

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091124\  
 Data File : VN083813.D  
 Acq On : 11 Sep 2024 22:21  
 Operator : JC\MD  
 Sample : P3913-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 12 02:17:05 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         | 8.218          | 168  | 115767               | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.100          | 114  | 243389               | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.865         | 117  | 278249               | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.788         | 152  | 152130               | 50.000    | ug/l   | 0.00     |
|                               |                |      |                      |           |        |          |
| System Monitoring Compounds   |                |      |                      |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.577          | 65   | 93032                | 53.295    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 106.600%  |           |        |          |
| 35) Dibromofluoromethane      | 8.165          | 113  | 75041                | 48.160    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 96.320%   |           |        |          |
| 50) Toluene-d8                | 10.565         | 98   | 272163               | 50.526    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 101.060%  |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.847         | 95   | 138410               | 62.280    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = 124.560%# |           |        |          |
|                               |                |      |                      |           |        |          |
| Target Compounds              |                |      |                      |           |        |          |
|                               |                |      |                      |           | Qvalue |          |
| 3) Chloromethane              | 2.365          | 50   | 657                  | Below Cal | #      | 41       |
| 5) Bromomethane               | 2.895          | 94   | 282                  | 0.333     | ug/l # | 2        |
| 6) Chloroethane               | 3.189          | 64   | 259                  | 0.251     | ug/l # | 45       |
| 11) Tert butyl alcohol        | 5.530          | 59   | 3587                 | 15.345    | ug/l # | 86       |
| 13) Acrolein                  | 4.189          | 56   | 277                  | 1.201     | ug/l   | 92       |
| 16) Acetone                   | 4.430          | 43   | 153575               | 219.465   | ug/l   | 97       |
| 17) Carbon Disulfide          | 4.694          | 76   | 3844                 | 1.097     | ug/l # | 75       |
| 18) Methyl Acetate            | 5.018          | 43   | 9688                 | 4.974     | ug/l # | 88       |
| 25) 2-Butanone                | 7.482          | 43   | 147026               | 159.857   | ug/l   | 92       |
| 28) Bromochloromethane        | 7.794          | 49   | 423                  | 0.380     | ug/l # | 14       |
| 29) Tetrahydrofuran           | 7.794          | 42   | 5081                 | 9.343     | ug/l # | 65       |
| 31) Cyclohexane               | 8.218          | 56   | 3419                 | 1.355     | ug/l # | 41       |
| 36) 1,1-Dichloropropene       | 8.224          | 75   | 10853                | 4.628     | ug/l # | 49       |
| 37) Ethyl Acetate             | 7.482          | 43   | 147026               | 69.066    | ug/l # | 68       |
| 38) Carbon Tetrachloride      | 8.218          | 117  | 13404                | 5.038     | ug/l # | 15       |
| 40) Benzene                   | 8.606          | 78   | 2939                 | 0.416     | ug/l   | 99       |
| 41) Methacrylonitrile         | 7.788          | 41   | 22907                | 18.194    | ug/l # | 47       |
| 43) Isopropyl Acetate         | 8.665          | 43   | 79202                | 20.531    | ug/l # | 58       |
| 48) Methyl methacrylate       | 9.653          | 41   | 38101                | 20.818    | ug/l # | 46       |
| 49) 1,4-Dioxane               | 9.694          | 88   | 887                  | 29.461    | ug/l # | 14       |
| 51) 4-Methyl-2-Pentanone      | 10.435         | 43   | 1557                 | 0.741     | ug/l # | 71       |
| 52) Toluene                   | 10.629         | 92   | 6505                 | 1.507     | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194         | 43   | 1233                 | 0.794     | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.965         | 91   | 4855                 | 0.442     | ug/l   | 94       |
| 68) m/p-Xylenes               | 12.070         | 106  | 6176                 | 1.514     | ug/l   | 99       |
| 69) o-Xylene                  | 12.394         | 106  | 3247                 | 0.822     | ug/l   | 97       |
| 70) Styrene                   | 12.412         | 104  | 4392                 | 0.678     | ug/l   | 97       |
| 71) Bromoform                 | 12.847         | 173  | 654                  | 0.453     | ug/l # | 1        |
| 74) N-amyl acetate            | 12.459         | 43   | 4720                 | 0.940     | ug/l # | 43       |
| 76) 1,2,3-Trichloropropane    | 12.847         | 75   | 79605                | 25.933    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.847         | 75   | 79605                | 67.920    | ug/l # | 9        |
| 85) sec-Butylbenzene          | 13.500         | 105  | 15461                | 1.343     | ug/l # | 57       |
| 95) Naphthalene               | 15.641         | 128  | 83357                | 9.895     | ug/l   | 98       |
| -----                         |                |      |                      |           |        |          |

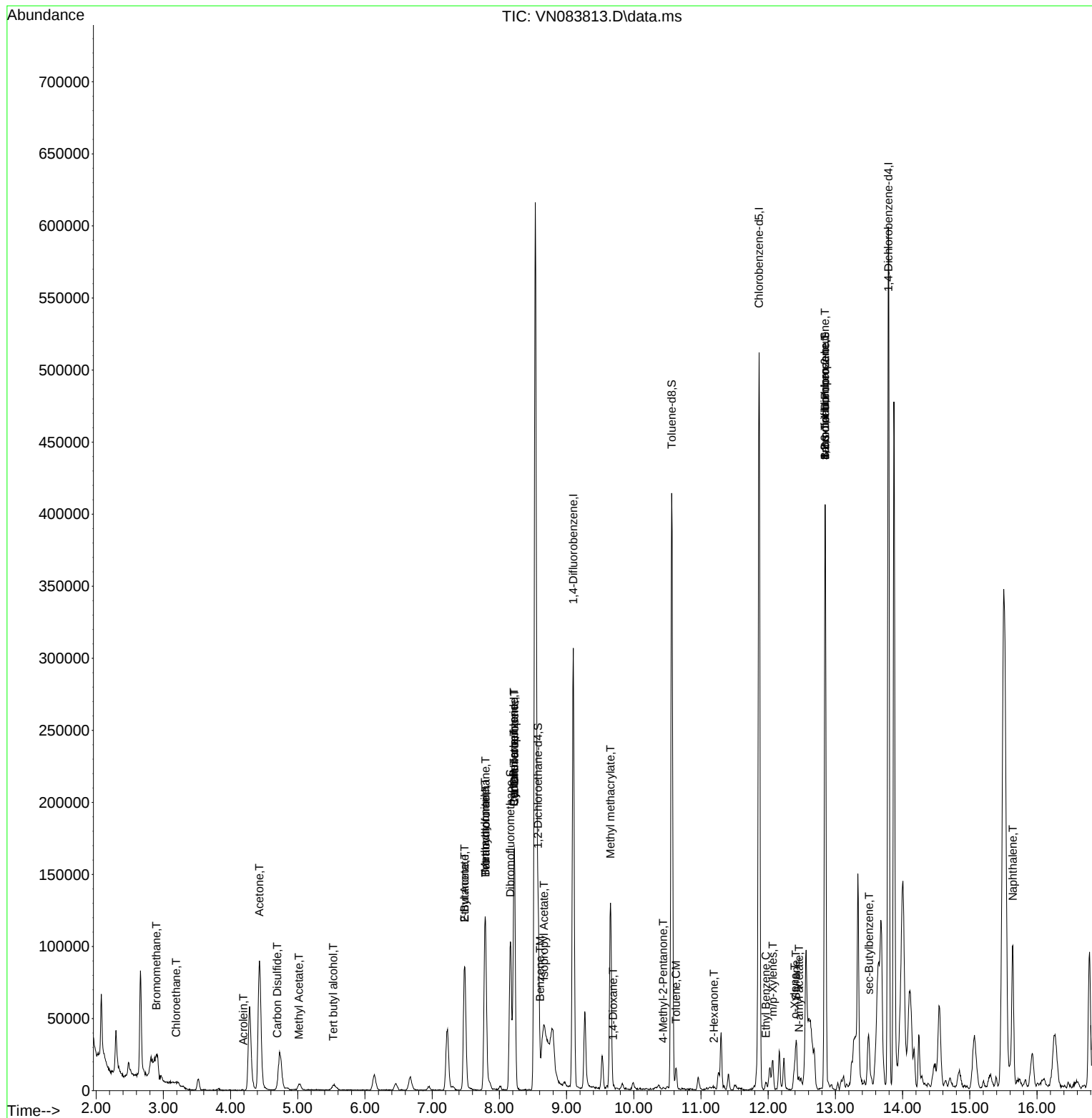
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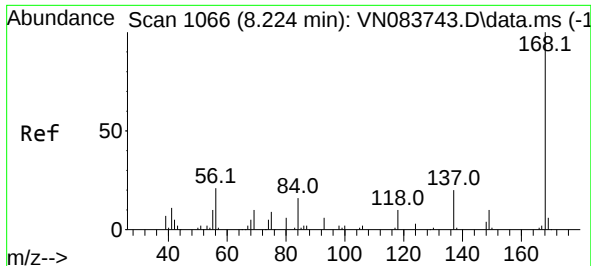
Instrument :  
MSVOA\_N  
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091124\  
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ClientSampleId :

Quant Time: Sep 12 02:17:05 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

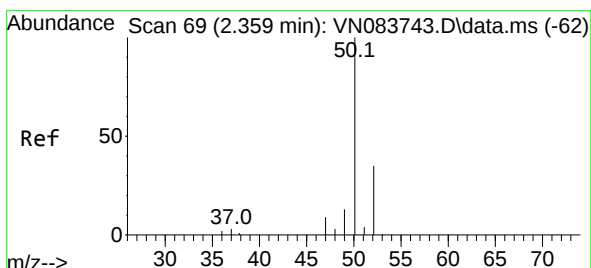
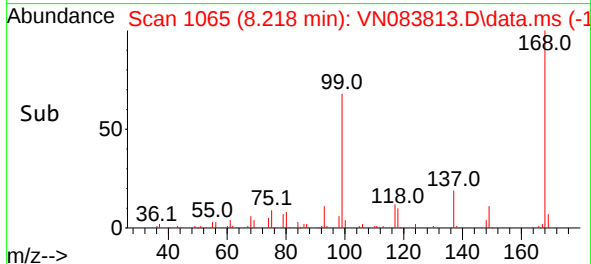
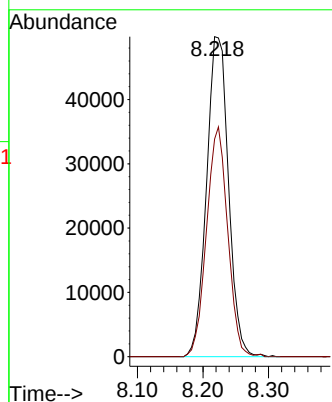
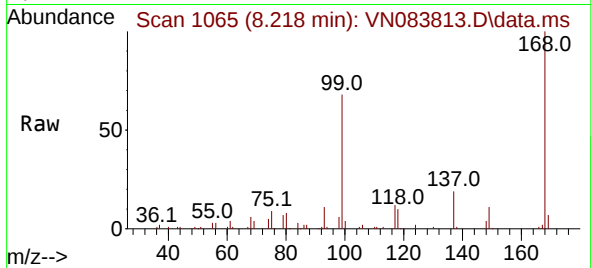




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

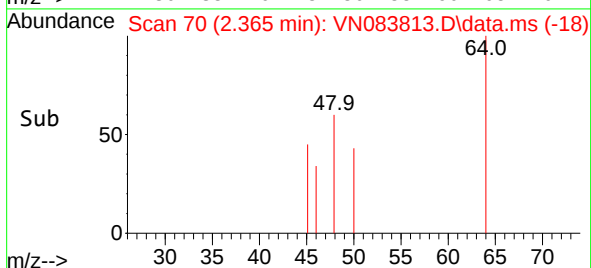
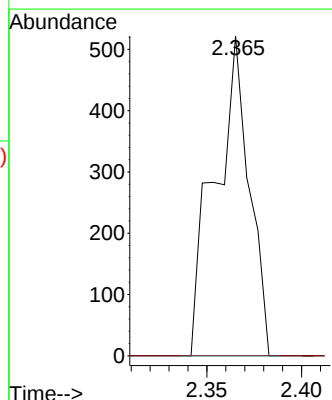
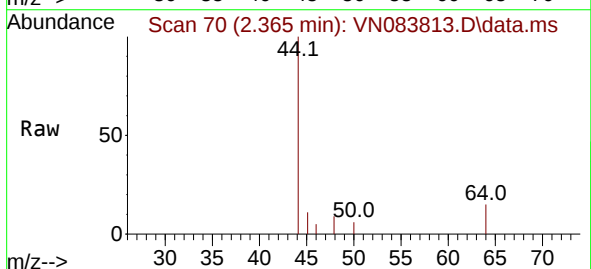
Instrument :  
MSVOA\_N  
ClientSampleId :

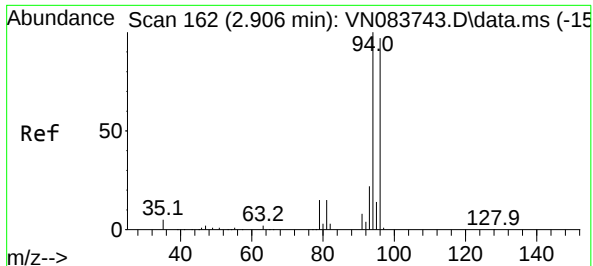
Tgt Ion:168 Resp: 115767  
Ion Ratio Lower Upper  
168 100  
99 68.0 54.2 81.2



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Tgt Ion: 50 Resp: 657  
Ion Ratio Lower Upper  
50 100  
52 0.0 27.2 40.8#

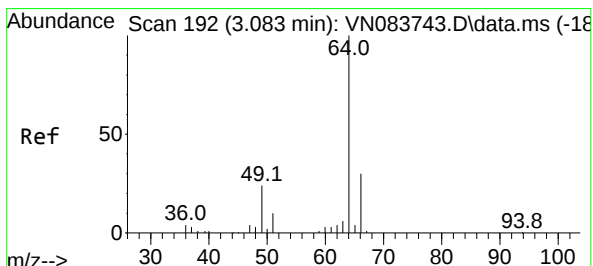
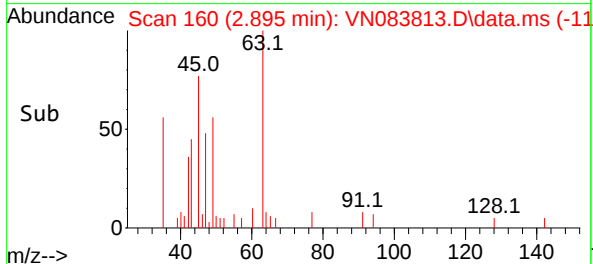
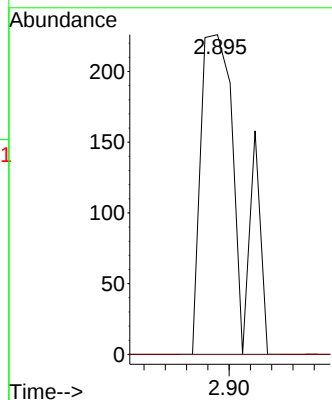
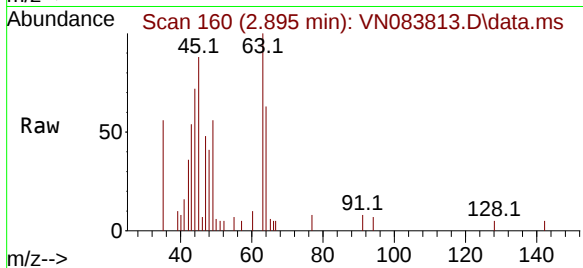




#5  
Bromomethane  
Concen: 0.333 ug/l  
RT: 2.895 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

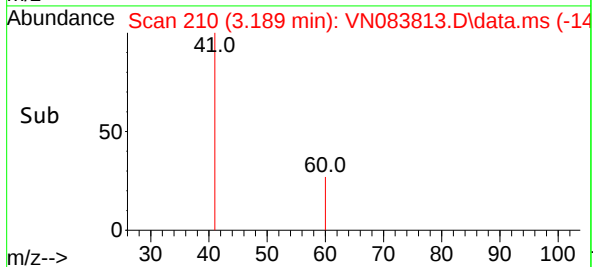
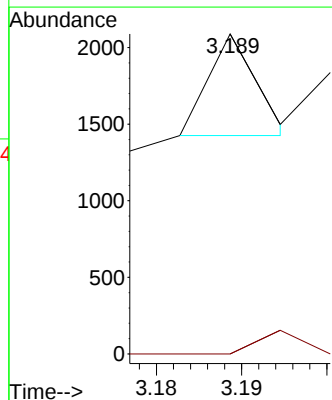
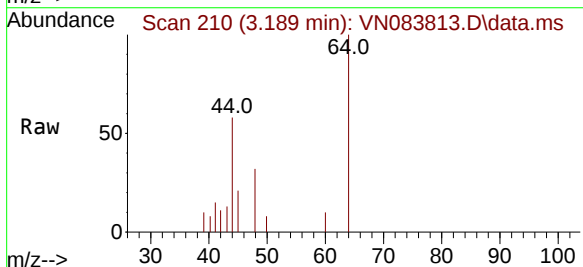
Instrument :  
MSVOA\_N  
ClientSampleId :

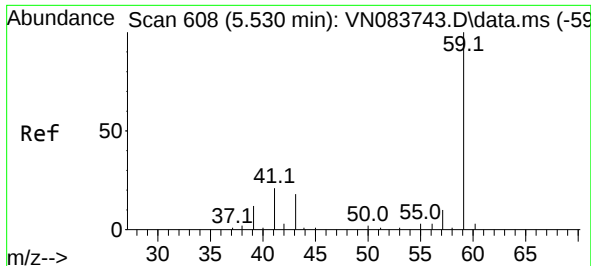
Tgt Ion: 94 Resp: 282  
Ion Ratio Lower Upper  
94 100  
96 0.0 76.0 114.0#



#6  
Chloroethane  
Concen: 0.251 ug/l  
RT: 3.189 min Scan# 210  
Delta R.T. 0.106 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Tgt Ion: 64 Resp: 259  
Ion Ratio Lower Upper  
64 100  
66 0.0 23.9 35.9#

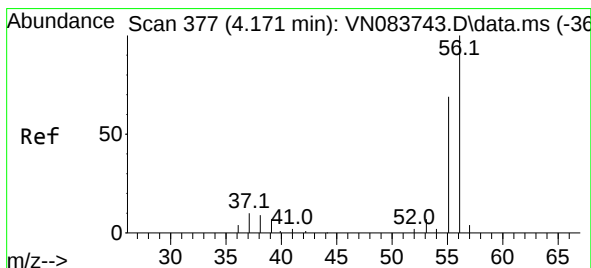
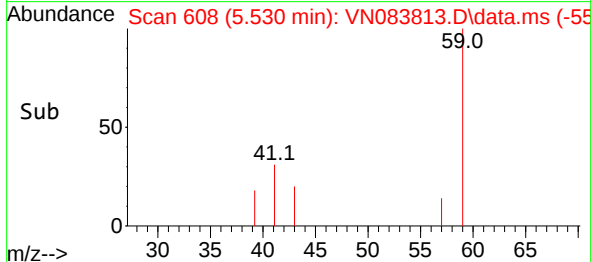
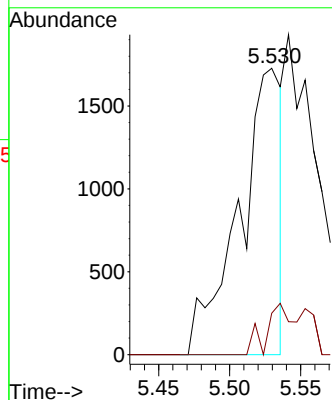
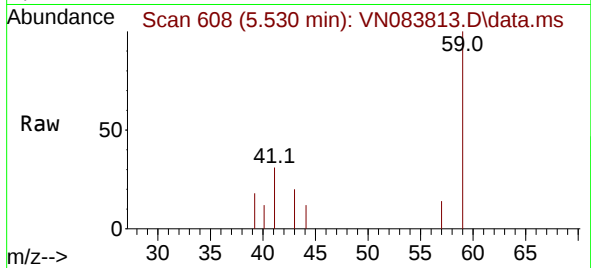




#11  
Tert butyl alcohol  
Concen: 15.345 ug/l  
RT: 5.530 min Scan# 608  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

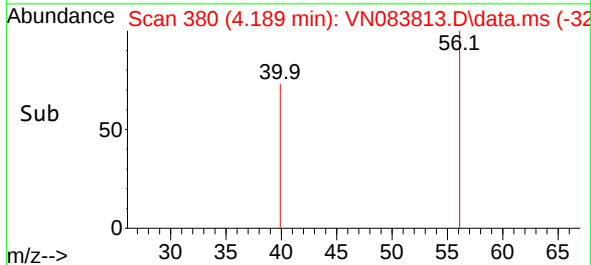
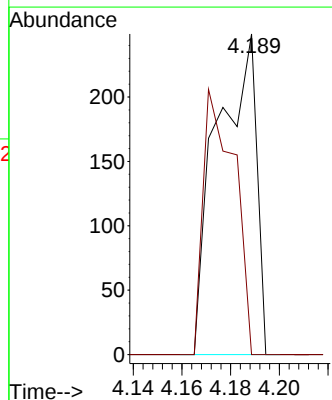
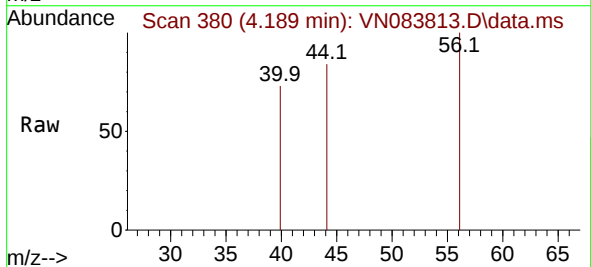
Instrument :  
MSVOA\_N  
ClientSampleId :

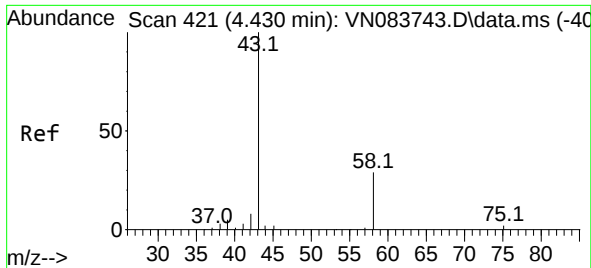
Tgt Ion: 59 Resp: 3587  
Ion Ratio Lower Upper  
59 100  
57 16.3 8.7 13.1#



#13  
Acrolein  
Concen: 1.201 ug/l  
RT: 4.189 min Scan# 380  
Delta R.T. 0.018 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Tgt Ion: 56 Resp: 277  
Ion Ratio Lower Upper  
56 100  
55 66.1 58.2 87.2





#16

Acetone

Concen: 219.465 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

Instrument :

MSVOA\_N

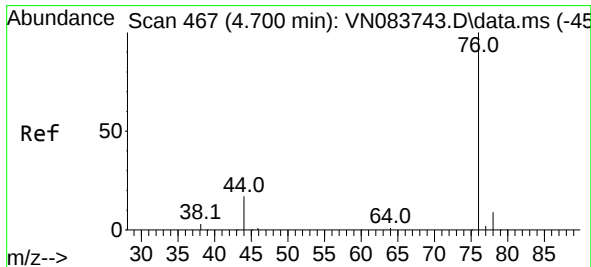
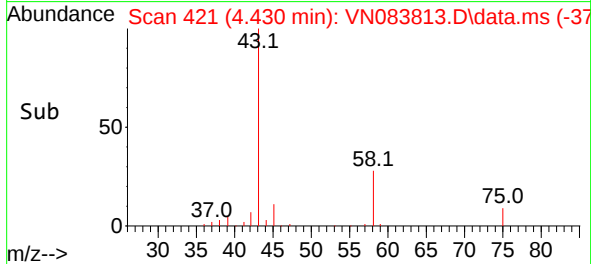
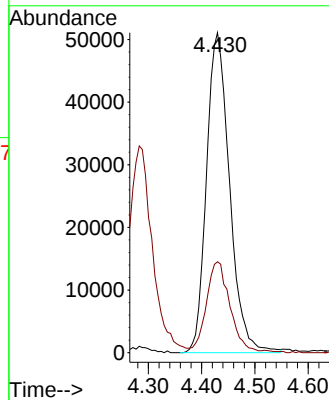
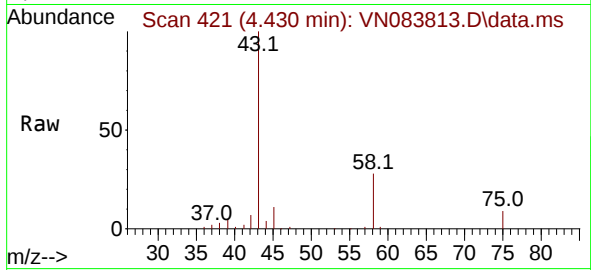
ClientSampleId :

Tgt Ion: 43 Resp: 153575

Ion Ratio Lower Upper

43 100

58 28.0 23.7 35.5



#17

Carbon Disulfide

Concen: 1.097 ug/l

RT: 4.694 min Scan# 466

Delta R.T. -0.006 min

Lab File: VN083813.D

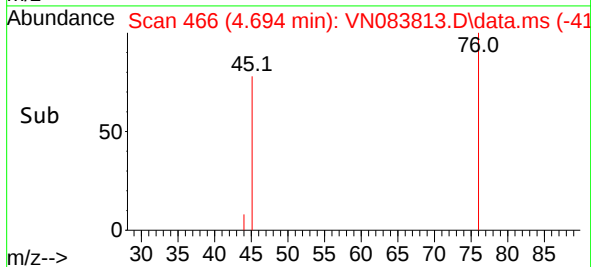
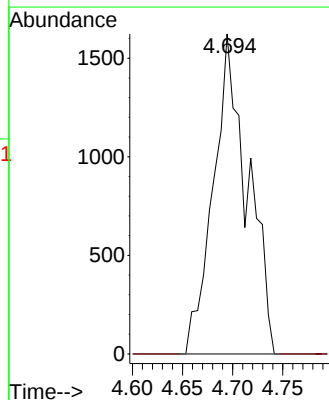
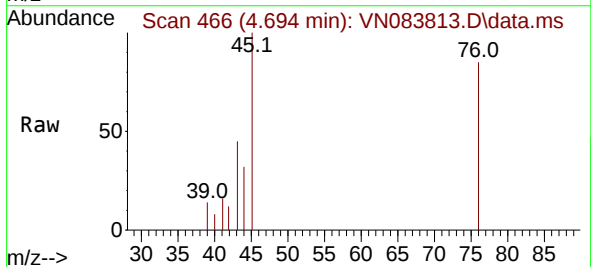
Acq: 11 Sep 2024 22:21

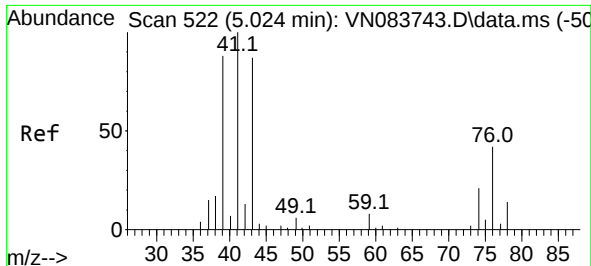
Tgt Ion: 76 Resp: 3844

Ion Ratio Lower Upper

76 100

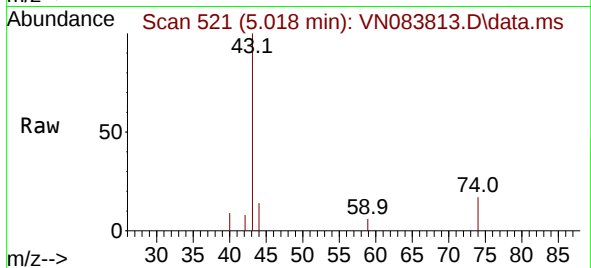
78 0.0 7.1 10.7#



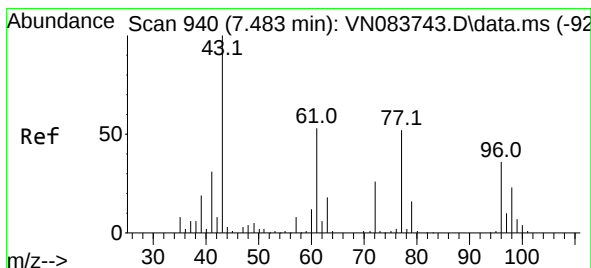
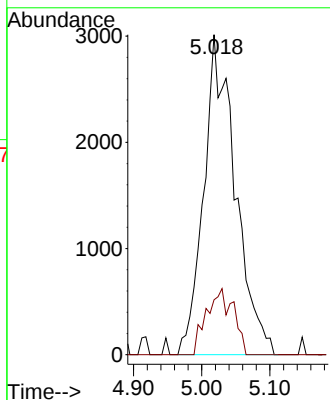
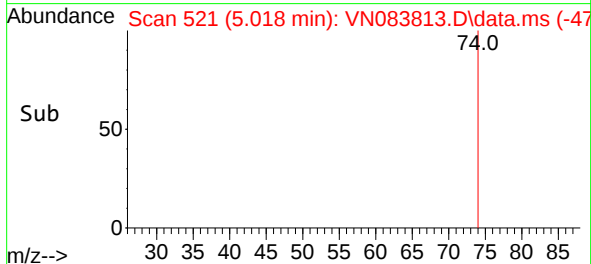


#18  
Methyl Acetate  
Concen: 4.974 ug/l  
RT: 5.018 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Instrument :  
MSVOA\_N  
ClientSampleId :

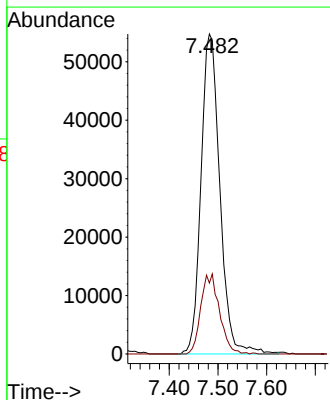
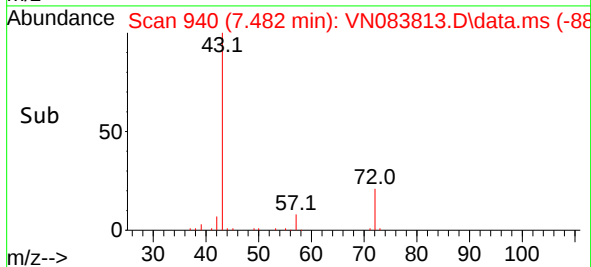
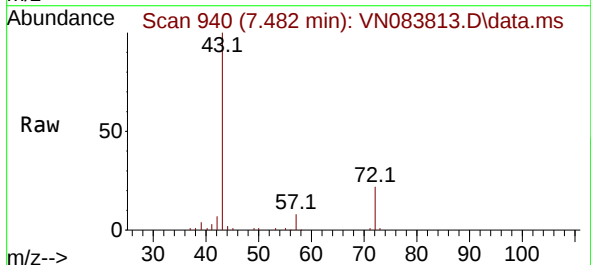


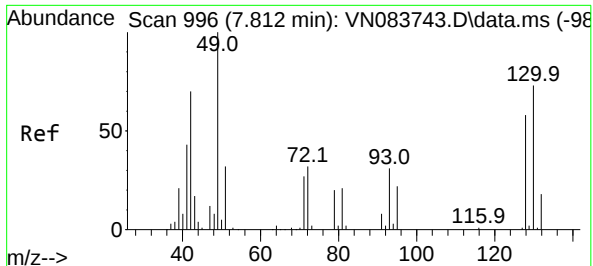
Tgt Ion: 43 Resp: 9688  
Ion Ratio Lower Upper  
43 100  
74 17.6 19.0 28.4#



#25  
2-Butanone  
Concen: 159.857 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Tgt Ion: 43 Resp: 147026  
Ion Ratio Lower Upper  
43 100  
72 22.1 20.8 31.2

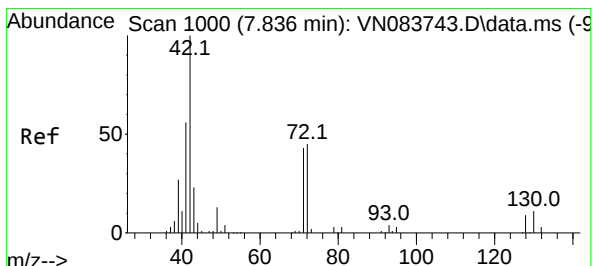
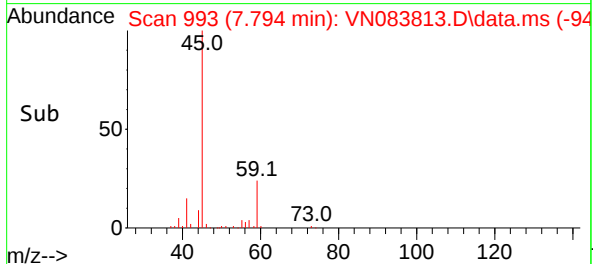
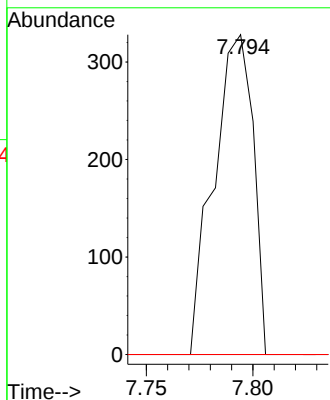
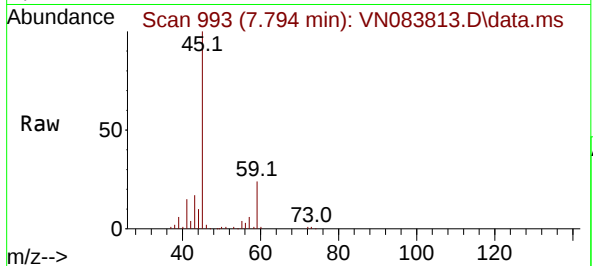




#28  
Bromochloromethane  
Concen: 0.380 ug/l  
RT: 7.794 min Scan# 993  
Delta R.T. -0.018 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

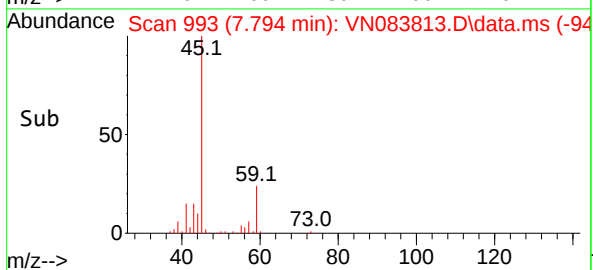
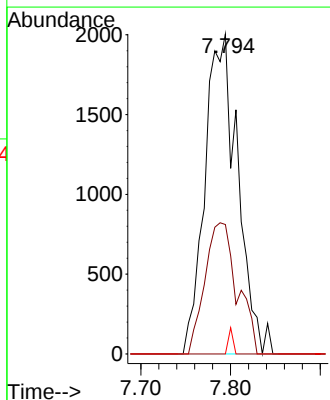
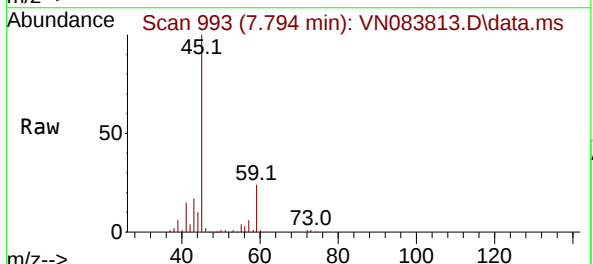
Instrument :  
MSVOA\_N  
ClientSampleId :

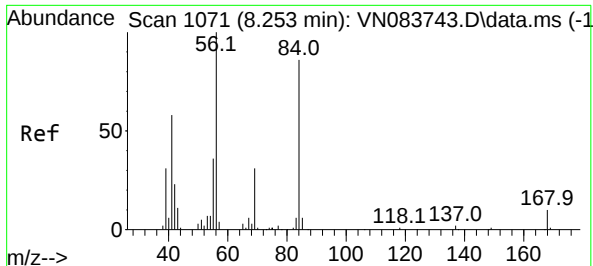
Tgt Ion: 49 Resp: 423  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.4  
130 0.0 60.2 90.2#



#29  
Tetrahydrofuran  
Concen: 9.343 ug/l  
RT: 7.794 min Scan# 993  
Delta R.T. -0.041 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

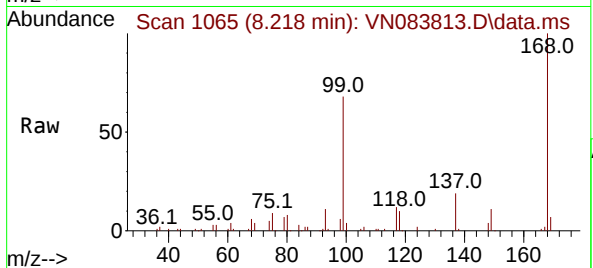
Tgt Ion: 42 Resp: 5081  
Ion Ratio Lower Upper  
42 100  
72 40.5 35.9 53.9  
71 1.1 33.9 50.9#



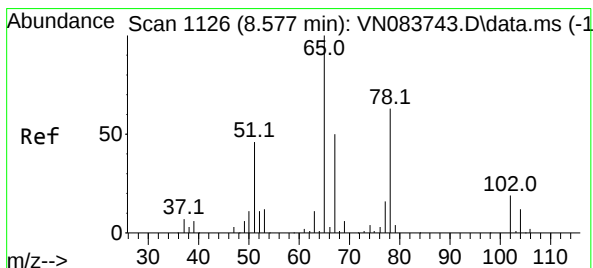
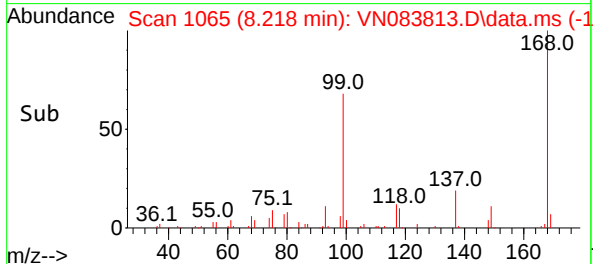
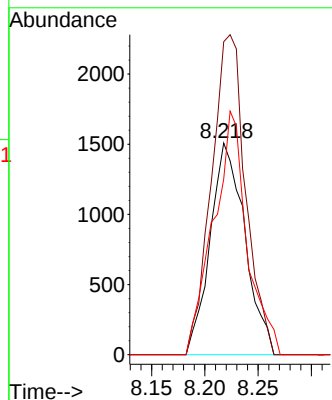


#31  
Cyclohexane  
Concen: 1.355 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.035 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Instrument :  
MSVOA\_N  
ClientSampleId :

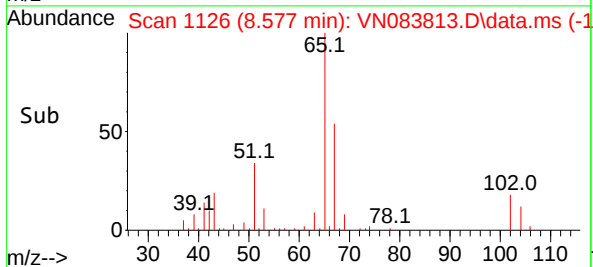
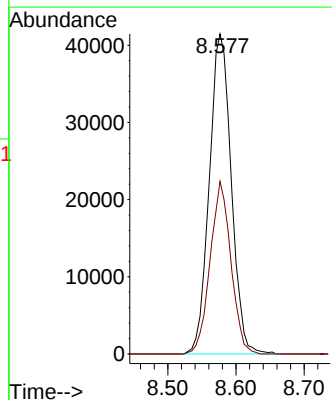
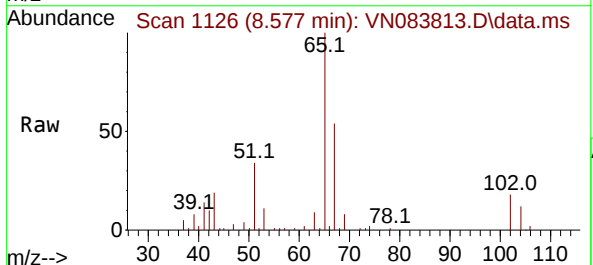


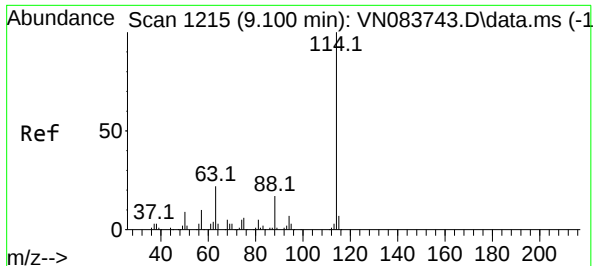
Tgt Ion: 56 Resp: 3419  
Ion Ratio Lower Upper  
56 100  
69 147.8 26.9 40.3#  
84 83.0 69.2 103.8



#33  
1,2-Dichloroethane-d4  
Concen: 53.295 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Tgt Ion: 65 Resp: 93032  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

Instrument :

MSVOA\_N

ClientSampleId :

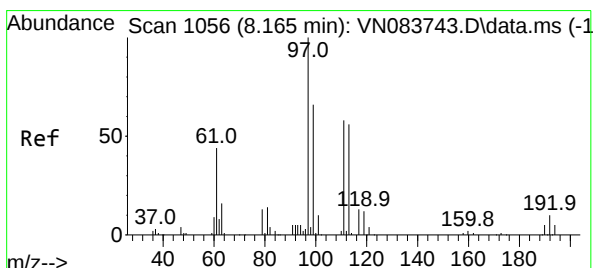
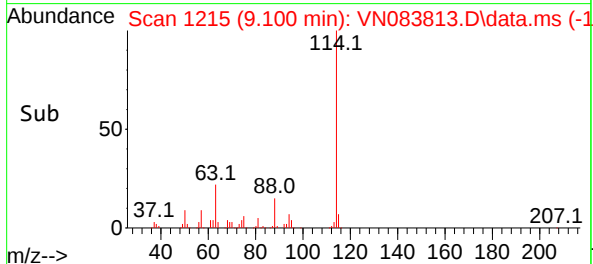
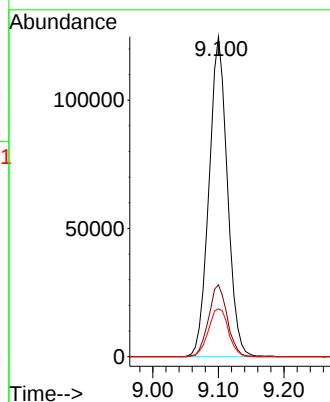
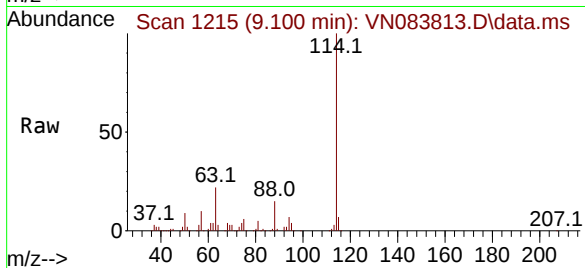
Tgt Ion:114 Resp: 243389

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.160 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

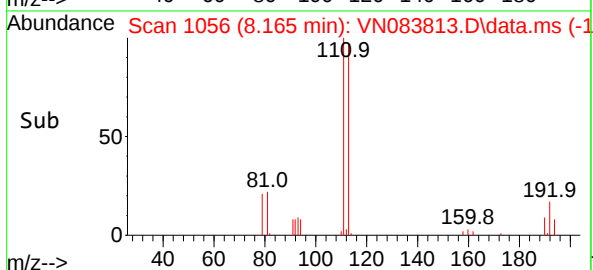
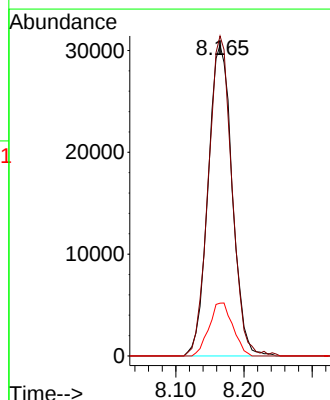
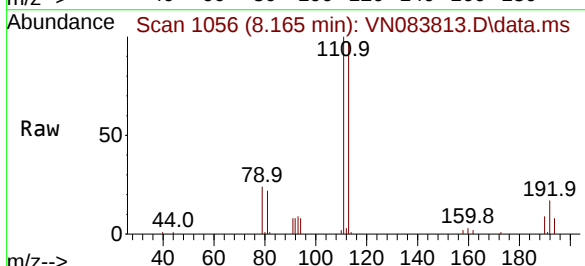
Tgt Ion:113 Resp: 75041

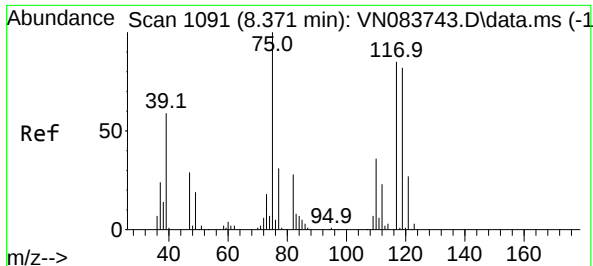
Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

192 16.8 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.628 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

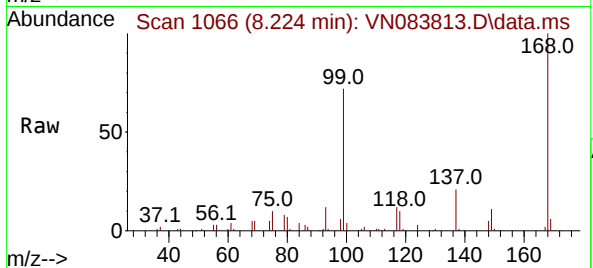
Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

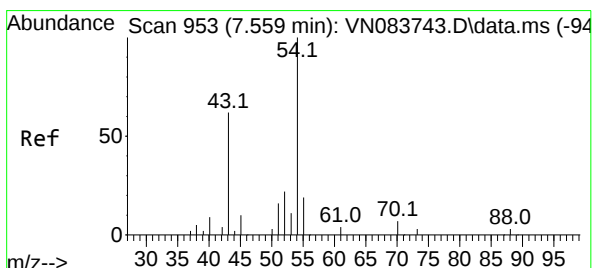
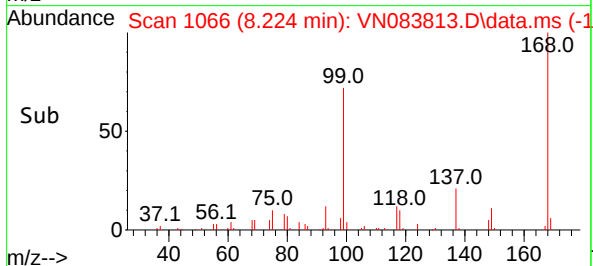
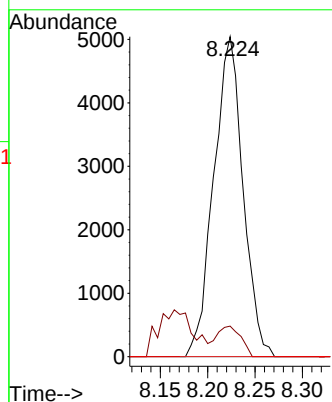
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 10853 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 8.0   | 16.7  | 50.1# |
| 77        | 0.0   | 25.2  | 37.8# |



#37

Ethyl Acetate

Concen: 69.066 ug/l

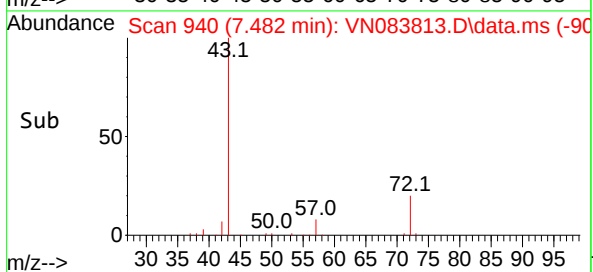
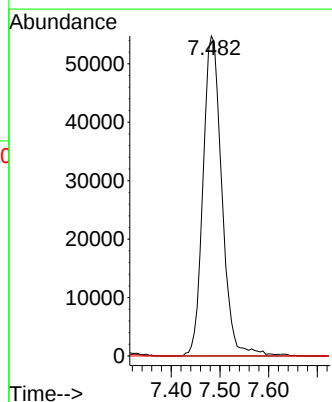
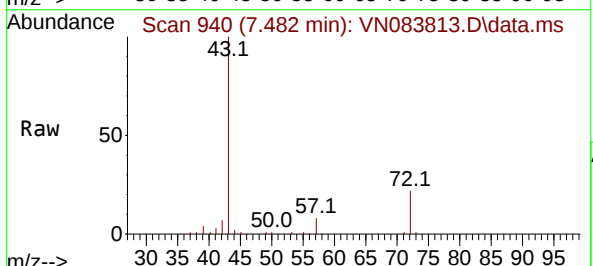
RT: 7.482 min Scan# 940

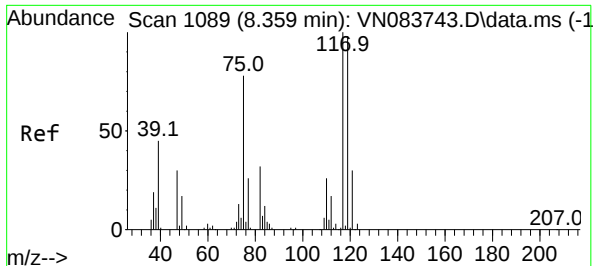
Delta R.T. -0.077 min

Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

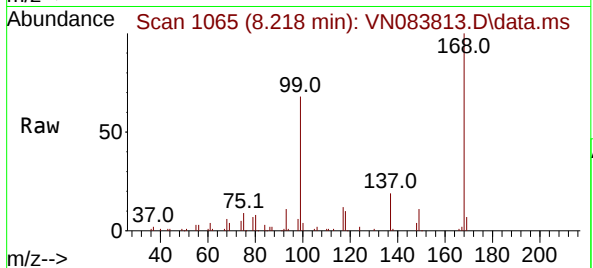
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 147026 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 0.0   | 11.1  | 16.7#  |
| 70        | 0.0   | 8.8   | 13.2#  |



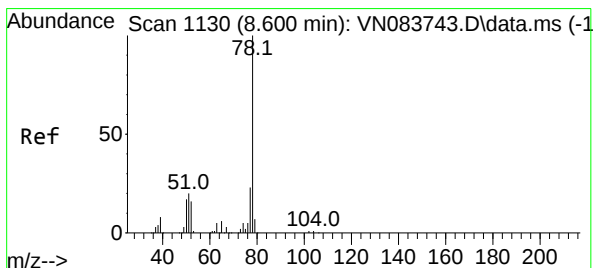
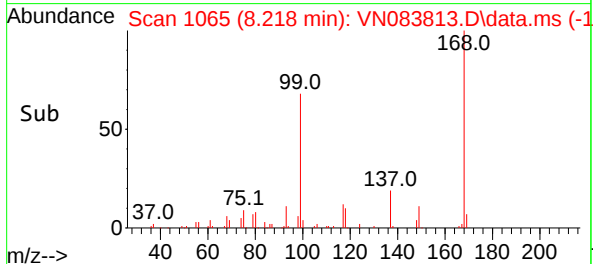
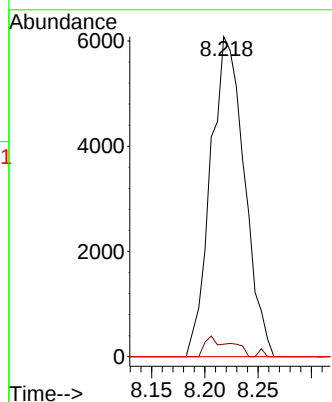


#38  
Carbon Tetrachloride  
Concen: 5.038 ug/l  
RT: 8.218 min Scan# 1105  
Delta R.T. -0.141 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Instrument :  
MSVOA\_N  
ClientSampleId :

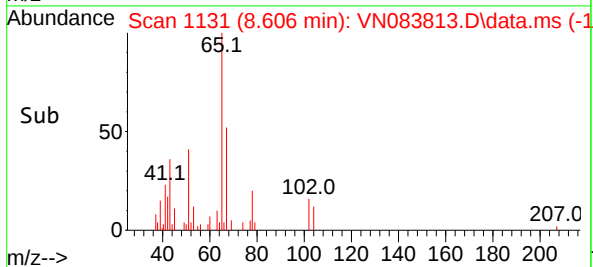
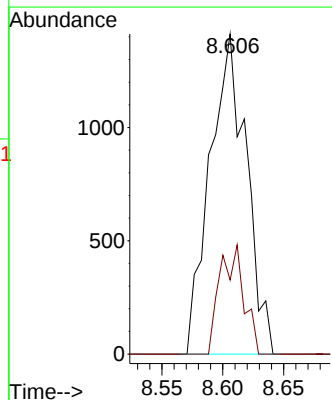
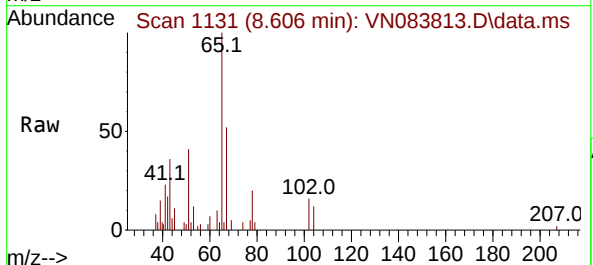


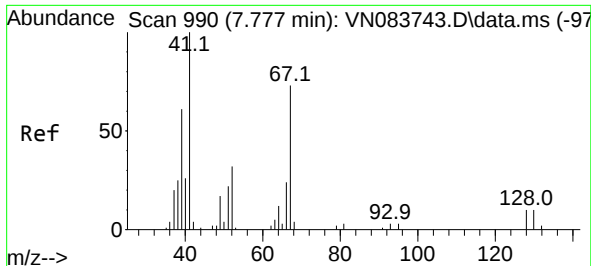
Tgt Ion:117 Resp: 13404  
Ion Ratio Lower Upper  
117 100  
119 3.9 76.1 114.1#  
121 0.0 24.1 36.1#



#40  
Benzene  
Concen: 0.416 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.006 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

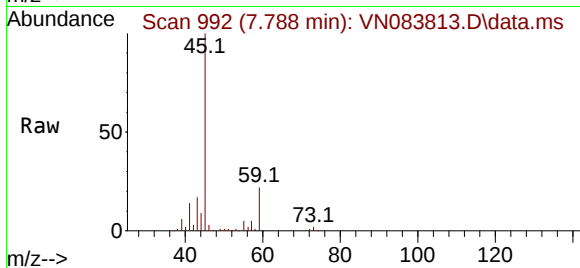
Tgt Ion: 78 Resp: 2939  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.0 28.6



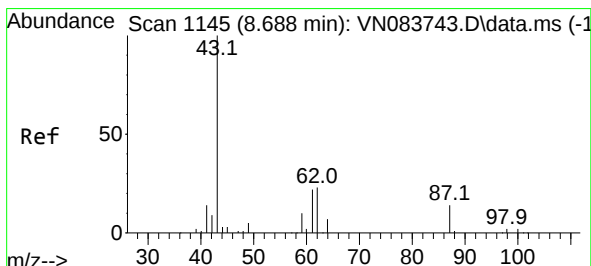
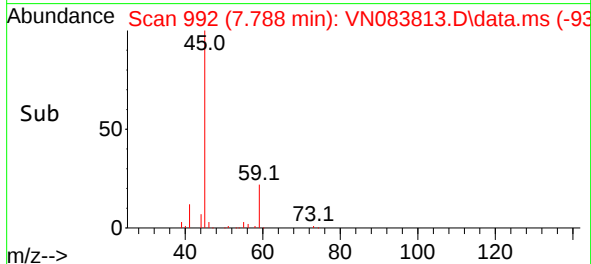
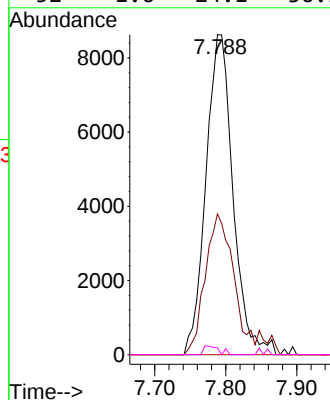


#41  
Methacrylonitrile  
Concen: 18.194 ug/l  
RT: 7.788 min Scan# 990  
Delta R.T. 0.012 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Instrument :  
MSVOA\_N  
ClientSampleId :

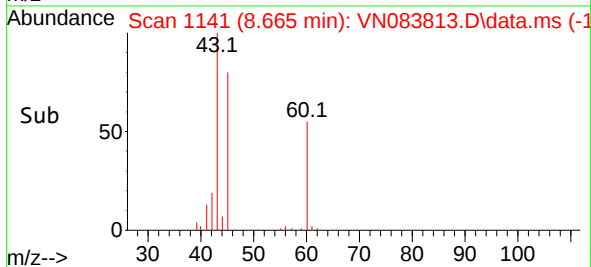
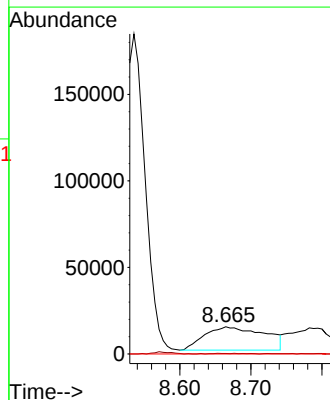
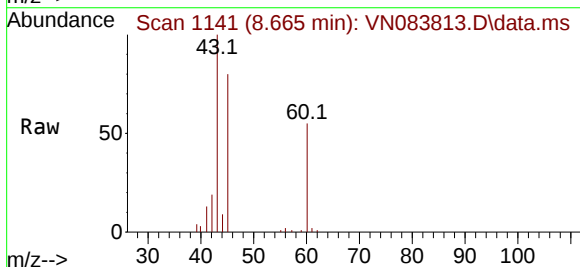


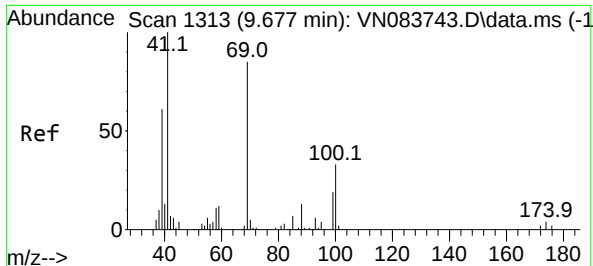
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 22907 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 45.9  | 45.4  | 68.2  |
| 67       | 0.0   | 55.9  | 83.9# |
| 52       | 1.6   | 24.1  | 36.1# |



#43  
Isopropyl Acetate  
Concen: 20.531 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.024 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 79202 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.7   | 19.4  | 29.0# |
| 87       | 0.0   | 9.8   | 14.6# |





#48

Methyl methacrylate

Concen: 20.818 ug/l

RT: 9.653 min Scan# 1309

Delta R.T. -0.024 min

Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

Instrument :

MSVOA\_N

ClientSampleId :

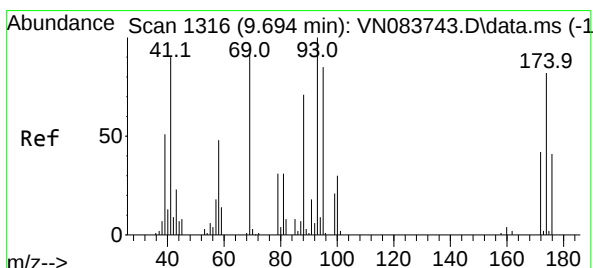
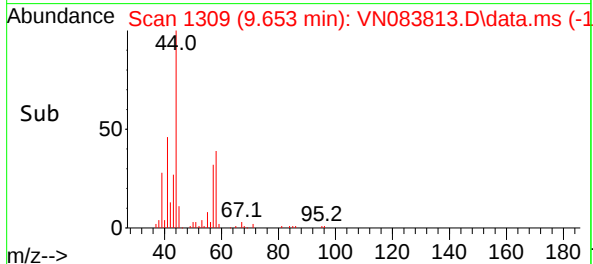
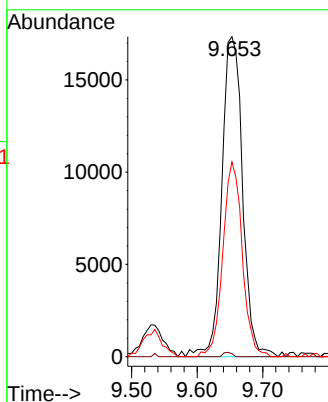
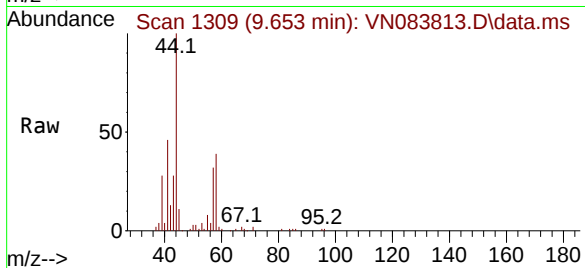
Tgt Ion: 41 Resp: 38101

Ion Ratio Lower Upper

41 100

69 0.6 64.3 96.5#

39 56.9 48.9 73.3



#49

1,4-Dioxane

Concen: 29.461 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

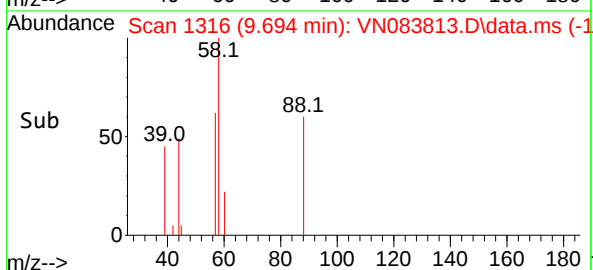
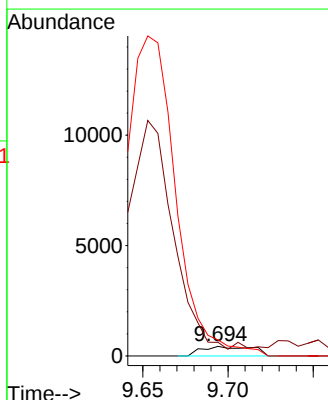
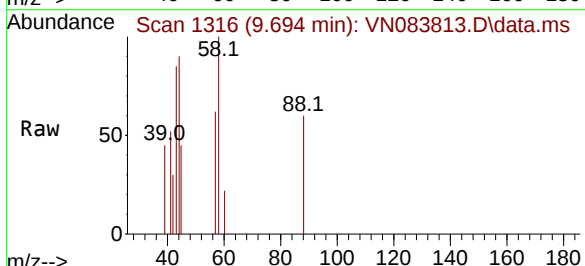
Tgt Ion: 88 Resp: 887

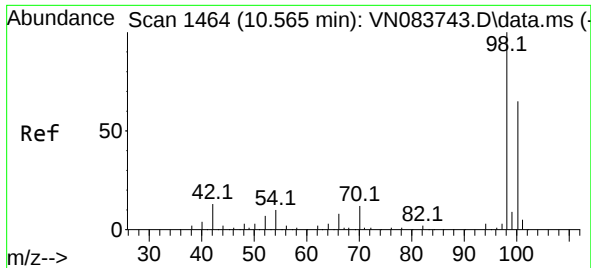
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 57.1 85.7#

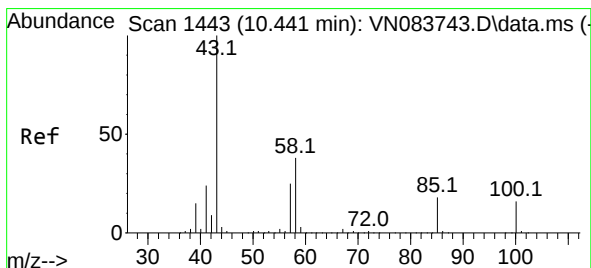
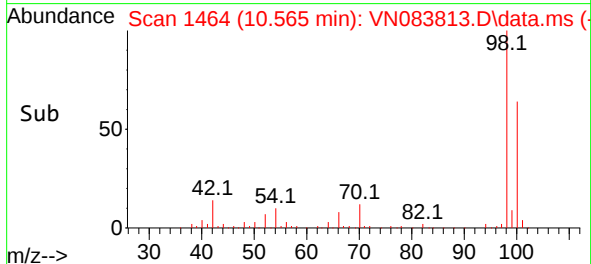
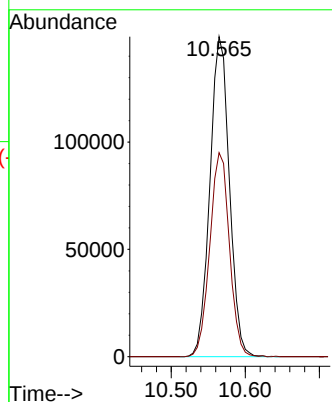
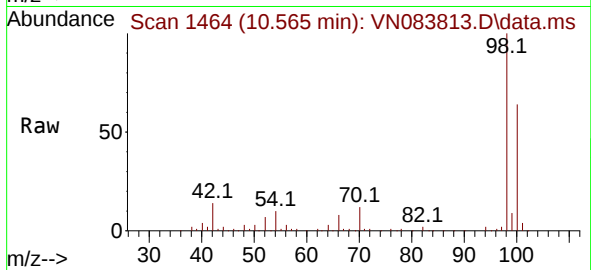




#50  
Toluene-d8  
Concen: 50.526 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

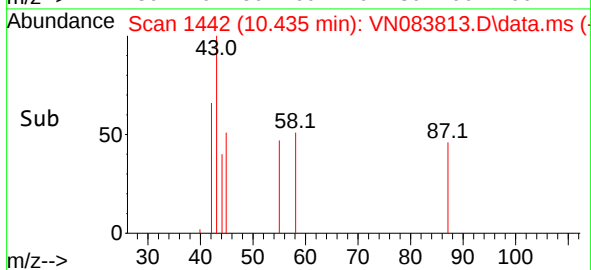
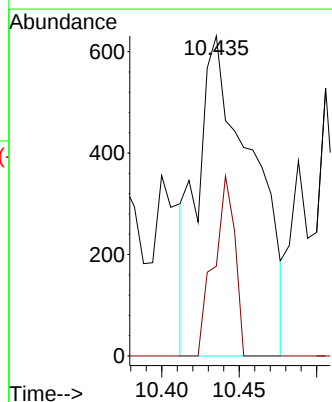
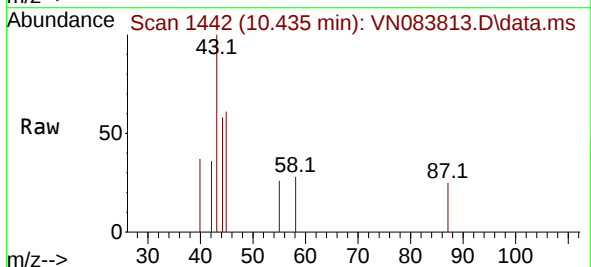
Instrument :  
MSVOA\_N  
ClientSampleId :

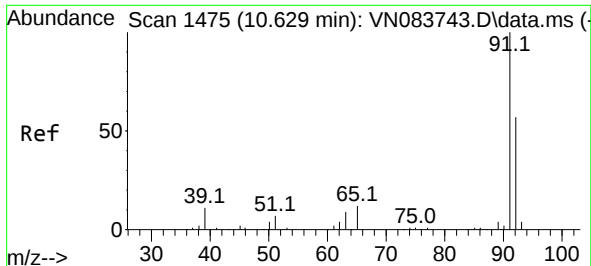
Tgt Ion: 98 Resp: 272163  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.0 78.0



#51  
4-Methyl-2-Pentanone  
Concen: 0.741 ug/l  
RT: 10.435 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Tgt Ion: 43 Resp: 1557  
Ion Ratio Lower Upper  
43 100  
58 21.4 31.6 47.4#

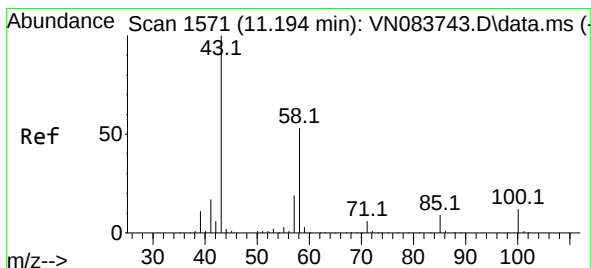
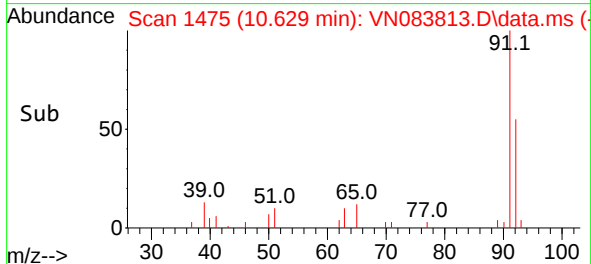
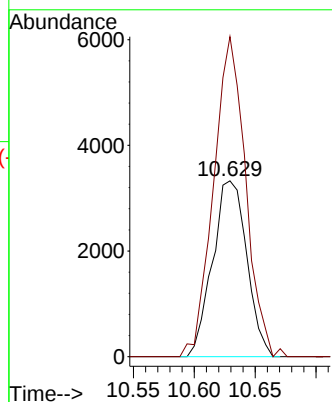
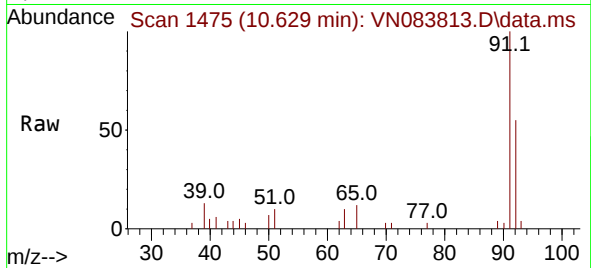




#52  
Toluene  
Concen: 1.507 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

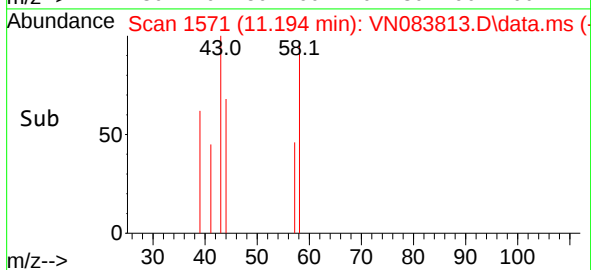
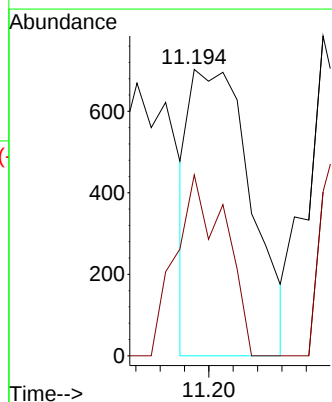
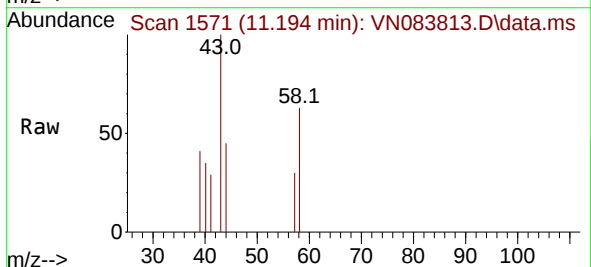
Instrument :  
MSVOA\_N  
ClientSampleId :

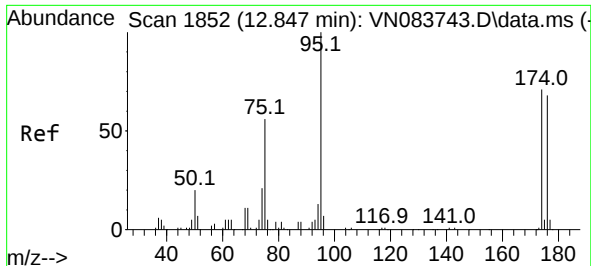
Tgt Ion: 92 Resp: 6505  
Ion Ratio Lower Upper  
92 100  
91 170.7 134.7 202.1



#59  
2-Hexanone  
Concen: 0.794 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Tgt Ion: 43 Resp: 1233  
Ion Ratio Lower Upper  
43 100  
58 51.0 27.2 81.5

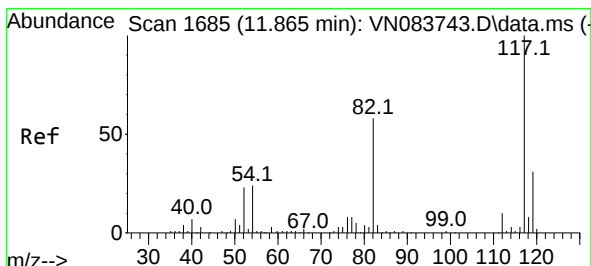
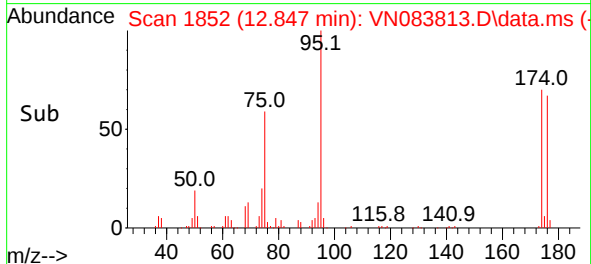
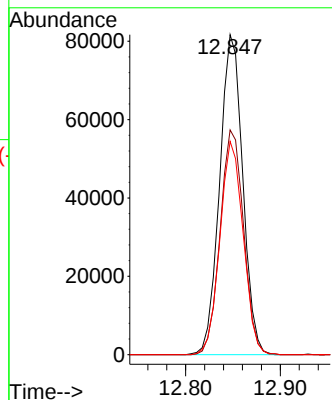
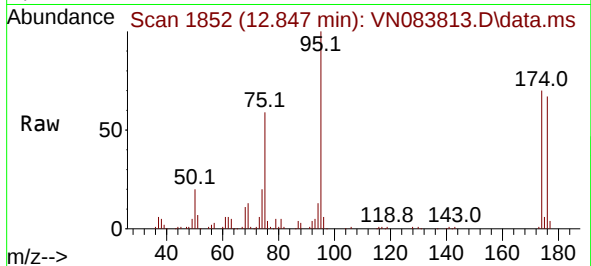




#62  
4-Bromofluorobenzene  
Concen: 62.280 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

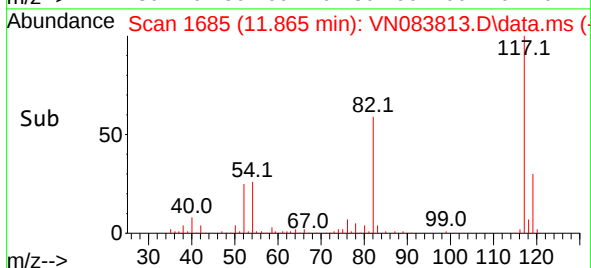
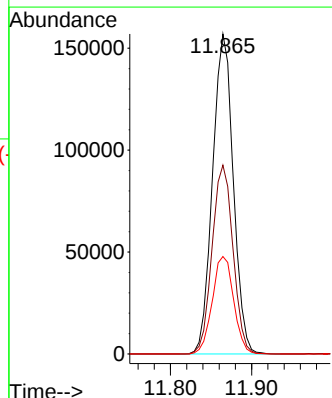
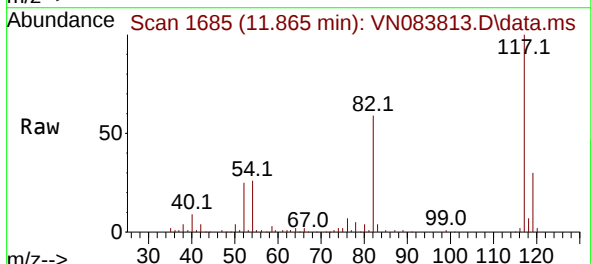
Instrument :  
MSVOA\_N  
ClientSampleId :

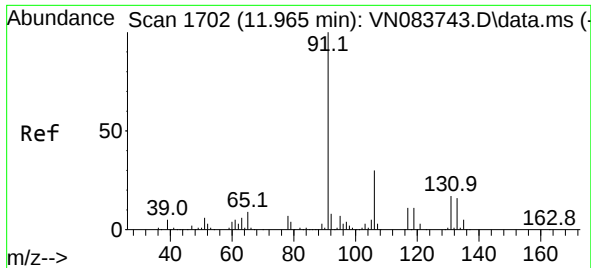
Tgt Ion: 95 Resp: 138410  
Ion Ratio Lower Upper  
95 100  
174 71.3 0.0 139.8  
176 67.2 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Tgt Ion: 117 Resp: 278249  
Ion Ratio Lower Upper  
117 100  
82 59.0 47.4 71.0  
119 30.5 26.3 39.5

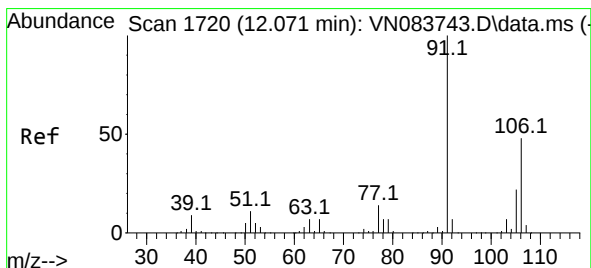
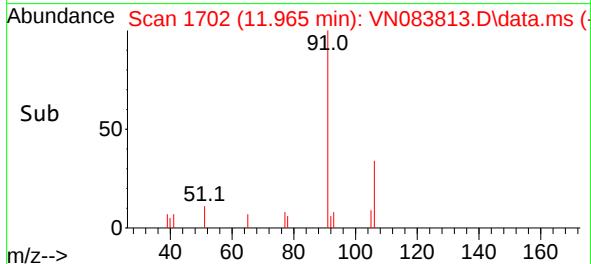
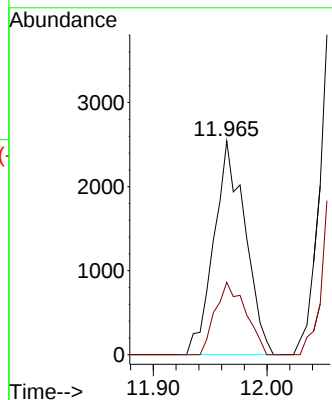
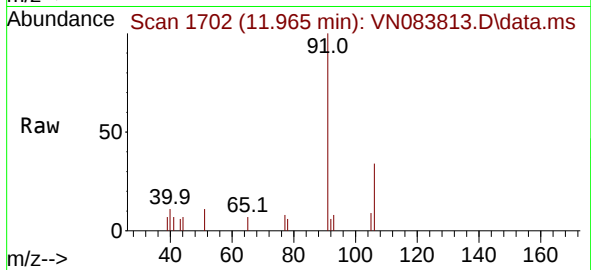




#67  
Ethyl Benzene  
Concen: 0.442 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

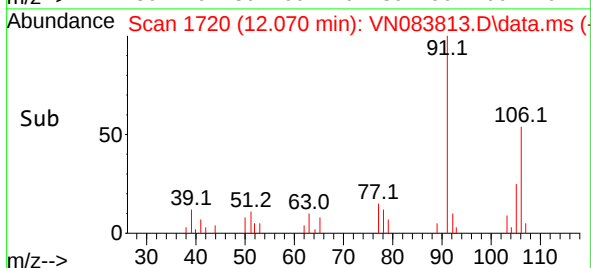
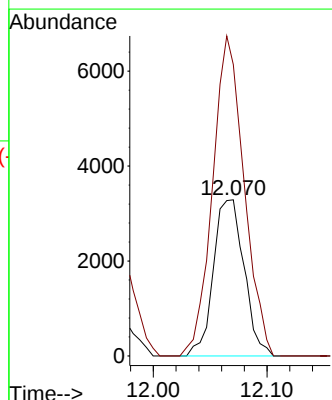
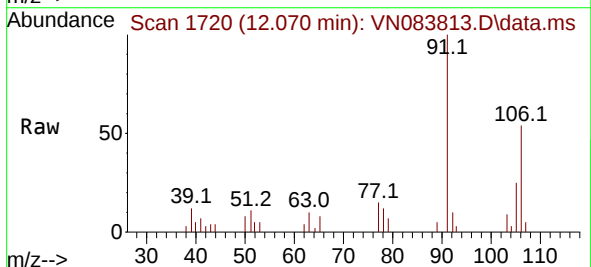
Instrument :  
MSVOA\_N  
ClientSampleId :

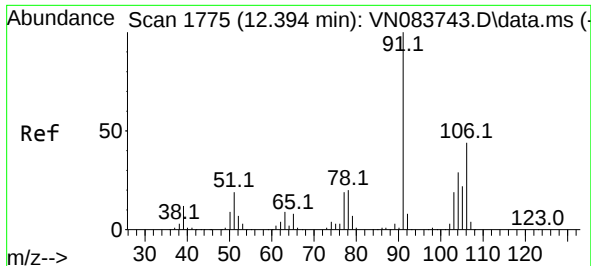
Tgt Ion: 91 Resp: 4855  
Ion Ratio Lower Upper  
91 100  
106 33.8 24.3 36.5



#68  
m/p-Xylenes  
Concen: 1.514 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Tgt Ion:106 Resp: 6176  
Ion Ratio Lower Upper  
106 100  
91 210.5 169.2 253.8

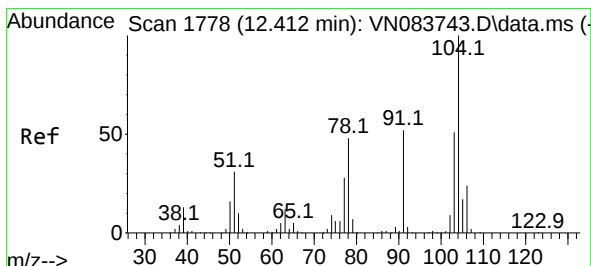
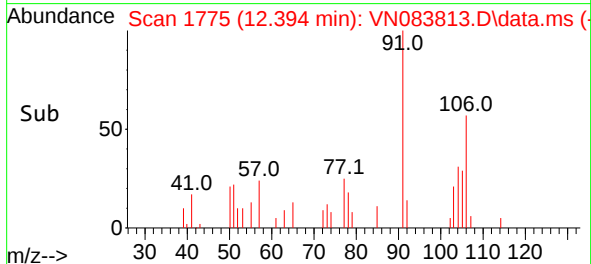
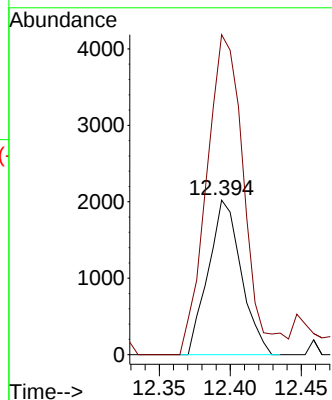
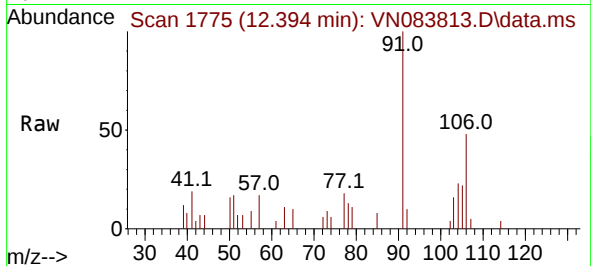




#69  
o-Xylene  
Concen: 0.822 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

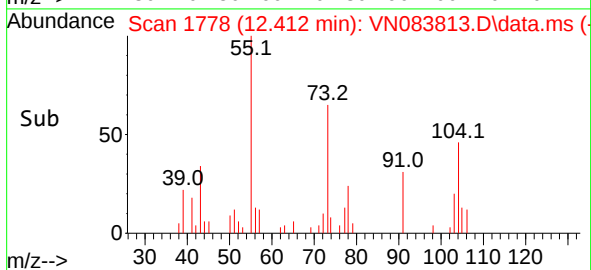
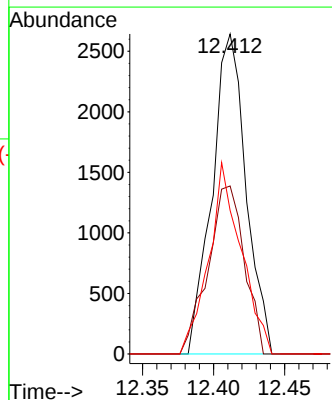
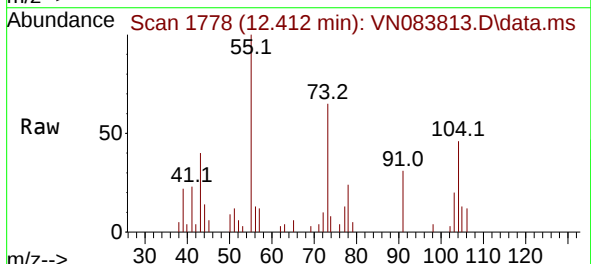
Instrument :  
MSVOA\_N  
ClientSampleId :

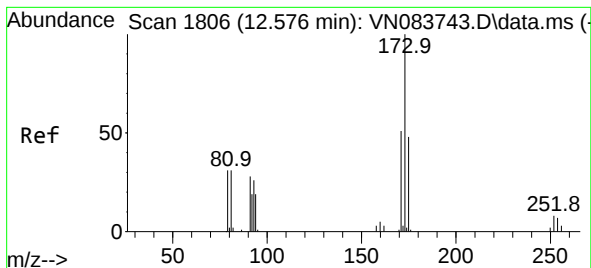
Tgt Ion:106 Resp: 3247  
Ion Ratio Lower Upper  
106 100  
91 230.9 112.9 338.6



#70  
Styrene  
Concen: 0.678 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN083813.D  
Acq: 11 Sep 2024 22:21

Tgt Ion:104 Resp: 4392  
Ion Ratio Lower Upper  
104 100  
78 56.1 43.3 64.9  
103 57.0 43.4 65.2





#71

Bromoform

Concen: 0.453 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

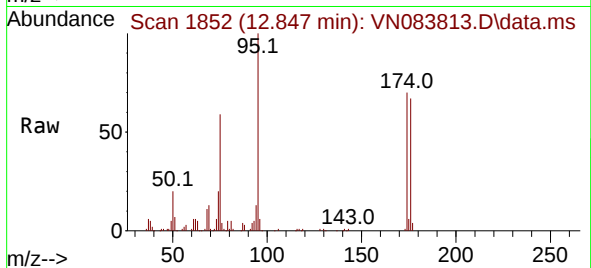
Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

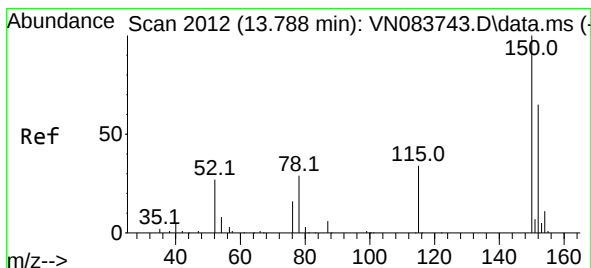
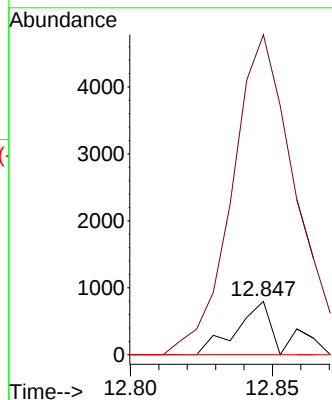
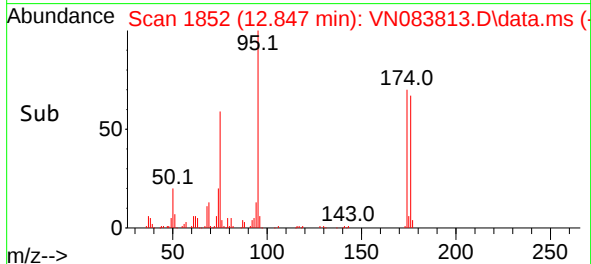
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 654   |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 884.1 | 24.1  | 72.2# |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

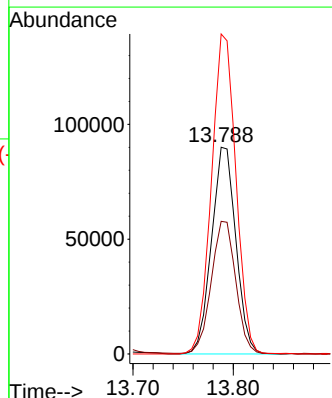
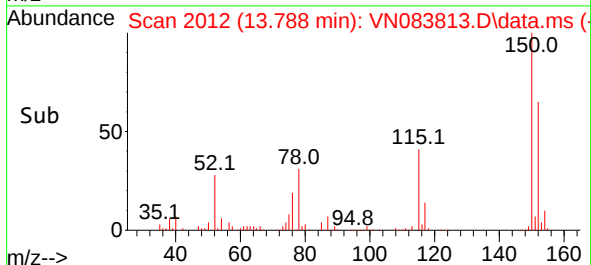
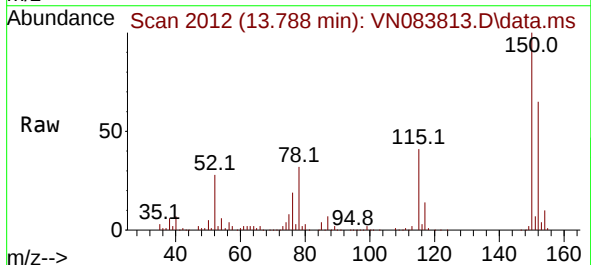
RT: 13.788 min Scan# 1202

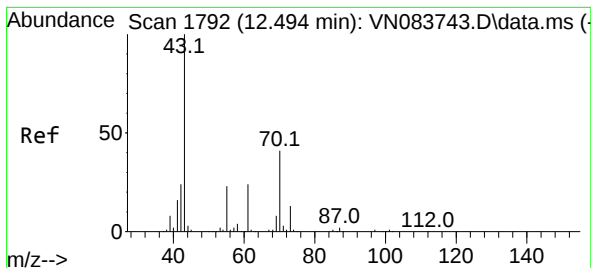
Delta R.T. -0.000 min

Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 152130 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 64.8  | 32.2  | 96.6   |
| 150       | 155.2 | 0.0   | 348.6  |





#74

N-amy1 acetate

Concen: 0.940 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.035 min

Lab File: VN083813.D

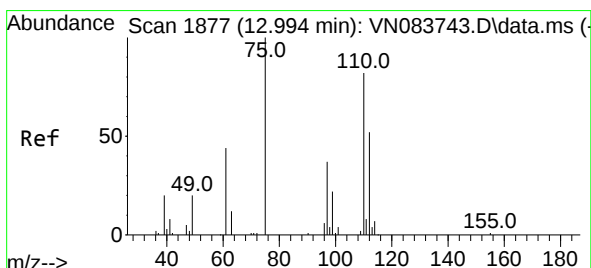
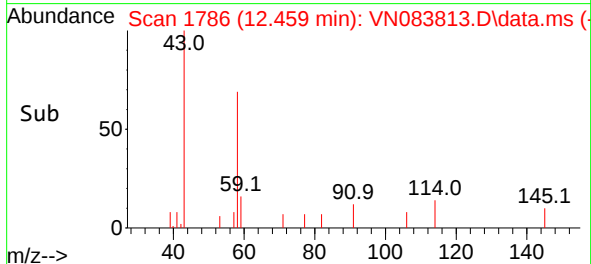
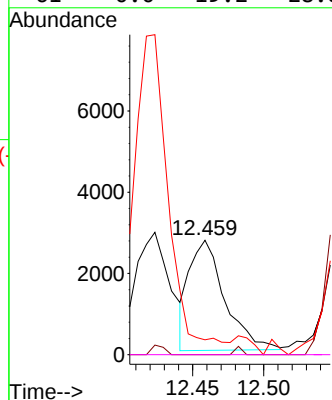
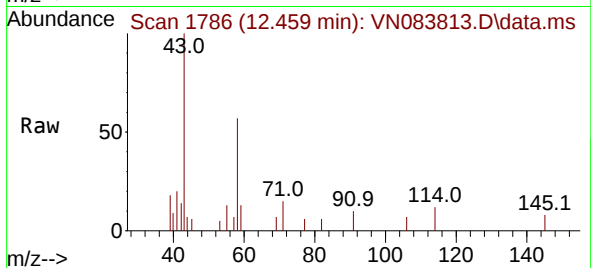
Acq: 11 Sep 2024 22:21

Instrument :

MSVOA\_N

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 4720     |
| 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# |



#76

1,2,3-Trichloropropane

Concen: 25.933 ug/l

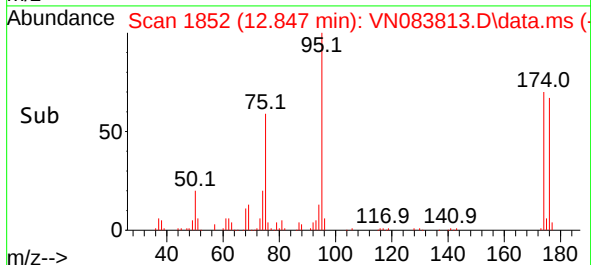
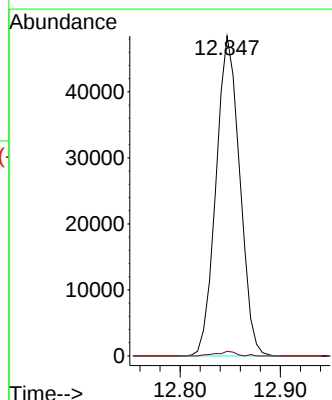
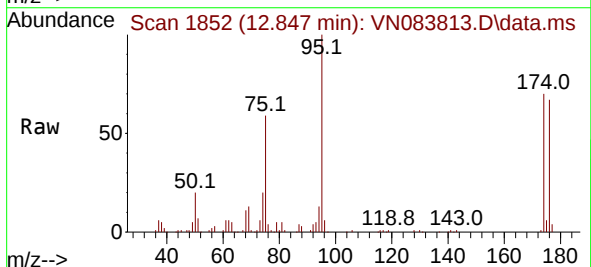
RT: 12.847 min Scan# 1852

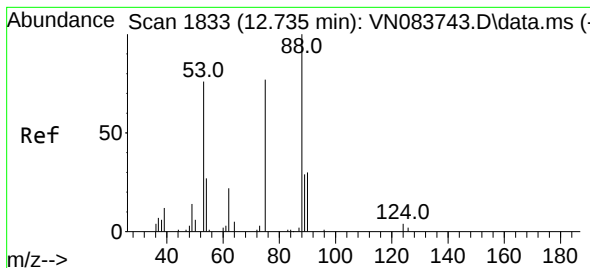
Delta R.T. -0.147 min

Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

|             |                 |
|-------------|-----------------|
| Tgt Ion: 75 | Resp: 79605     |
| Ion Ratio   | Lower Upper     |
| 75          | 100             |
| 77          | 1.1 95.2 285.6# |

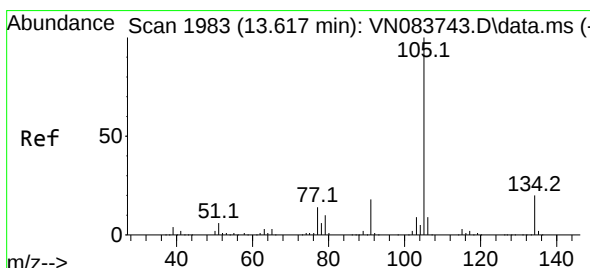
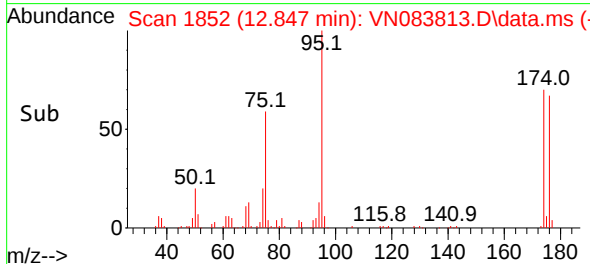
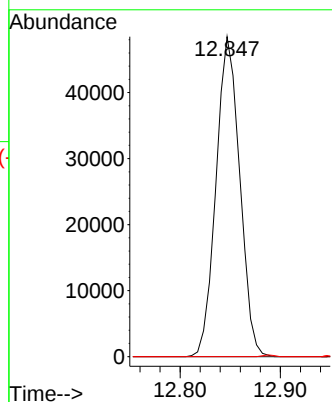
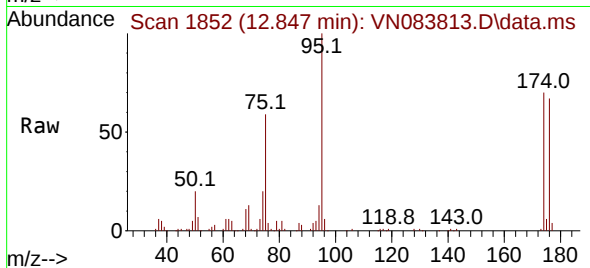




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 67.920 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. 0.112 min  
 Lab File: VN083813.D  
 Acq: 11 Sep 2024 22:21

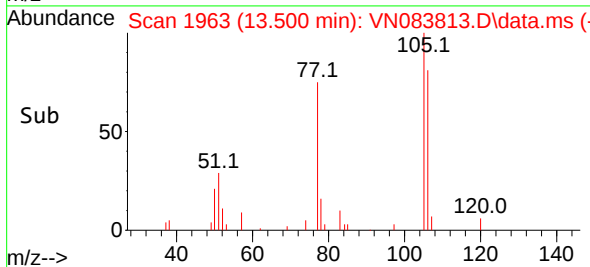
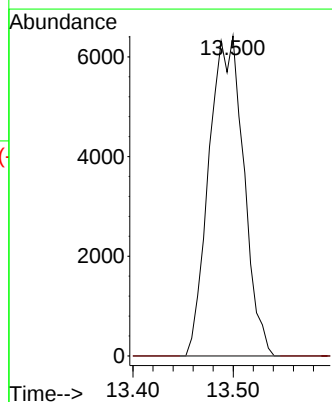
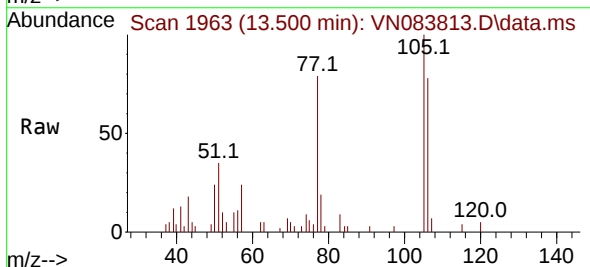
Instrument :  
 MSVOA\_N  
 ClientSampleId :

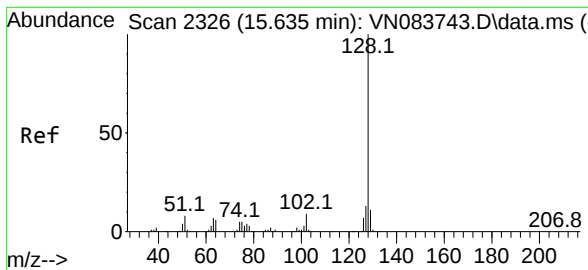
Tgt Ion: 75 Resp: 79605  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 81.2 121.8#  
 89 0.0 35.7 53.5#



#85  
 sec-Butylbenzene  
 Concen: 1.343 ug/l  
 RT: 13.500 min Scan# 1963  
 Delta R.T. -0.118 min  
 Lab File: VN083813.D  
 Acq: 11 Sep 2024 22:21

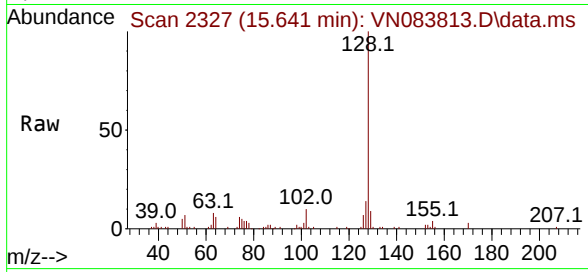
Tgt Ion: 105 Resp: 15461  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 9.7 29.1#





#95  
 Naphthalene  
 Concen: 9.895 ug/l  
 RT: 15.641 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN083813.D  
 Acq: 11 Sep 2024 22:21

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 83357 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.8  | 10.2  | 15.2  |
| 129       | 11.5  | 8.7   | 13.1  |

