Bromochloromethane  
Concen: 0.239 ug/l  
RT: 7.794 min Scan# 993  
Delta R.T. -0.018 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Tgt Ion: 49 Resp: 297  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.4  
130 0.0 60.2 90.2#





#29

Tetrahydrofuran

Concen: 8.704 ug/l

RT: 7.794 min Scan# 91

Delta R.T. -0.041 min

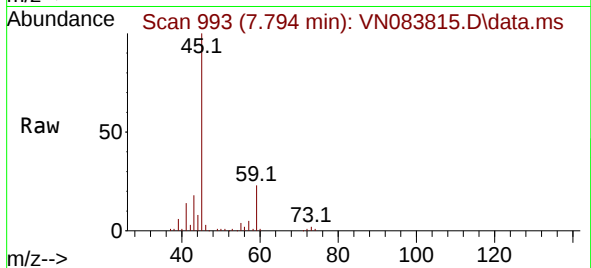
Lab File: VN083815.D

Acq: 11 Sep 2024 23:09

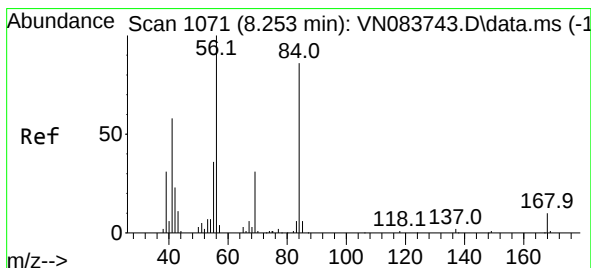
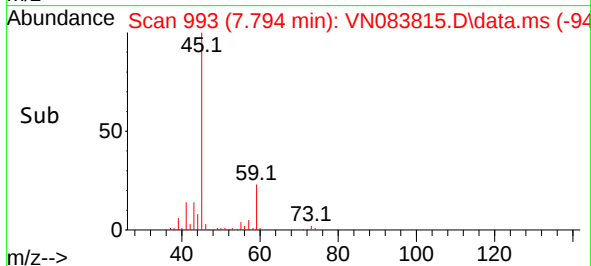
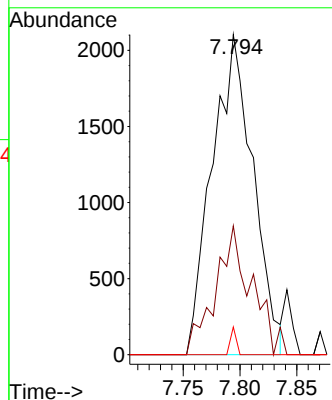
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 5270  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 35.6  | 35.9  | 53.9# |
| 71       | 1.2   | 33.9  | 50.9# |



#31

Cyclohexane

Concen: 2.262 ug/l

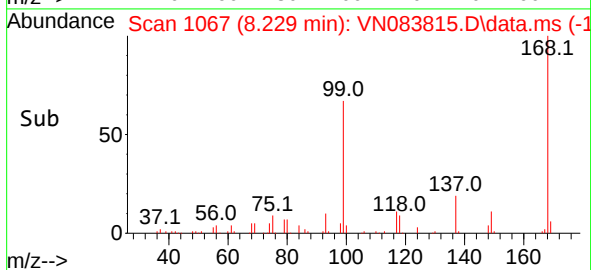
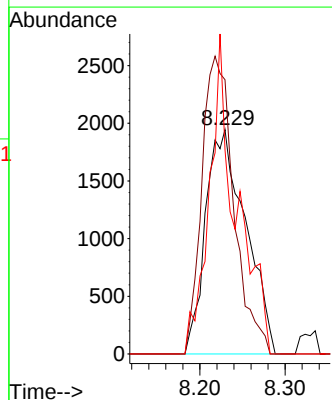
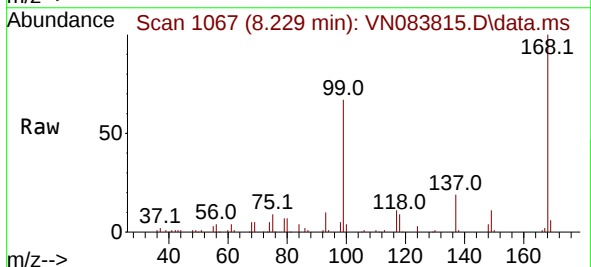
RT: 8.229 min Scan# 1067

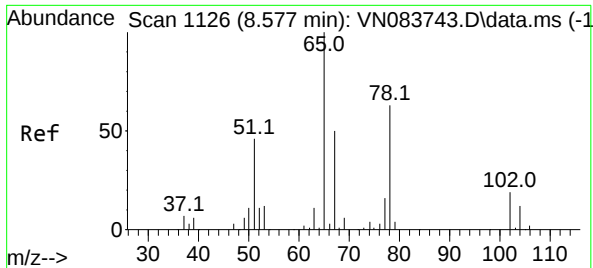
Delta R.T. -0.024 min

Lab File: VN083815.D

Acq: 11 Sep 2024 23:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 6353  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 122.3 | 26.9  | 40.3# |
| 84       | 91.1  | 69.2  | 103.8 |





#33

1,2-Dichloroethane-d4

Concen: 55.370 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083815.D

Acq: 11 Sep 2024 23:09

Instrument :

MSVOA\_N

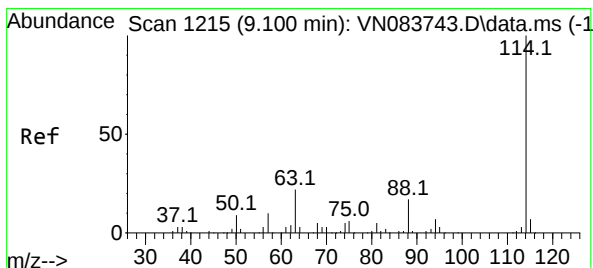
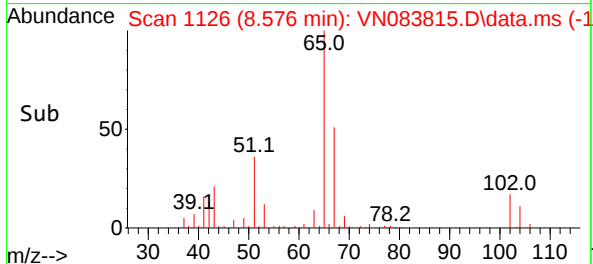
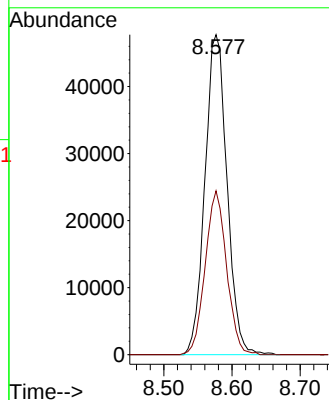
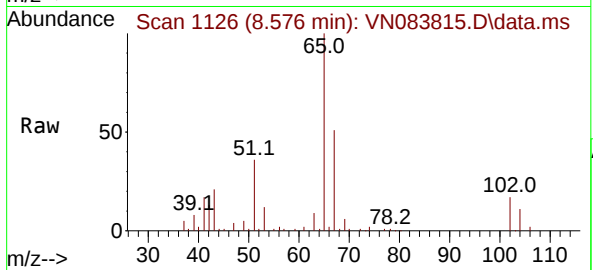
ClientSampleId :

Tgt Ion: 65 Resp: 107614

Ion Ratio Lower Upper

65 100

67 49.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083815.D

Acq: 11 Sep 2024 23:09

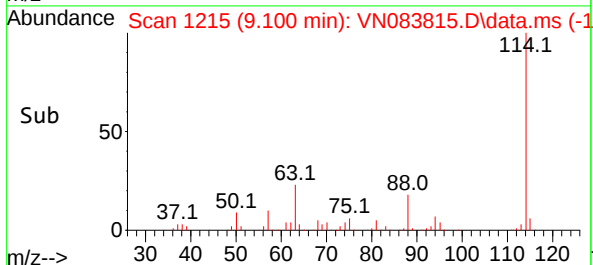
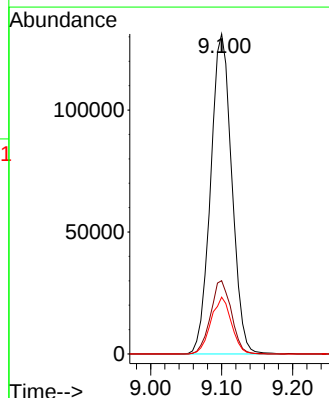
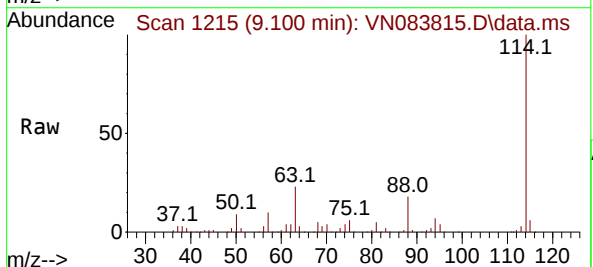
Tgt Ion: 114 Resp: 271188

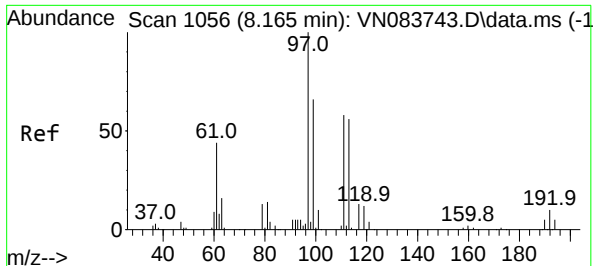
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

88 17.7 0.0 32.6

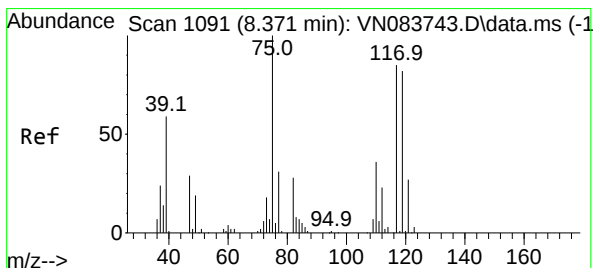
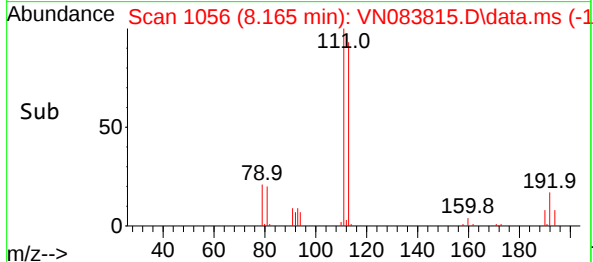
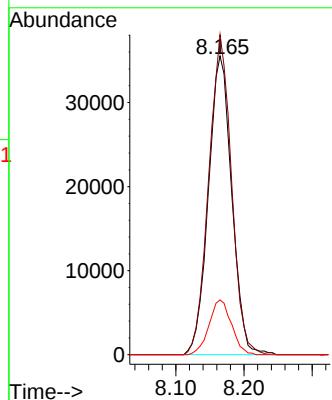
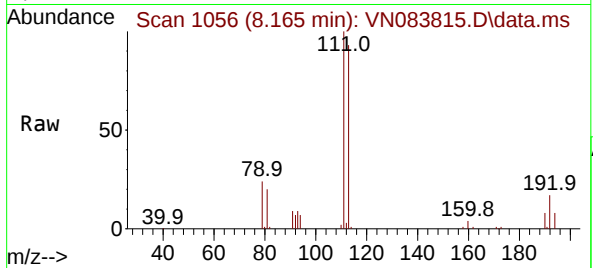




#35  
Dibromofluoromethane  
Concen: 48.795 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

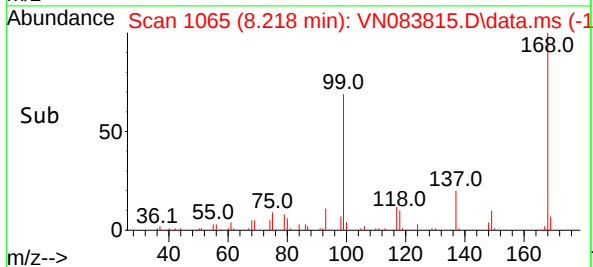
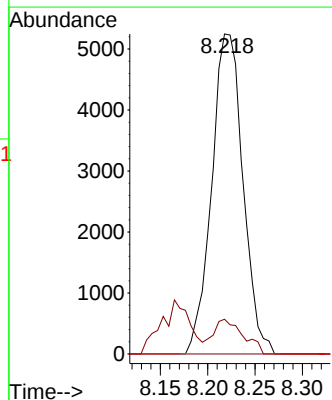
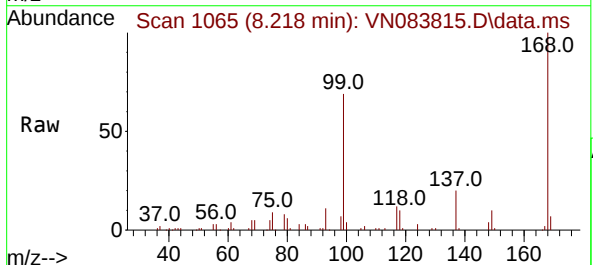
Instrument :  
MSVOA\_N  
ClientSampleId :

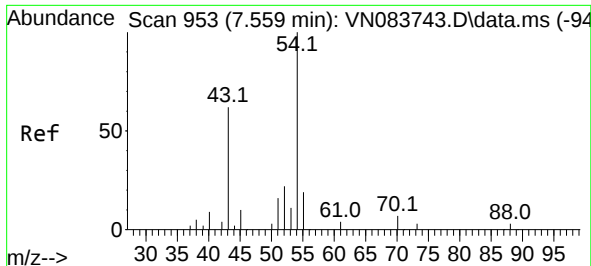
Tgt Ion:113 Resp: 84713  
Ion Ratio Lower Upper  
113 100  
111 104.4 82.6 124.0  
192 17.6 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 4.614 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.153 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

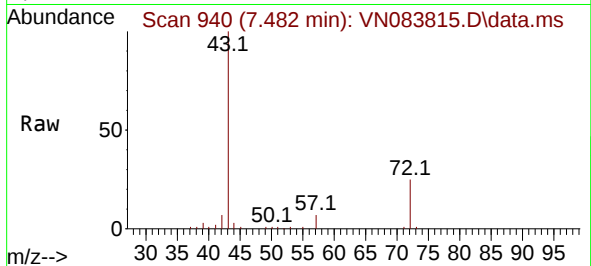
Tgt Ion: 75 Resp: 12056  
Ion Ratio Lower Upper  
75 100  
110 10.5 16.7 50.1#  
77 0.0 25.2 37.8#



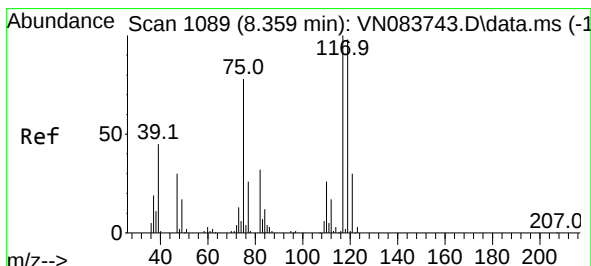
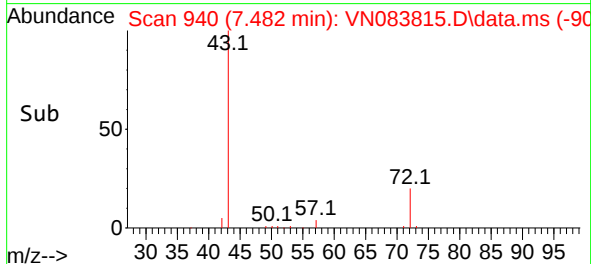
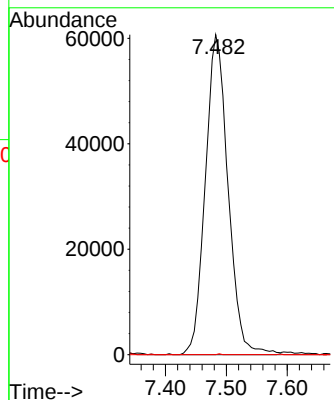


#37  
Ethyl Acetate  
Concen: 66.326 ug/l  
RT: 7.482 min Scan# 94  
Delta R.T. -0.077 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :

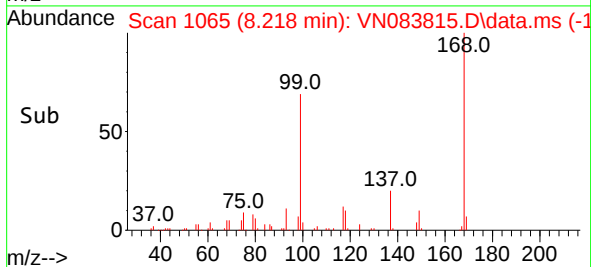
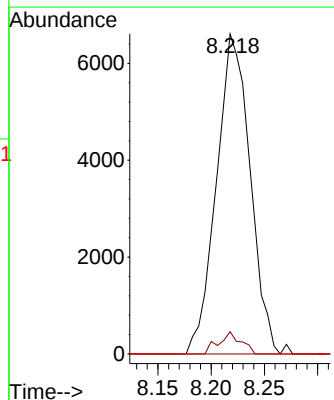
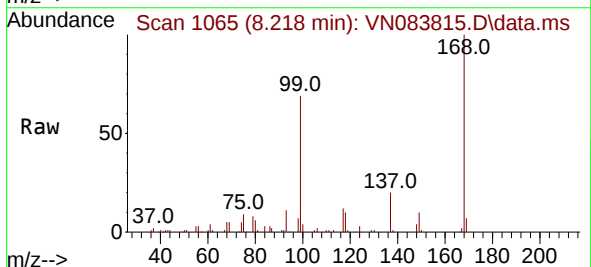


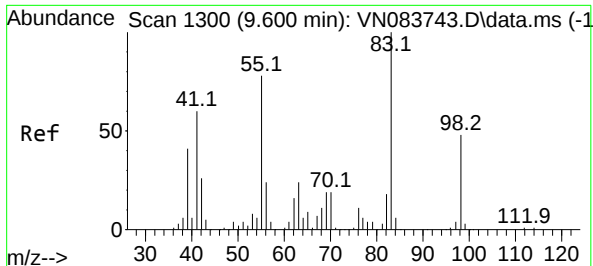
Tgt Ion: 43 Resp: 157320  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.1 16.7#  
70 0.0 8.8 13.2#



#38  
Carbon Tetrachloride  
Concen: 4.886 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.141 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Tgt Ion: 117 Resp: 14486  
Ion Ratio Lower Upper  
117 100  
119 6.9 76.1 114.1#  
121 0.0 24.1 36.1#

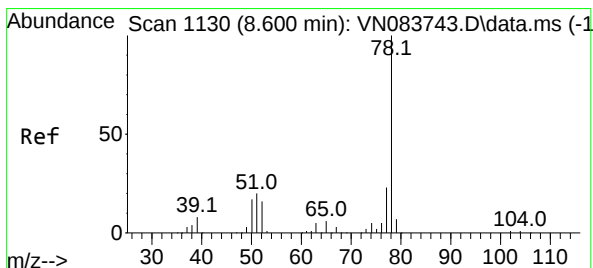
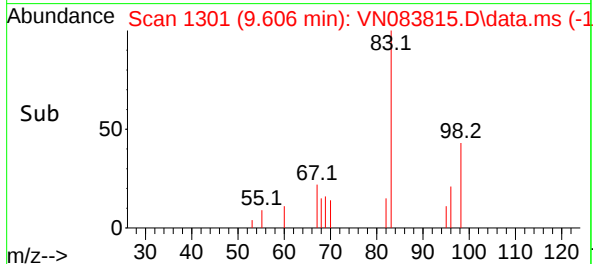
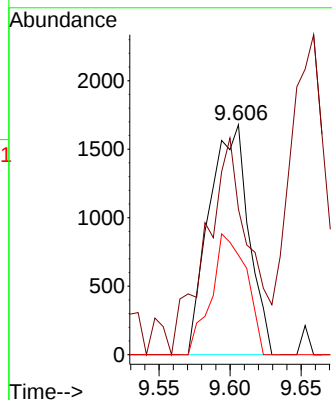
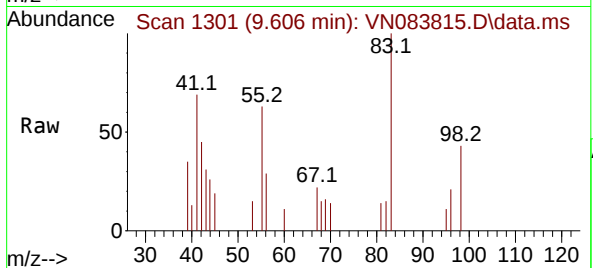




#39  
Methylcyclohexane  
Concen: 1.092 ug/l  
RT: 9.606 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

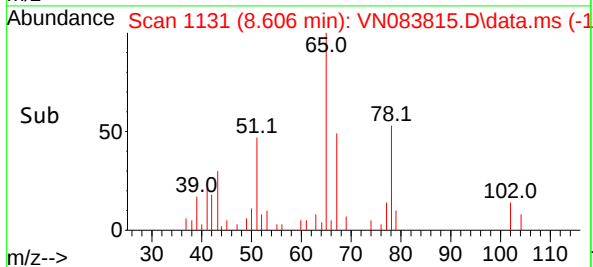
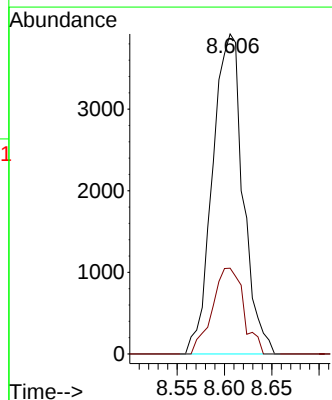
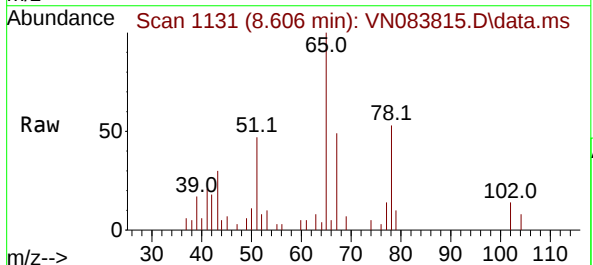
Instrument :  
MSVOA\_N  
ClientSampleId :

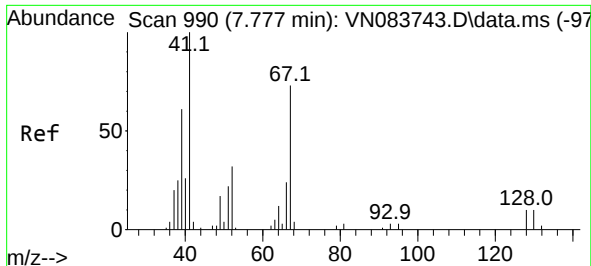
Tgt Ion: 83 Resp: 3249  
Ion Ratio Lower Upper  
83 100  
55 39.1 62.2 93.4#  
98 43.3 37.6 56.4



#40  
Benzene  
Concen: 1.120 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.006 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

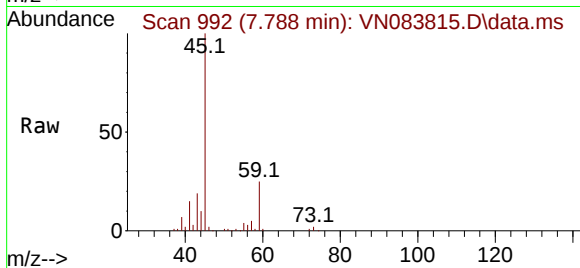
Tgt Ion: 78 Resp: 8808  
Ion Ratio Lower Upper  
78 100  
77 26.8 19.0 28.6



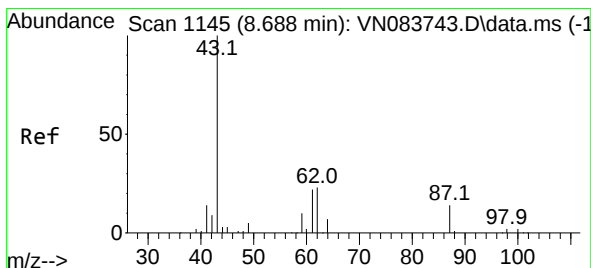
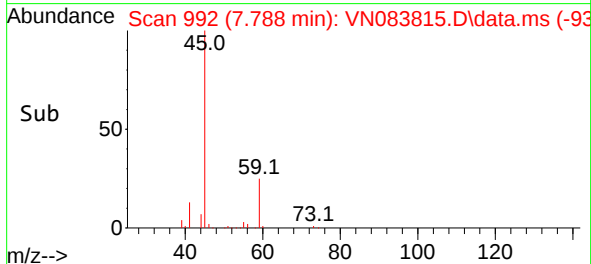
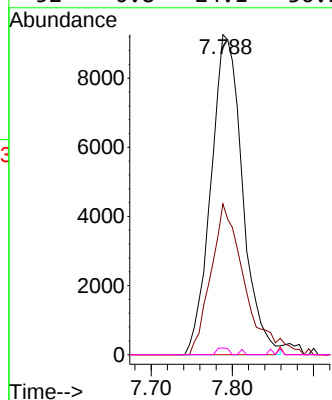


#41  
Methacrylonitrile  
Concen: 17.844 ug/l  
RT: 7.788 min Scan# 990  
Delta R.T. 0.012 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :

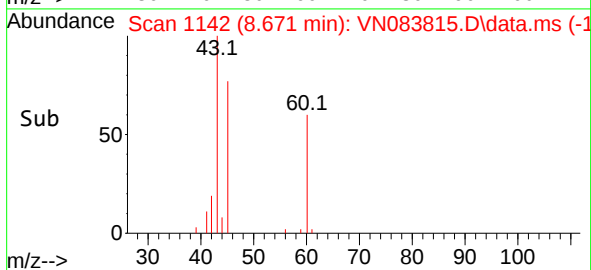
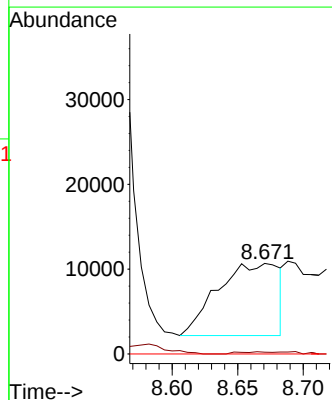
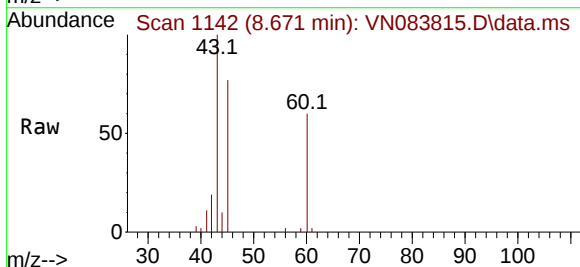


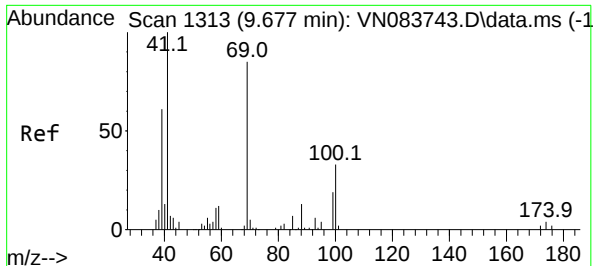
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 25033 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 50.3  | 45.4  | 68.2  |
| 67       | 0.0   | 55.9  | 83.9# |
| 52       | 0.8   | 24.1  | 36.1# |



#43  
Isopropyl Acetate  
Concen: 6.479 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.018 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 27850 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 1.6   | 19.4  | 29.0# |
| 87       | 0.0   | 9.8   | 14.6# |





#48

Methyl methacrylate

Concen: 13.017 ug/l

RT: 9.653 min Scan# 1309

Delta R.T. -0.024 min

Lab File: VN083815.D

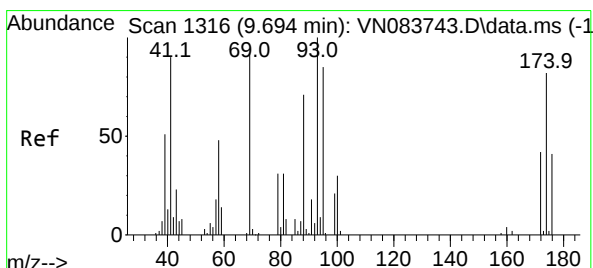
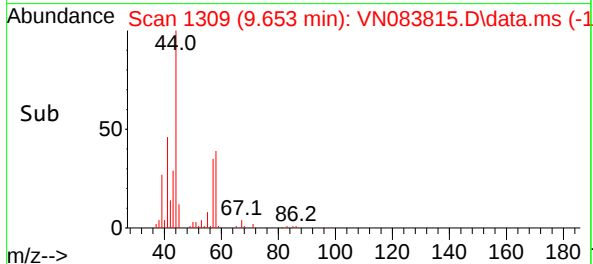
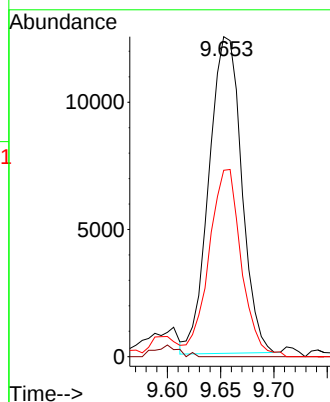
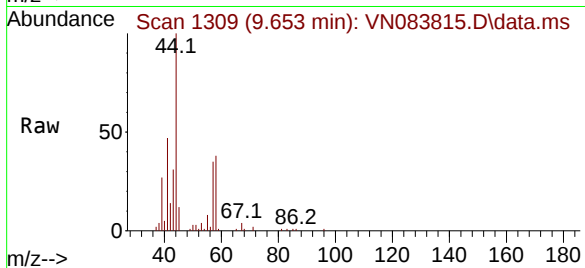
Acq: 11 Sep 2024 23:09

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 26544 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 0.0   | 64.3  | 96.5# |
| 39        | 58.8  | 48.9  | 73.3  |



#49

1,4-Dioxane

Concen: 21.910 ug/l

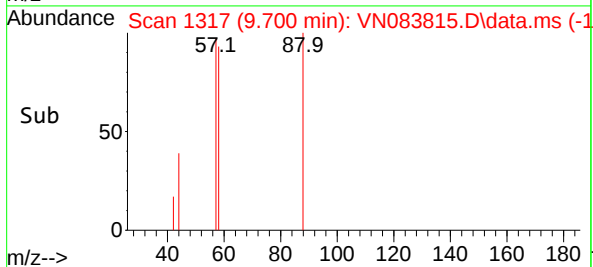
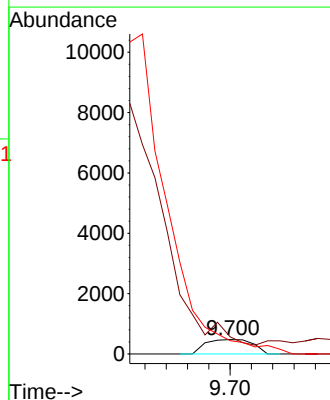
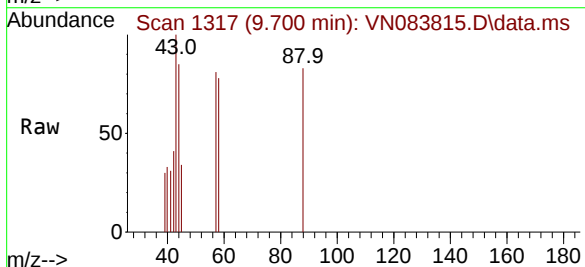
RT: 9.700 min Scan# 1317

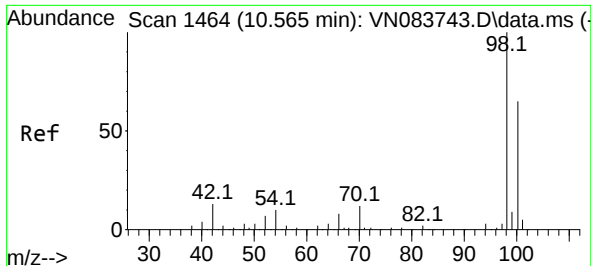
Delta R.T. 0.006 min

Lab File: VN083815.D

Acq: 11 Sep 2024 23:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 735   |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 0.0   | 0.0   | 0.0   |
| 58        | 0.0   | 57.1  | 85.7# |

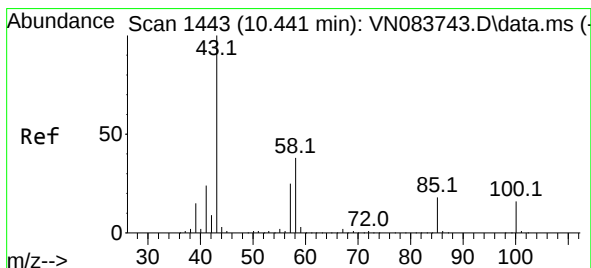
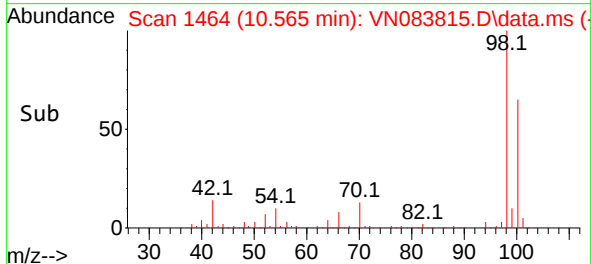
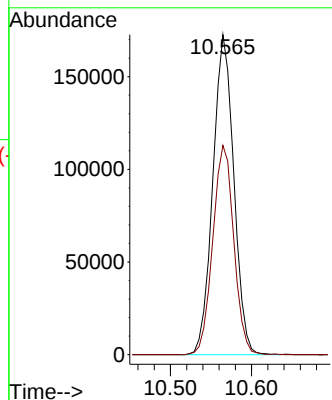
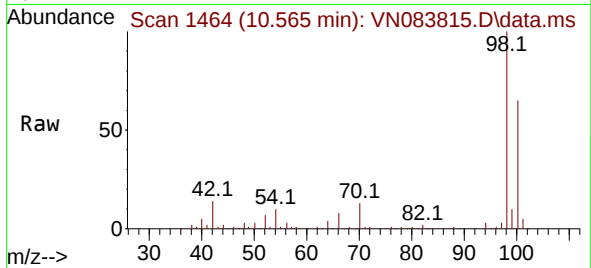




#50  
Toluene-d8  
Concen: 51.596 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

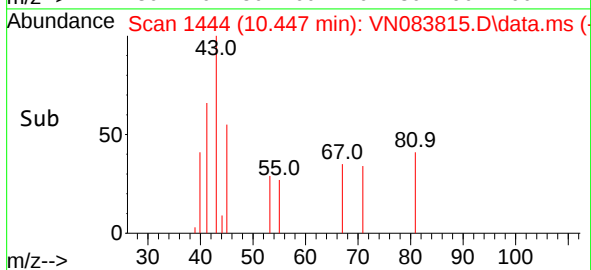
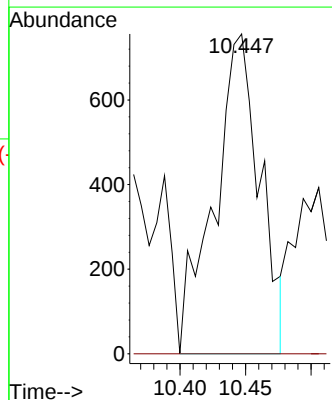
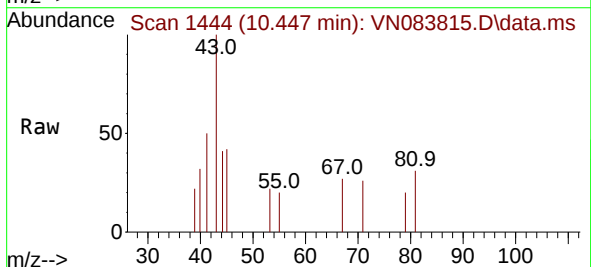
Instrument :  
MSVOA\_N  
ClientSampleId :

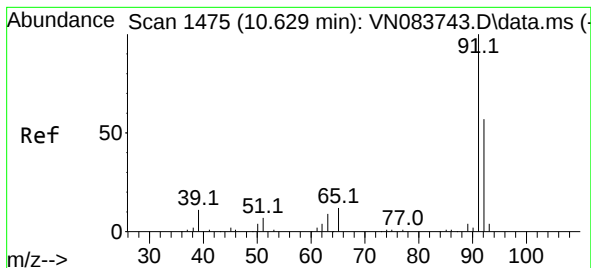
Tgt Ion: 98 Resp: 309671  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.0 78.0



#51  
4-Methyl-2-Pentanone  
Concen: 0.783 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Tgt Ion: 43 Resp: 1832  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.6 47.4#





#52

Toluene

Concen: 3.302 ug/l

RT: 10.629 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN083815.D

Acq: 11 Sep 2024 23:09

Instrument :

MSVOA\_N

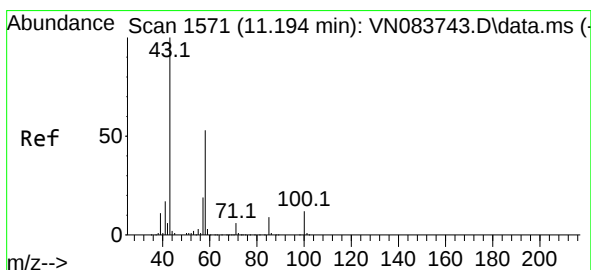
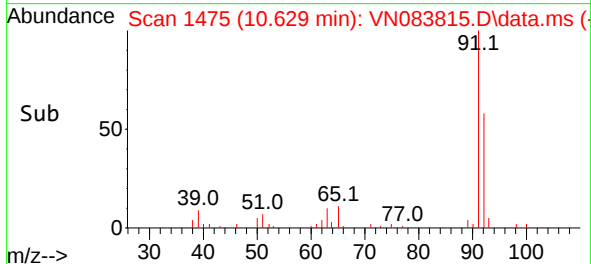
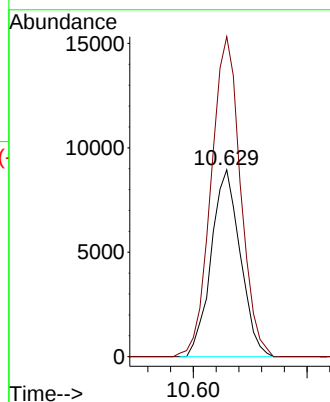
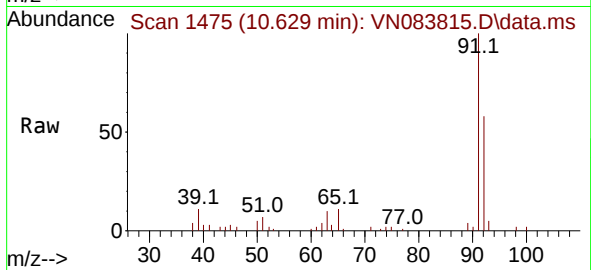
ClientSampleId :

Tgt Ion: 92 Resp: 15885

Ion Ratio Lower Upper

92 100

91 173.5 134.7 202.1



#59

2-Hexanone

Concen: 1.250 ug/l

RT: 11.188 min Scan# 1570

Delta R.T. -0.006 min

Lab File: VN083815.D

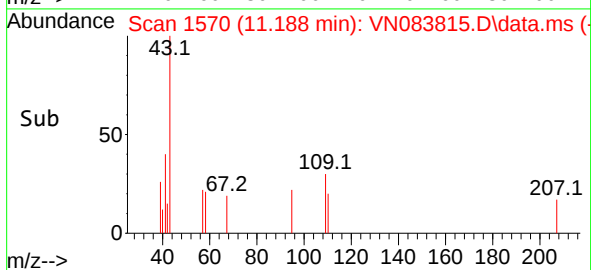
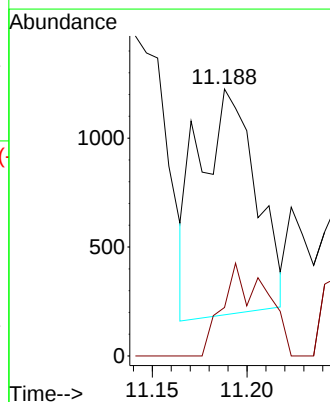
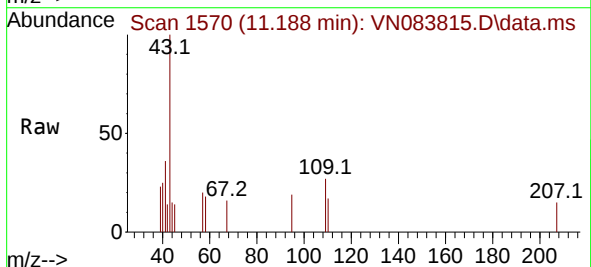
Acq: 11 Sep 2024 23:09

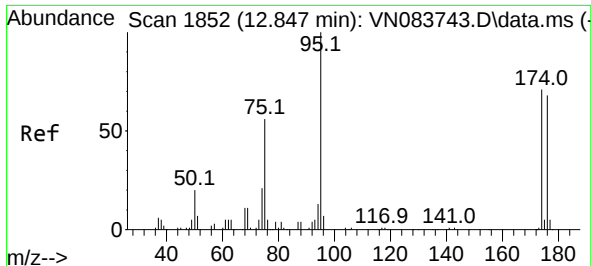
Tgt Ion: 43 Resp: 2163

Ion Ratio Lower Upper

43 100

58 31.1 27.2 81.5

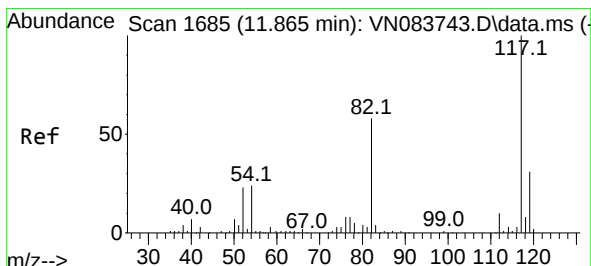
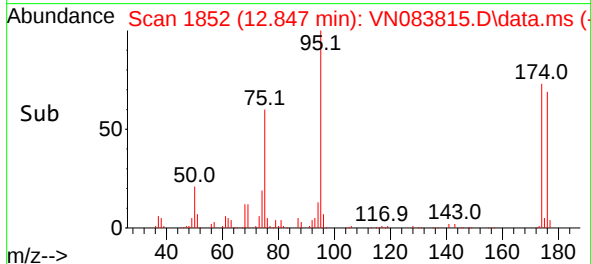
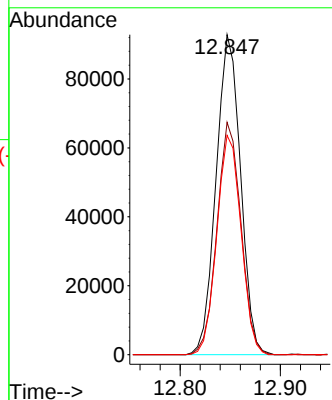
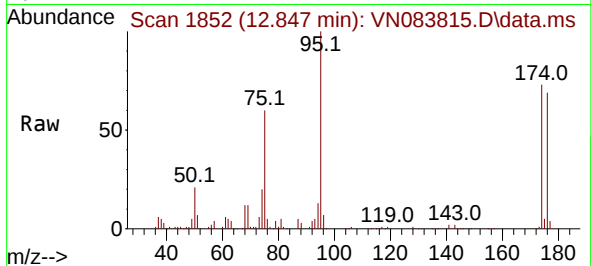




#62  
4-Bromofluorobenzene  
Concen: 63.493 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

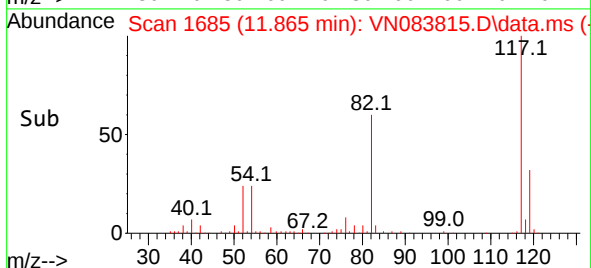
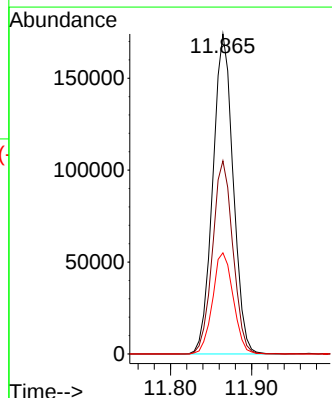
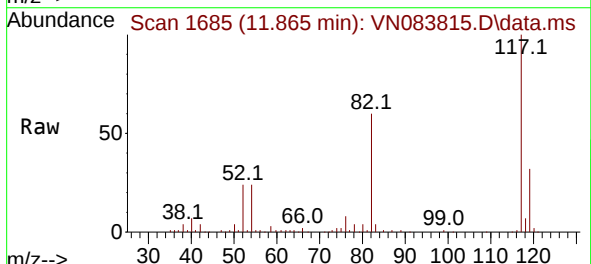
Instrument :  
MSVOA\_N  
ClientSampleId :

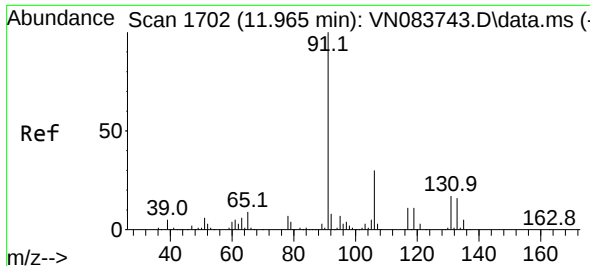
Tgt Ion: 95 Resp: 157223  
Ion Ratio Lower Upper  
95 100  
174 71.3 0.0 139.8  
176 67.9 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Tgt Ion: 117 Resp: 303232  
Ion Ratio Lower Upper  
117 100  
82 60.3 47.4 71.0  
119 31.6 26.3 39.5

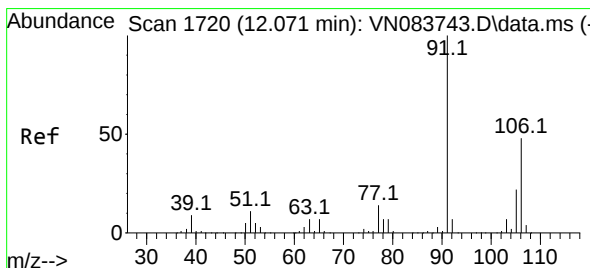
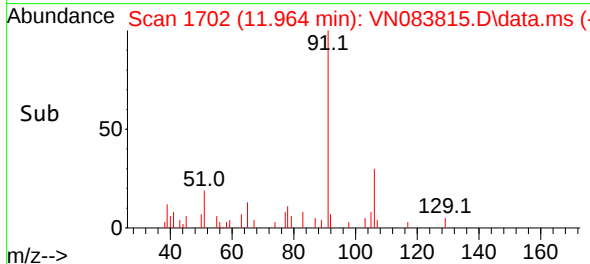
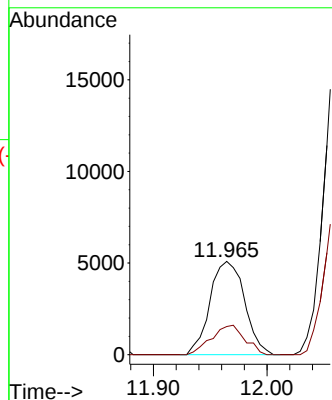
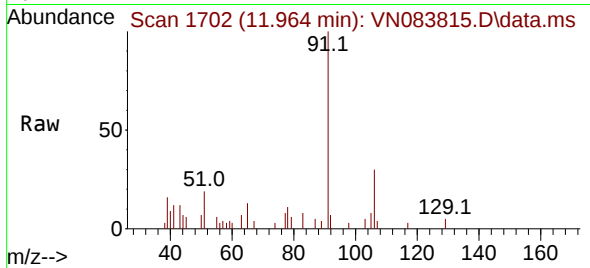




#67  
Ethyl Benzene  
Concen: 0.899 ug/l  
RT: 11.964 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

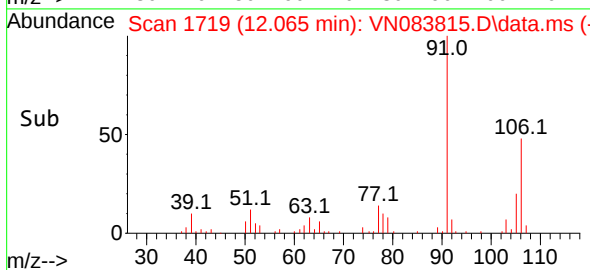
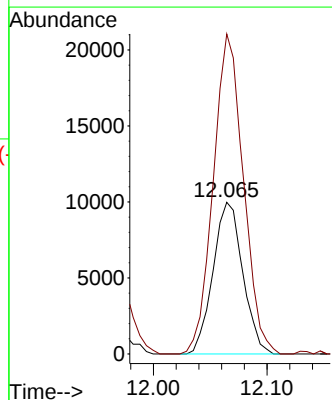
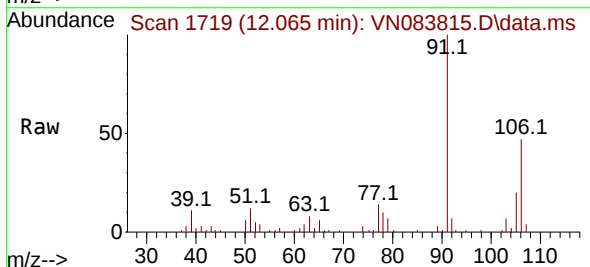
Instrument :  
MSVOA\_N  
ClientSampleId :

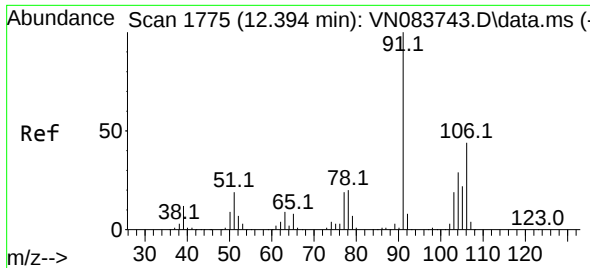
Tgt Ion: 91 Resp: 10769  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.3 36.5



#68  
m/p-Xylenes  
Concen: 4.079 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Tgt Ion:106 Resp: 18130  
Ion Ratio Lower Upper  
106 100  
91 213.8 169.2 253.8

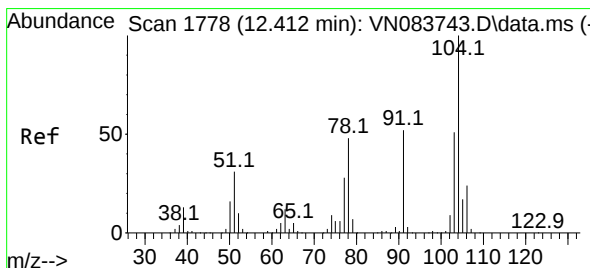
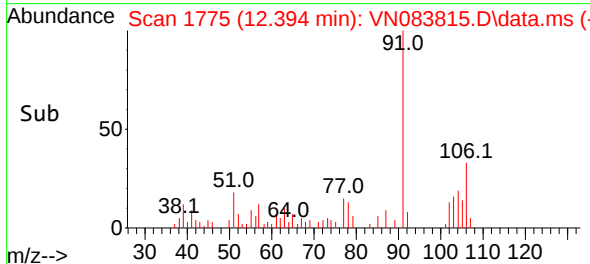
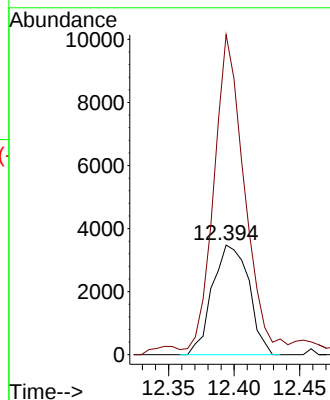
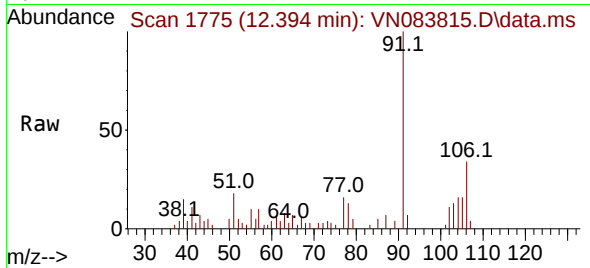




#69  
o-Xylene  
Concen: 1.561 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

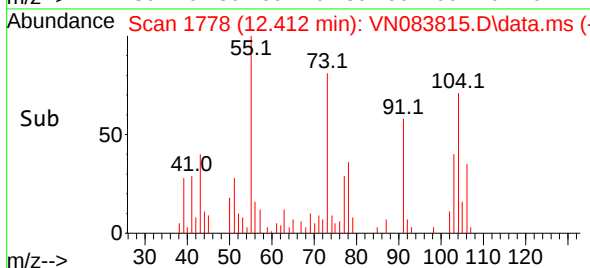
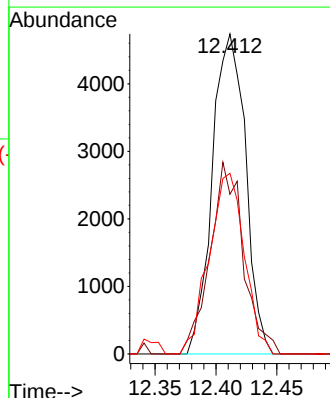
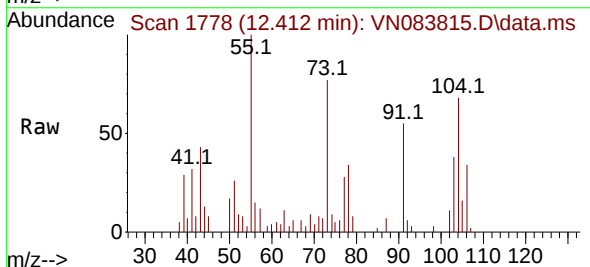
Instrument :  
MSVOA\_N  
ClientSampleId :

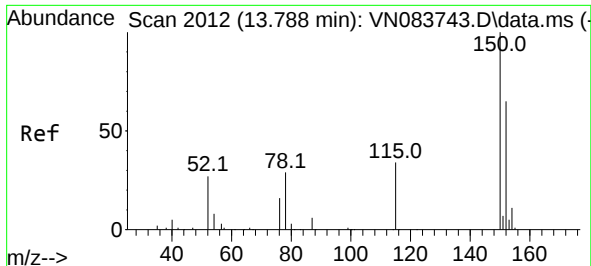
Tgt Ion:106 Resp: 6718  
Ion Ratio Lower Upper  
106 100  
91 237.7 112.9 338.6



#70  
Styrene  
Concen: 1.275 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

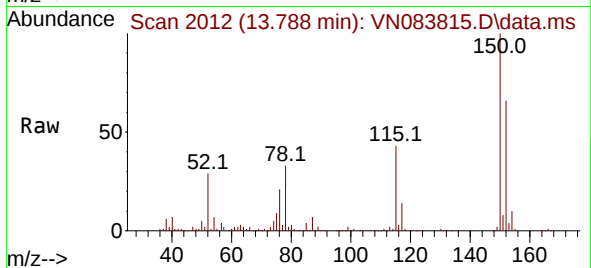
Tgt Ion:104 Resp: 9001  
Ion Ratio Lower Upper  
104 100  
78 59.9 43.3 64.9  
103 60.1 43.4 65.2



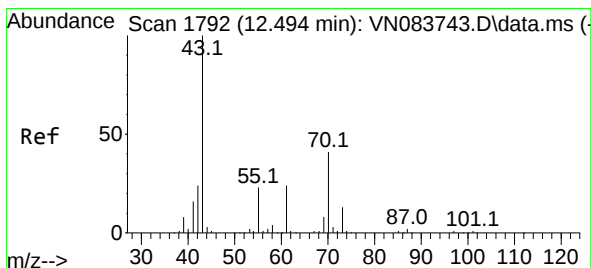
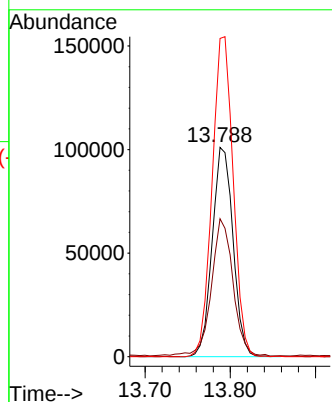
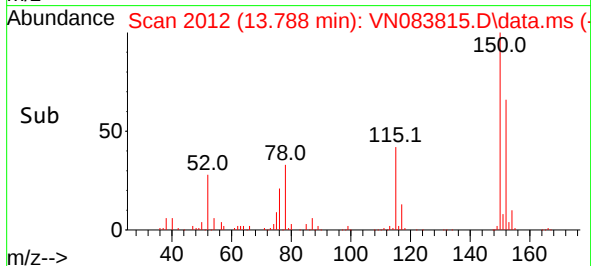


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :

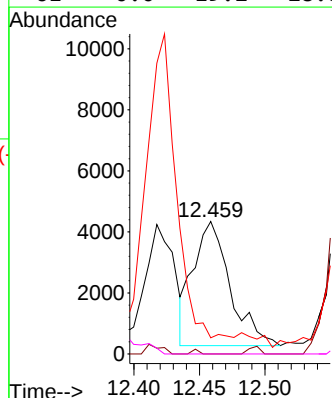
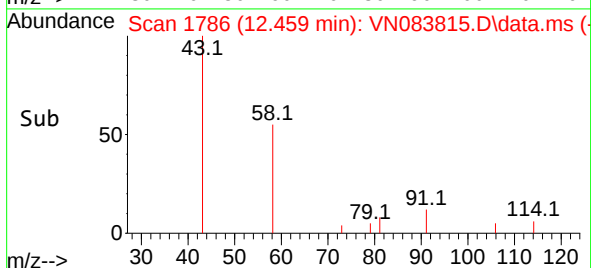
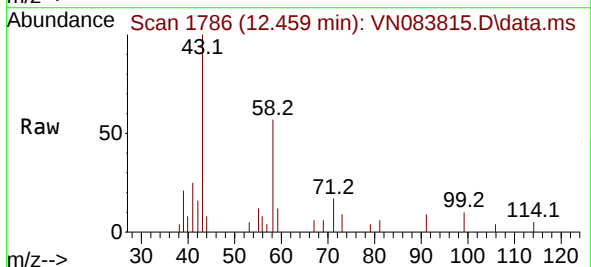


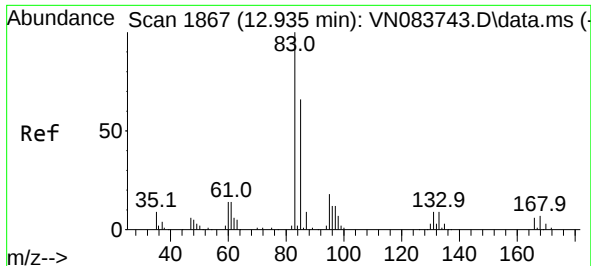
Tgt Ion:152 Resp: 171715  
Ion Ratio Lower Upper  
152 100  
115 67.8 32.2 96.6  
150 154.0 0.0 348.6



#74  
N-ethyl acetate  
Concen: 1.406 ug/l  
RT: 12.459 min Scan# 1786  
Delta R.T. -0.035 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

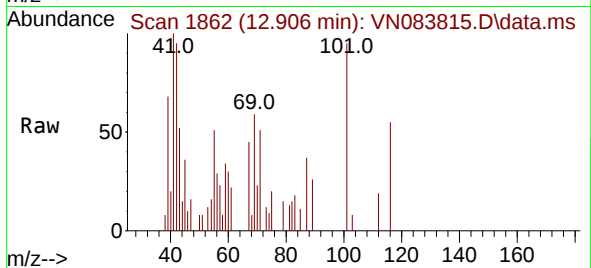
Tgt Ion: 43 Resp: 7968  
Ion Ratio Lower Upper  
43 100  
70 0.0 34.5 51.7#  
55 0.0 18.6 28.0#  
61 0.0 19.2 28.8#



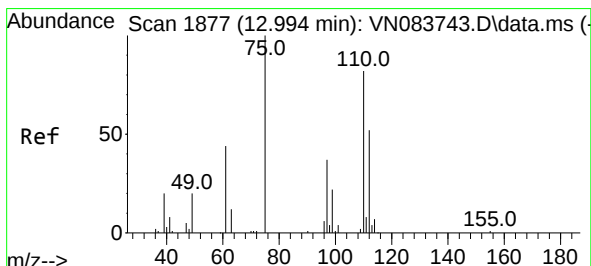
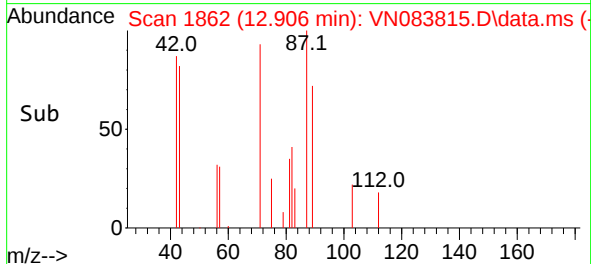
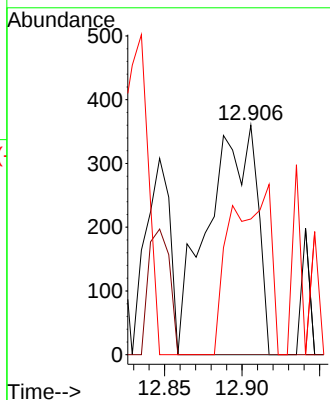


#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.202 ug/l  
RT: 12.906 min Scan# 1862  
Delta R.T. -0.030 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :

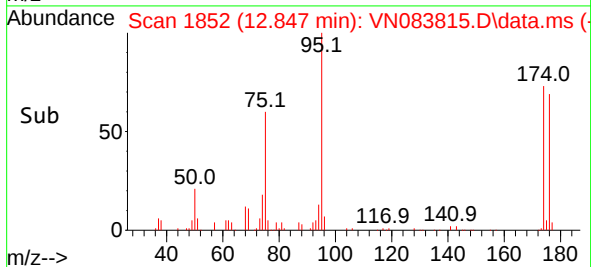
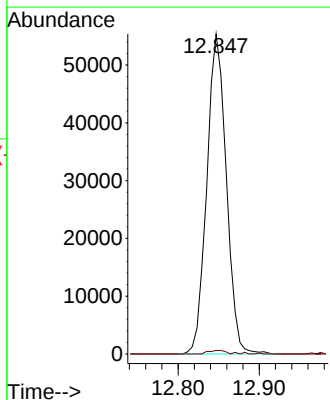
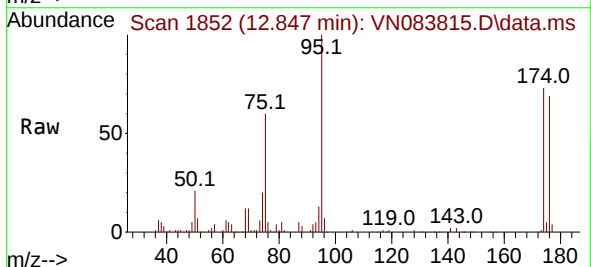


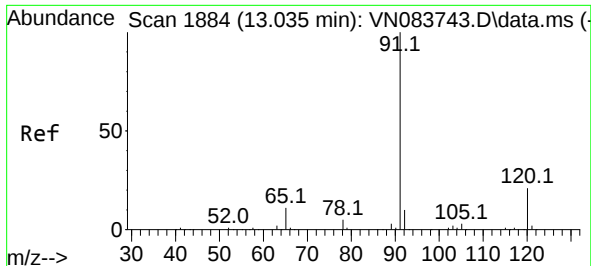
Tgt Ion: 83 Resp: 790  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.2 15.6#  
85 58.9 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 26.662 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.147 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Tgt Ion: 75 Resp: 92379  
Ion Ratio Lower Upper  
75 100  
77 0.9 95.2 285.6#

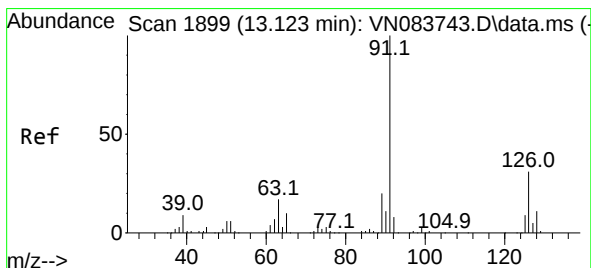
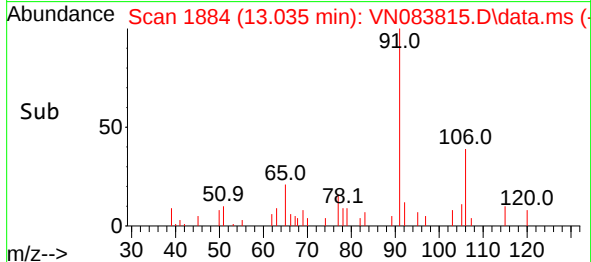
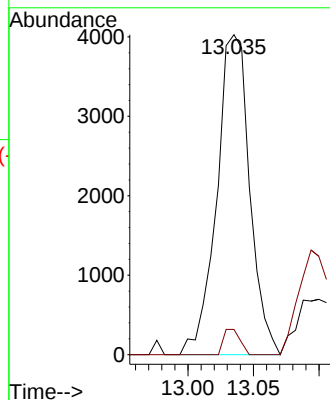
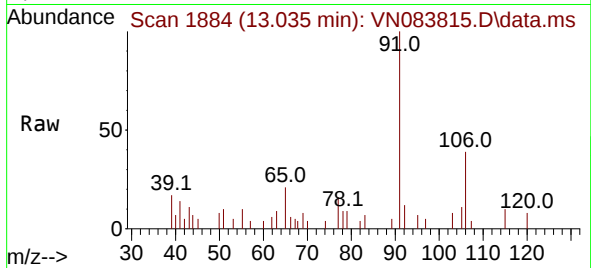




#78  
n-propylbenzene  
Concen: 0.456 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

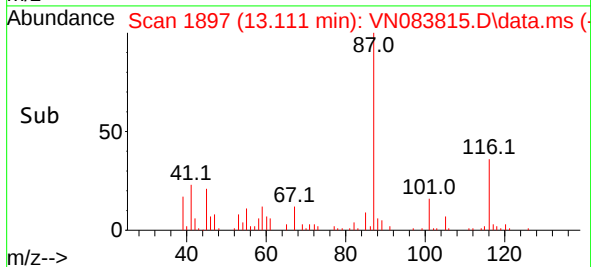
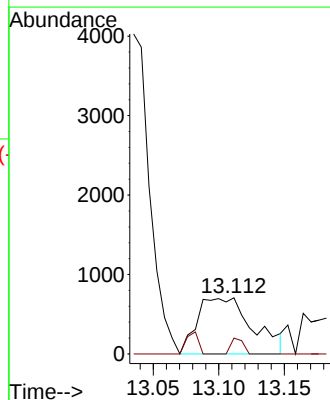
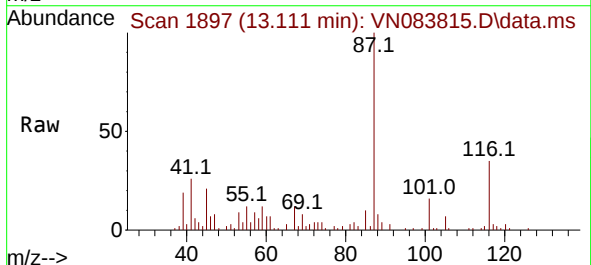
Instrument :  
MSVOA\_N  
ClientSampleId :

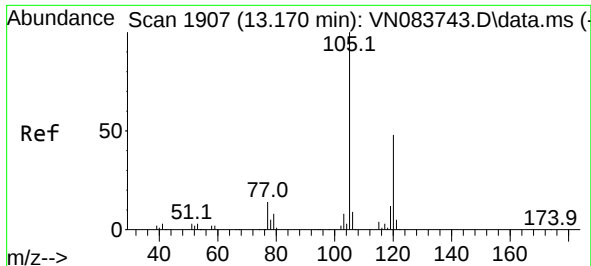
Tgt Ion: 91 Resp: 7051  
Ion Ratio Lower Upper  
91 100  
120 3.9 11.0 33.0#



#79  
2-Chlorotoluene  
Concen: 0.209 ug/l  
RT: 13.111 min Scan# 1897  
Delta R.T. -0.012 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

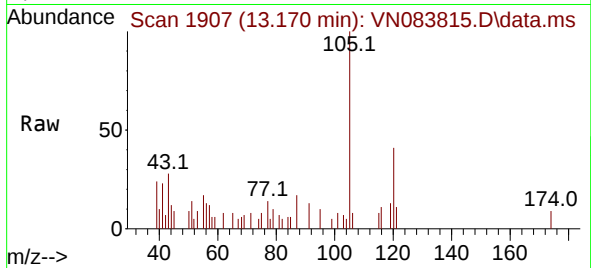
Tgt Ion: 91 Resp: 2062  
Ion Ratio Lower Upper  
91 100  
126 6.3 15.4 46.2#



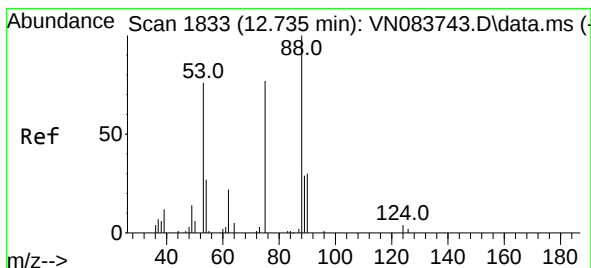
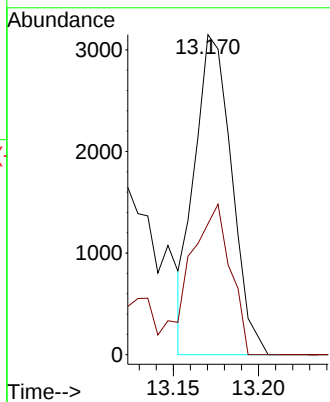
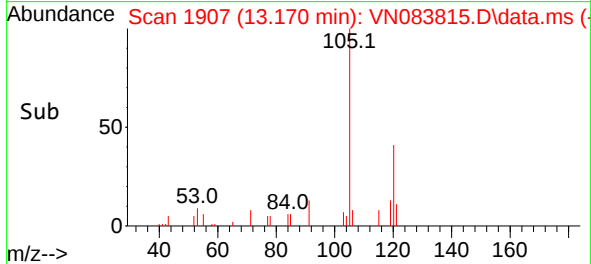


#80  
1,3,5-Trimethylbenzene  
Concen: 0.426 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :

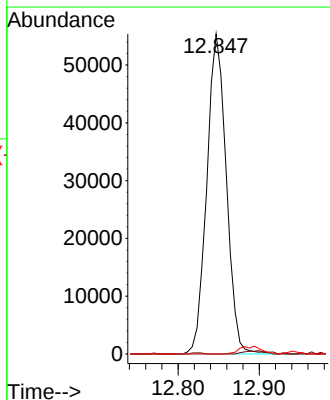
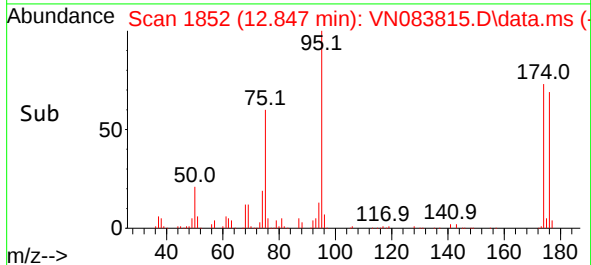
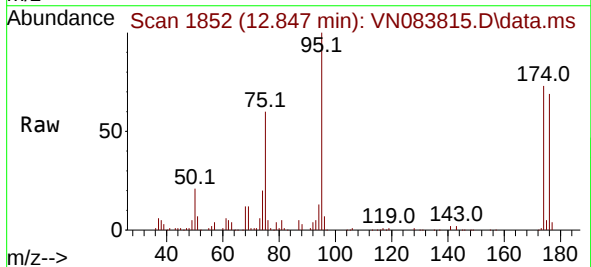


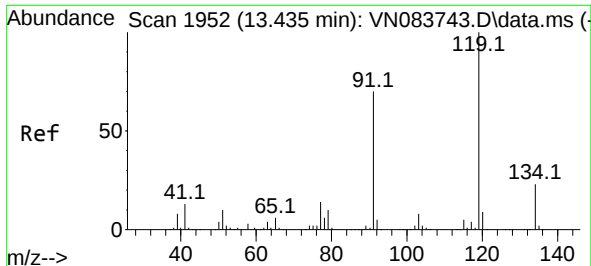
Tgt Ion:105 Resp: 4769  
Ion Ratio Lower Upper  
105 100  
120 52.0 23.4 70.3



#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.829 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.112 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Tgt Ion: 75 Resp: 92379  
Ion Ratio Lower Upper  
75 100  
53 0.0 81.2 121.8#  
89 0.0 35.7 53.5#

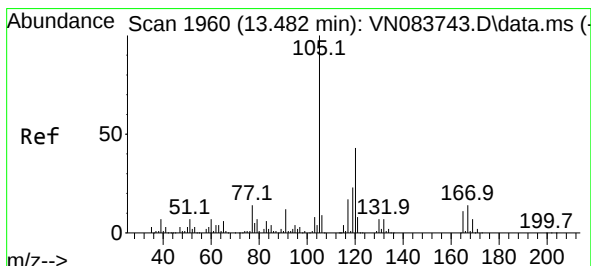
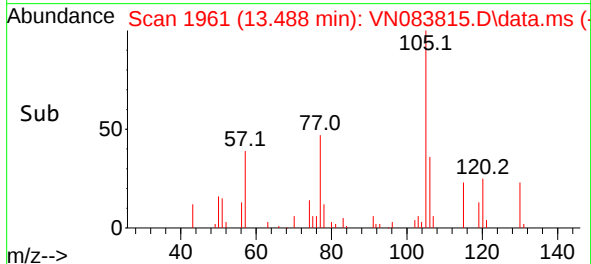
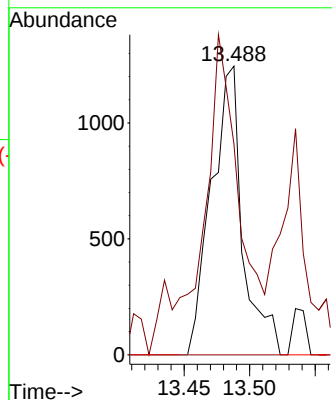
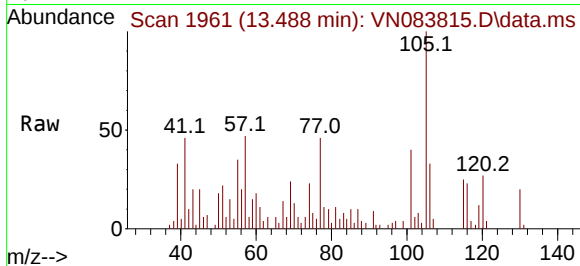




#83  
tert-Butylbenzene  
Concen: 0.210 ug/l  
RT: 13.488 min Scan# 1952  
Delta R.T. 0.053 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

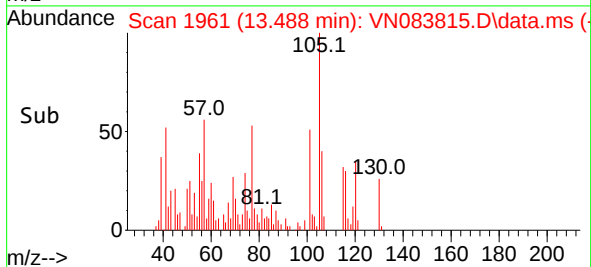
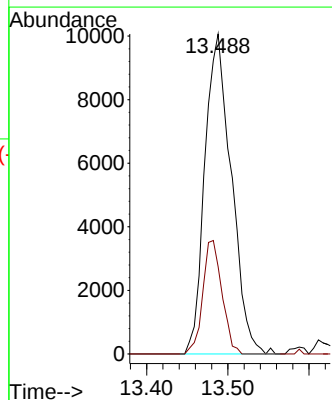
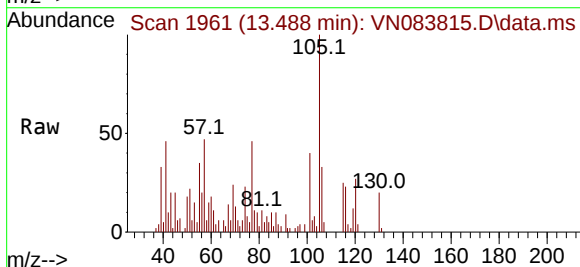
Instrument :  
MSVOA\_N  
ClientSampleId :

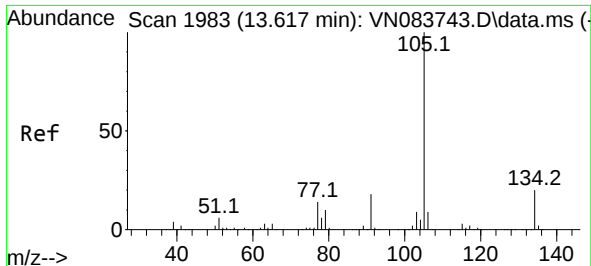
Tgt Ion:119 Resp: 2061  
Ion Ratio Lower Upper  
119 100  
91 87.2 34.5 103.6  
134 0.0 12.8 38.4#



#84  
1,2,4-Trimethylbenzene  
Concen: 2.031 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.006 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Tgt Ion:105 Resp: 22847  
Ion Ratio Lower Upper  
105 100  
120 25.6 21.8 65.4

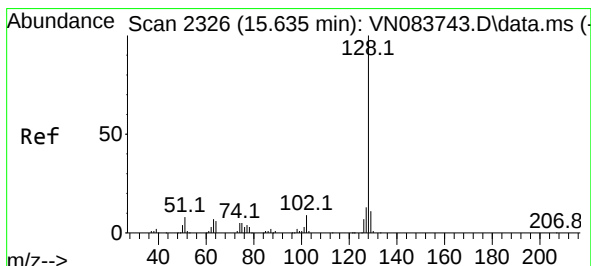
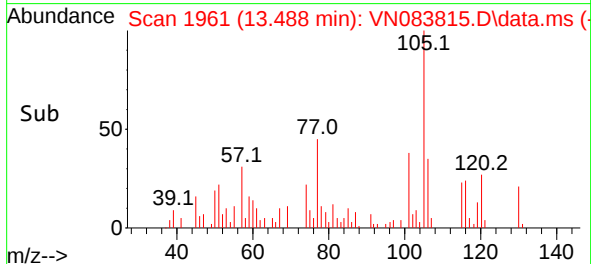
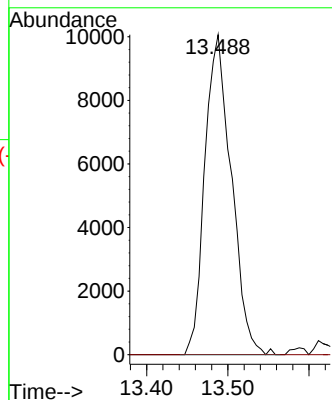
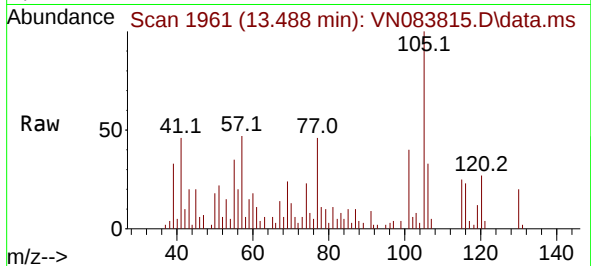




#85  
sec-Butylbenzene  
Concen: 1.758 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. -0.130 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:105 Resp: 22847  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.7 29.1#



#95  
Naphthalene  
Concen: 6.748 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.006 min  
Lab File: VN083815.D  
Acq: 11 Sep 2024 23:09

Tgt Ion:128 Resp: 64170  
Ion Ratio Lower Upper  
128 100  
127 14.8 10.2 15.2  
129 13.2 8.7 13.1#

