

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061024\  
 Data File : VX041817.D  
 Acq On : 10 Jun 2024 17:51  
 Operator : JC/MD  
 Sample : P2767-03DL 4X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 11 05:53:48 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X052924W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 30 07:36:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 140577   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 216230   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 217143   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 111982   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 83415    | 48.381   | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =     | 96.760%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 68392    | 45.747   | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =     | 91.500%  |
| 50) Toluene-d8                | 8.647  | 98    | 263018   | 50.351   | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =     | 100.700% |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 101188   | 52.484   | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =     | 104.960% |
| Target Compounds              |        |       |          |          |       |          |
|                               |        |       |          |          |       | Qvalue   |
| 5) Bromomethane               | 1.605  | 94    | 194      | 0.201    | ug/l  | # 3      |
| 11) Tert butyl alcohol        | 2.941  | 59    | 2000     | 6.557    | ug/l  | # 78     |
| 13) Acrolein                  | 2.203  | 56    | 414      | 1.458    | ug/l  | # 1      |
| 14) Allyl chloride            | 2.703  | 41    | 2304     | 1.118    | ug/l  | # 72     |
| 15) Acrylonitrile             | 3.087  | 53    | 1388     | 1.856    | ug/l  | # 38     |
| 16) Acetone                   | 2.392  | 43    | 4084     | 2.706    | ug/l  | # 99     |
| 18) Methyl Acetate            | 2.697  | 43    | 1560     | 0.948    | ug/l  | # 53     |
| 20) Methylene Chloride        | 2.782  | 84    | 2399     | 1.555    | ug/l  | # 82     |
| 25) 2-Butanone                | 4.599  | 43    | 527      | 0.492    | ug/l  | # 51     |
| 26) 2,2-Dichloropropane       | 4.282  | 77    | 981      | 0.502    | ug/l  | # 54     |
| 31) Cyclohexane               | 5.465  | 56    | 50040    | 24.583   | ug/l  | # 92     |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 9097     | 5.025    | ug/l  | # 51     |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 12398    | 6.028    | ug/l  | # 15     |
| 39) Methylcyclohexane         | 7.379  | 83    | 51106    | 22.980   | ug/l  | # 94     |
| 43) Isopropyl Acetate         | 6.355  | 43    | 1412     | 0.409    | ug/l  | # 62     |
| 45) 1,2-Dichloropropane       | 7.367  | 63    | 647      | 0.481    | ug/l  | # 1      |
| 48) Methyl methacrylate       | 7.653  | 41    | 3164     | 1.910    | ug/l  | # 58     |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43    | 1312     | 0.587    | ug/l  | # 85     |
| 52) Toluene                   | 8.720  | 92    | 21637    | 6.026    | ug/l  | # 99     |
| 55) 1,1,2-Trichloroethane     | 9.104  | 97    | 2471     | 1.707    | ug/l  | # 21     |
| 56) Ethyl methacrylate        | 9.092  | 69    | 724      | 0.328    | ug/l  | # 1      |
| 59) 2-Hexanone                | 9.458  | 43    | 579      | 0.340    | ug/l  | # 59     |
| 67) Ethyl Benzene             | 10.195 | 91    | 96034    | 12.931   | ug/l  | # 99     |
| 68) m/p-Xylenes               | 10.299 | 106   | 225429   | 76.300   | ug/l  | # 95     |
| 69) o-Xylene                  | 10.640 | 106   | 110828   | 37.707   | ug/l  | # 96     |
| 70) Styrene                   | 10.640 | 104   | 5972     | 1.230    | ug/l  | # 1      |
| 73) Isopropylbenzene          | 10.964 | 105   | 34001    | 4.895    | ug/l  | # 98     |
| 76) 1,2,3-Trichloropropane    | 11.378 | 75    | 2339     | 1.197    | ug/l  | # 1      |
| 78) n-propylbenzene           | 11.305 | 91    | 62367    | 8.177    | ug/l  | # 99     |
| 79) 2-Chlorotoluene           | 11.378 | 91    | 32462    | 6.621    | ug/l  | # 42     |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105   | 70880    | 12.221   | ug/l  | # 97     |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 50564    | 70.533   | ug/l  | # 5      |
| 82) 4-Chlorotoluene           | 11.451 | 91    | 7966     | 1.428    | ug/l  | # 46     |
| 83) tert-Butylbenzene         | 11.750 | 119   | 44510    | 7.125    | ug/l  | # 69     |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105   | 348222   | 59.261   | ug/l  | # 93     |
| 85) sec-Butylbenzene          | 11.750 | 105   | 348222   | 48.619   | ug/l  | # 57     |

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Sample : P2767-03DL 4X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jun 11 05:53:48 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X052924W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 30 07:36:24 2024  
Response via : Initial Calibration

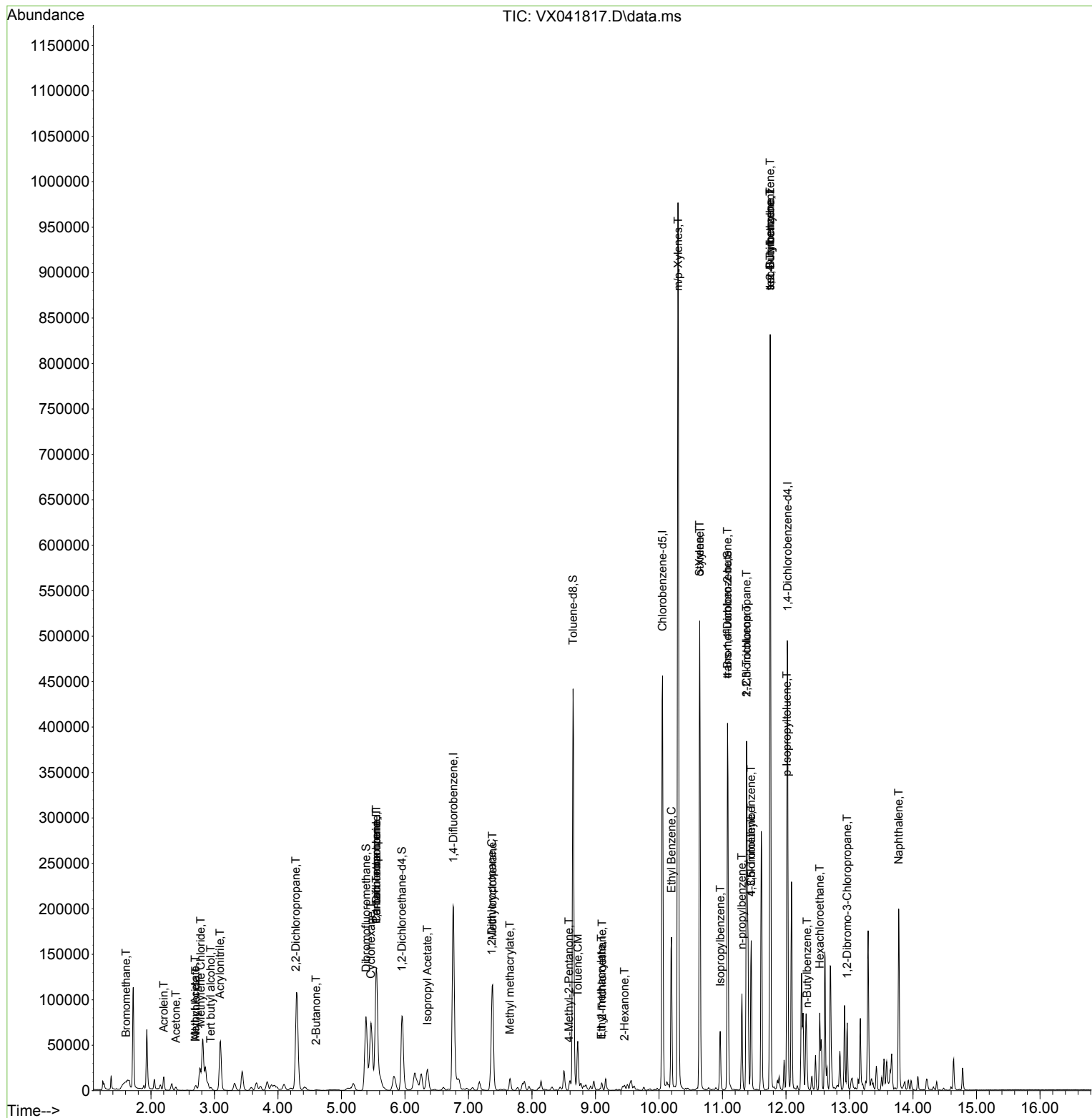
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 86) p-Isopropyltoluene        | 12.012 | 119  | 5520     | 0.879  | ug/l   | 95       |
| 89) n-Butylbenzene            | 12.329 | 91   | 12919    | 2.598  | ug/l # | 25       |
| 90) Hexachloroethane          | 12.530 | 117  | 5894     | 5.517  | ug/l # | 17       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.963 | 75   | 241      | 0.484  | ug/l # | 9        |
| 95) Naphthalene               | 13.774 | 128  | 127089   | 17.520 | ug/l   | 100      |

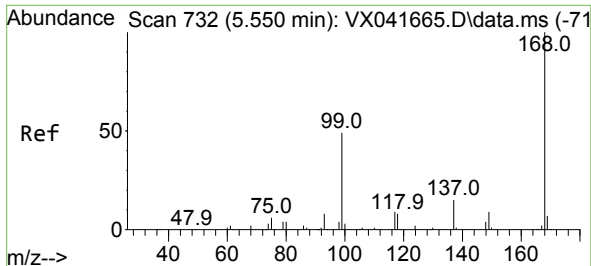
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P2767-03DL 4X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

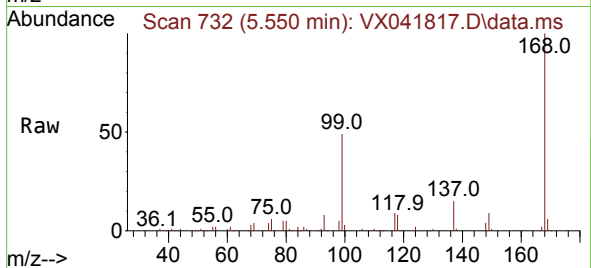
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X052924W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 30 07:36:24 2024  
Response via : Initial Calibration



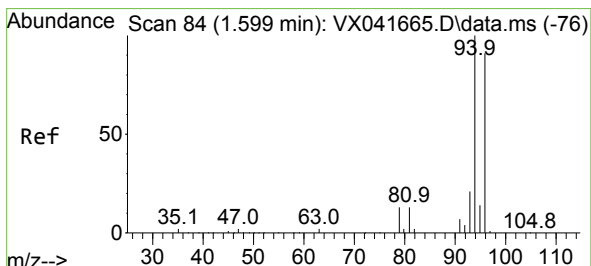
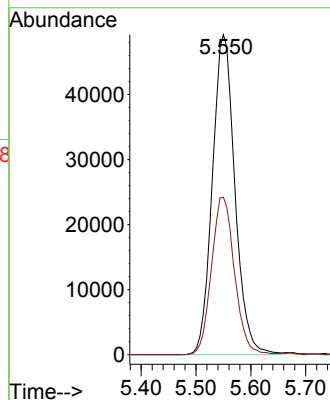
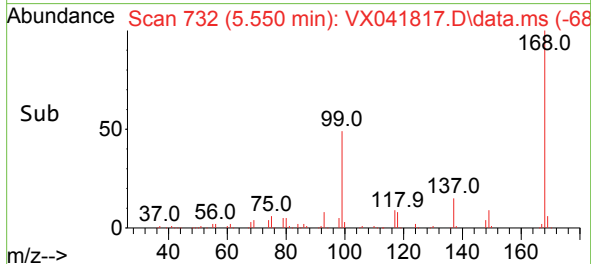


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

Instrument :  
MSVOA\_X  
ClientSampleId :

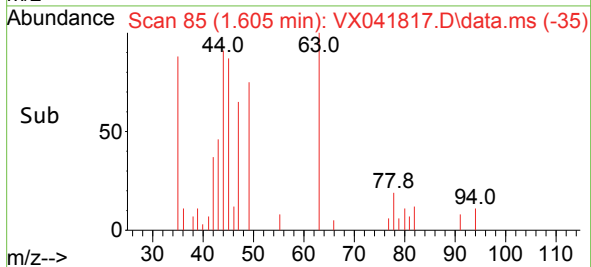
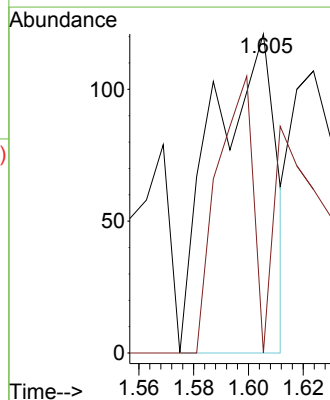
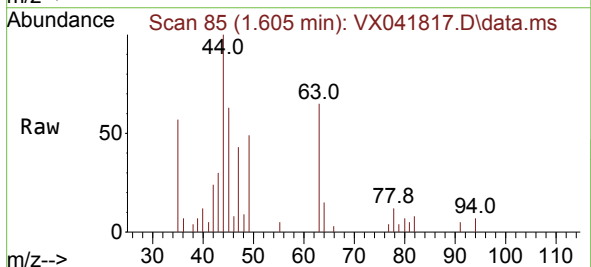


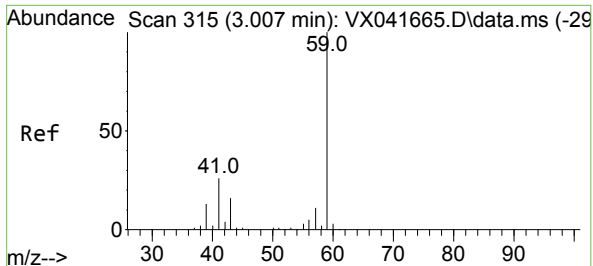
Tgt Ion:168 Resp: 140577  
Ion Ratio Lower Upper  
168 100  
99 49.2 56.6 85.0#



#5  
Bromomethane  
Concen: 0.201 ug/l  
RT: 1.605 min Scan# 85  
Delta R.T. 0.006 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

Tgt Ion: 94 Resp: 194  
Ion Ratio Lower Upper  
94 100  
96 0.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 6.557 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.067 min

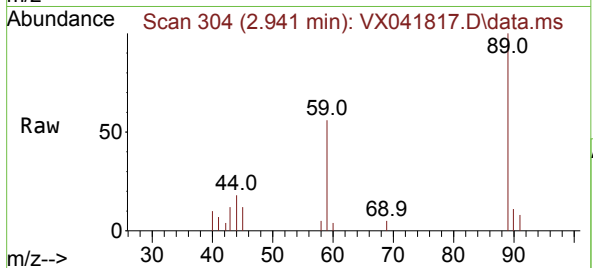
Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Instrument :

MSVOA\_X

ClientSampleId :

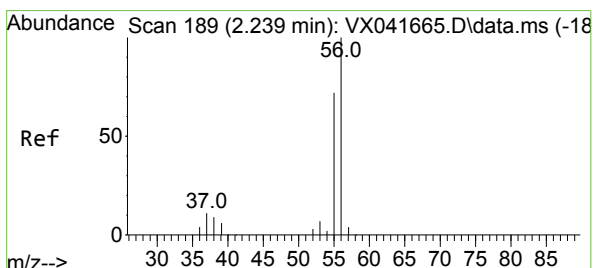
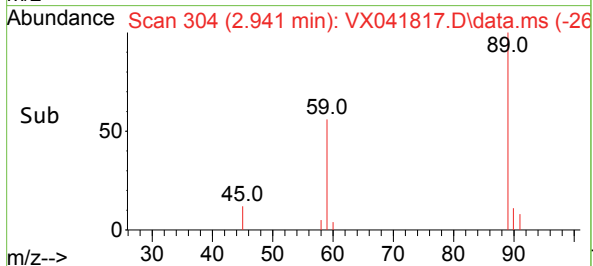
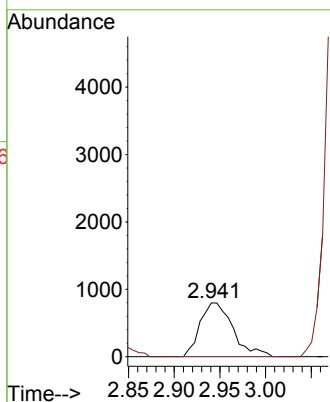


Tgt Ion: 59 Resp: 2000

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 1.458 ug/l

RT: 2.203 min Scan# 183

Delta R.T. -0.036 min

Lab File: VX041817.D

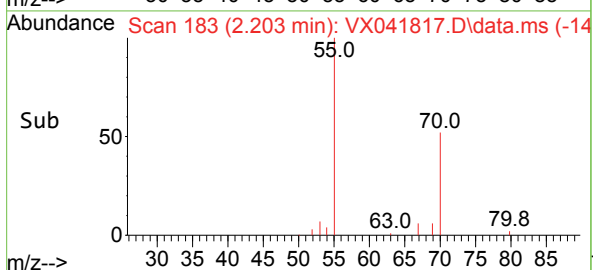
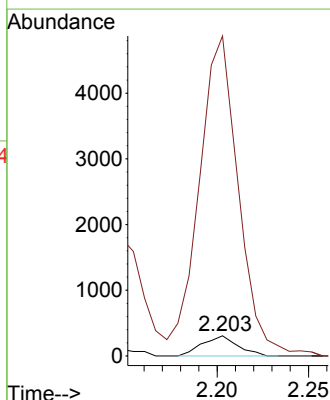
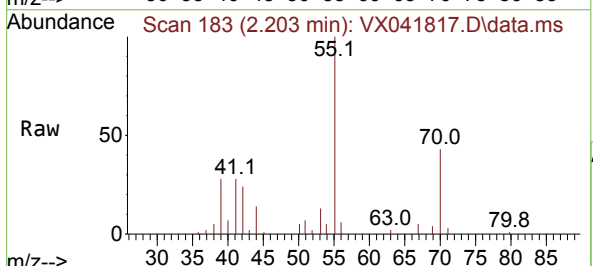
Acq: 10 Jun 2024 17:51

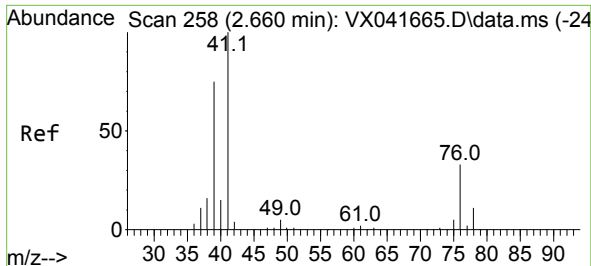
Tgt Ion: 56 Resp: 414

Ion Ratio Lower Upper

56 100

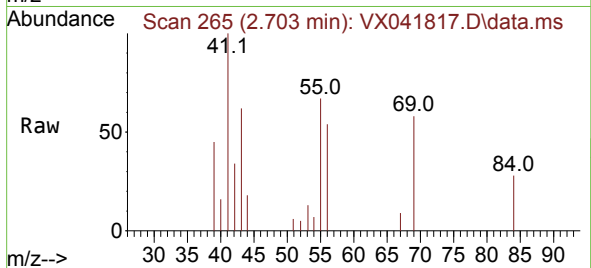
55 1762.3 57.1 85.7#



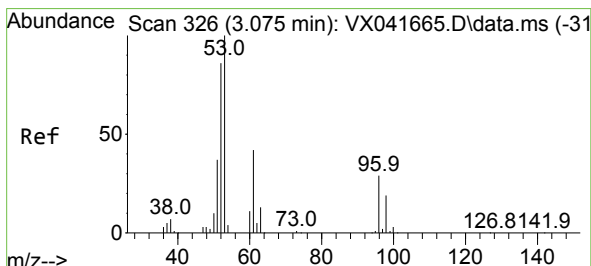
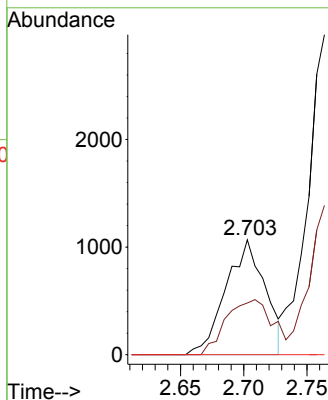
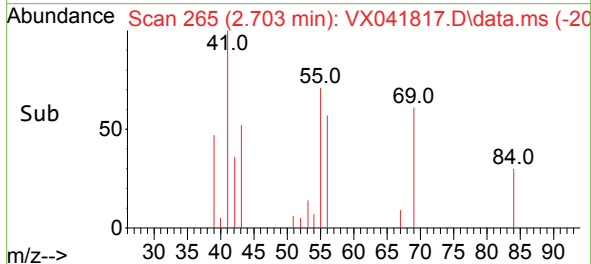


#14  
 Allyl chloride  
 Concen: 1.118 ug/l  
 RT: 2.703 min Scan# 204  
 Delta R.T. 0.043 min  
 Lab File: VX041817.D  
 Acq: 10 Jun 2024 17:51

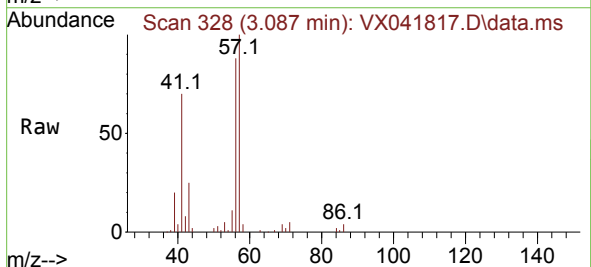
Instrument :  
 MSVOA\_X  
 ClientSampleId :



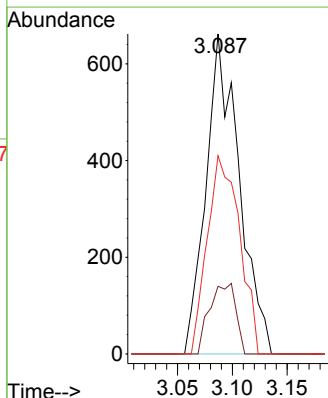
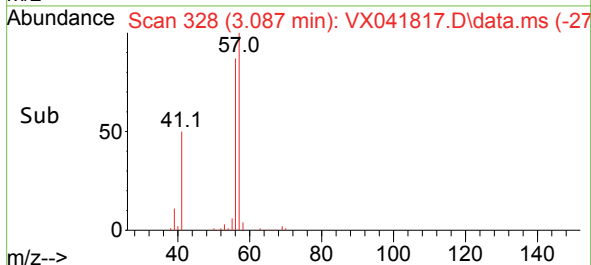
Tgt Ion: 41 Resp: 2304  
 Ion Ratio Lower Upper  
 41 100  
 39 57.0 55.8 83.6  
 76 0.0 24.3 36.5#

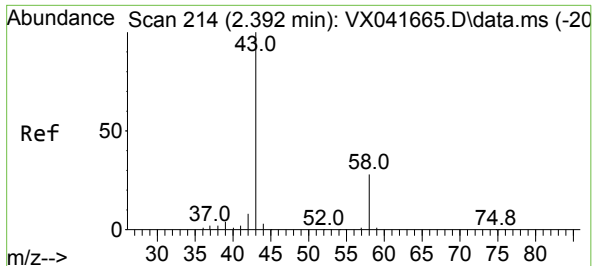


#15  
 Acrylonitrile  
 Concen: 1.856 ug/l  
 RT: 3.087 min Scan# 328  
 Delta R.T. 0.012 min  
 Lab File: VX041817.D  
 Acq: 10 Jun 2024 17:51



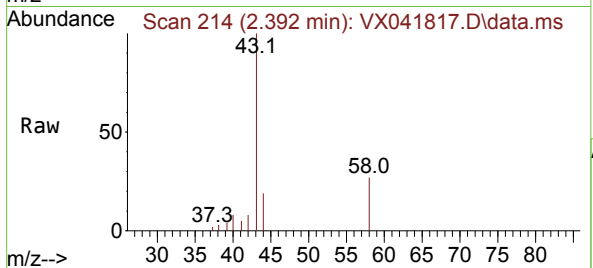
Tgt Ion: 53 Resp: 1388  
 Ion Ratio Lower Upper  
 53 100  
 52 17.4 66.0 99.0#  
 51 60.5 29.8 44.6#



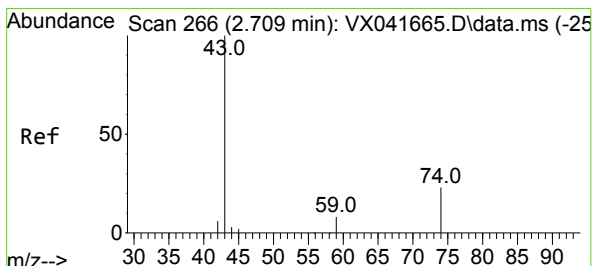
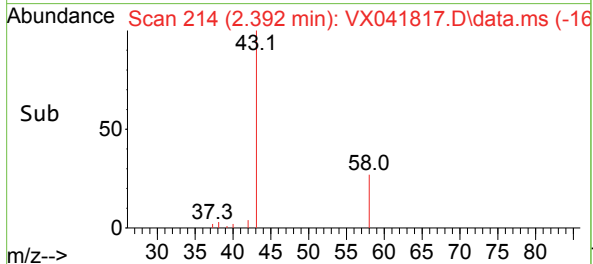
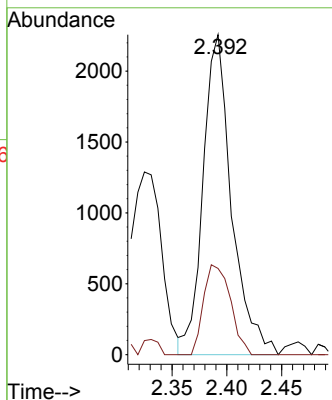


#16  
Acetone  
Concen: 2.706 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

Instrument :  
MSVOA\_X  
ClientSampleId :

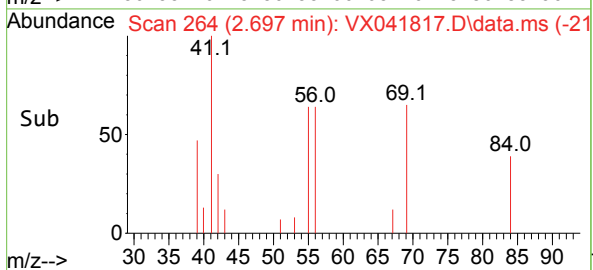
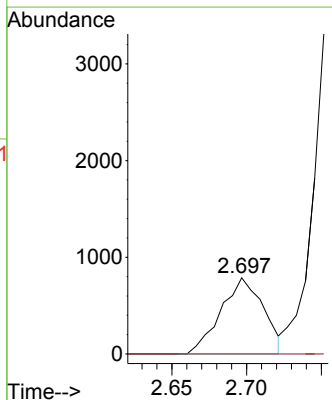
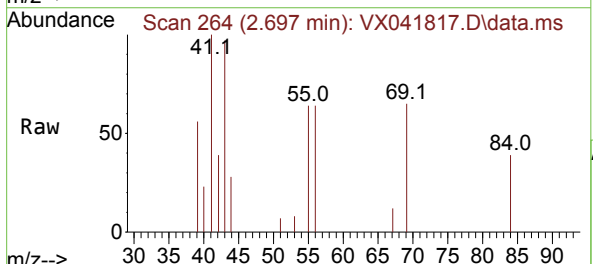


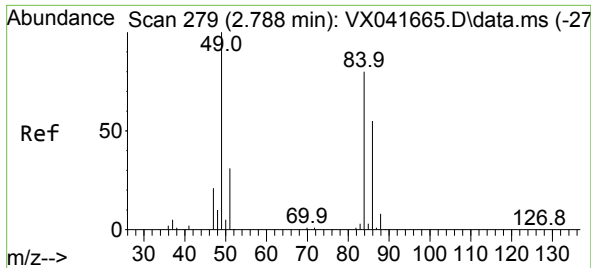
Tgt Ion: 43 Resp: 4084  
Ion Ratio Lower Upper  
43 100  
58 26.9 21.9 32.9



#18  
Methyl Acetate  
Concen: 0.948 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. -0.012 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

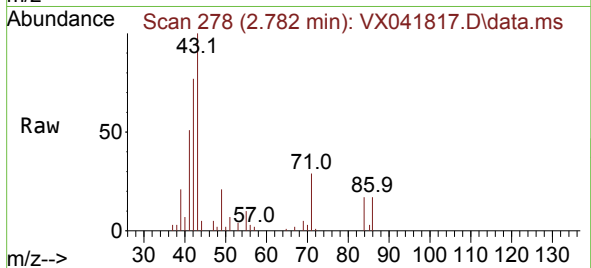
Tgt Ion: 43 Resp: 1560  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.8 26.8#



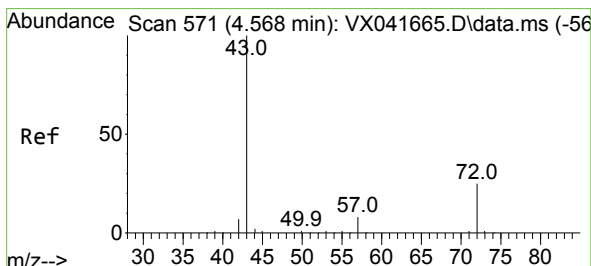
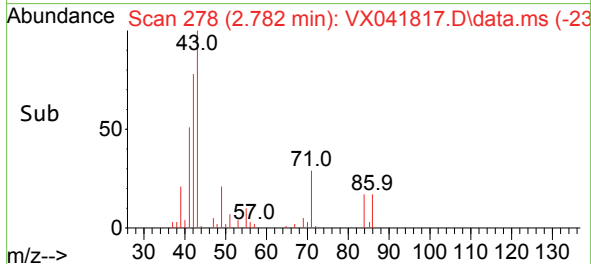
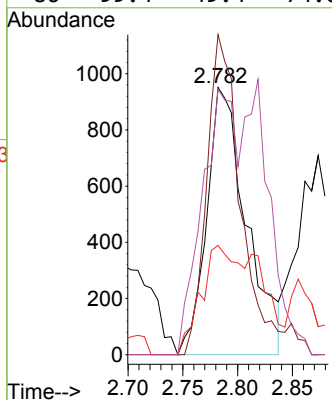


#20  
Methylene Chloride  
Concen: 1.555 ug/l  
RT: 2.782 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

Instrument :  
MSVOA\_X  
ClientSampleId :

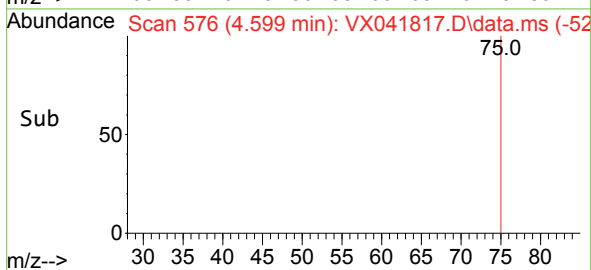
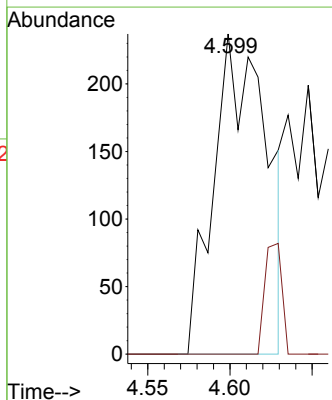
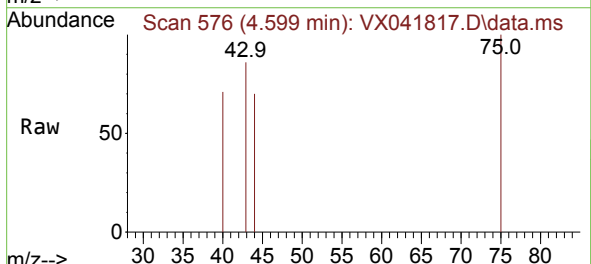


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 2399  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 119.8 | 103.6 | 155.4 |
| 51       | 40.9  | 33.8  | 50.6  |
| 86       | 99.4  | 49.4  | 74.0  |

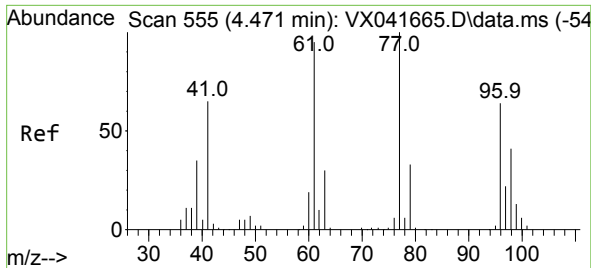


#25  
2-Butanone  
Concen: 0.492 ug/l  
RT: 4.599 min Scan# 576  
Delta R.T. 0.031 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 527   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 0.0   | 19.4  | 29.2  |



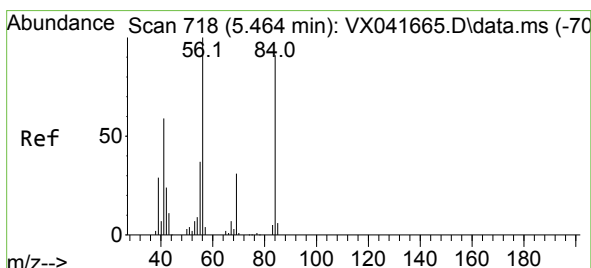
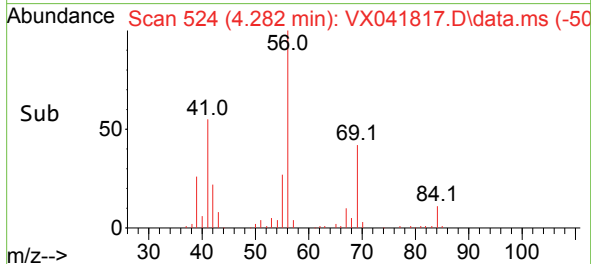
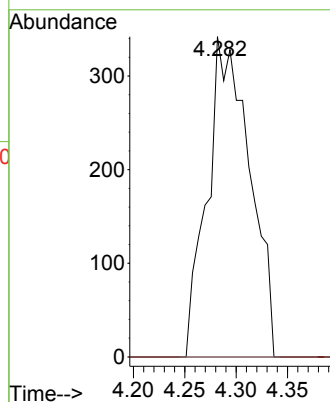
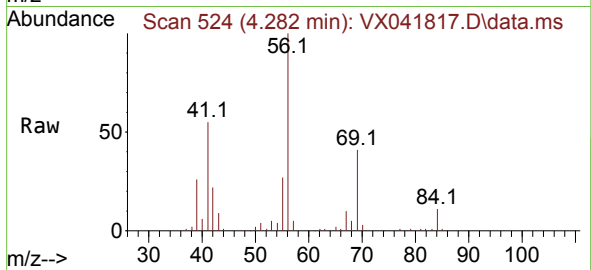




#26  
2,2-Dichloropropane  
Concen: 0.502 ug/l  
RT: 4.282 min Scan# 51  
Delta R.T. -0.189 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

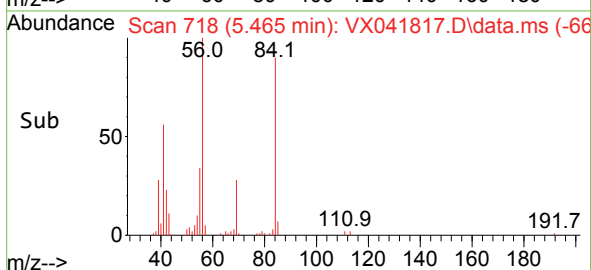
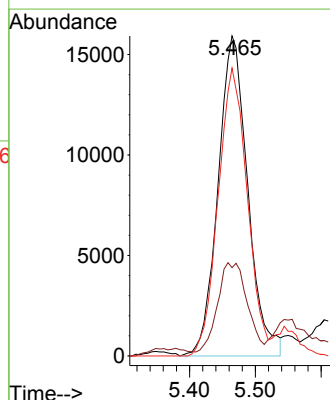
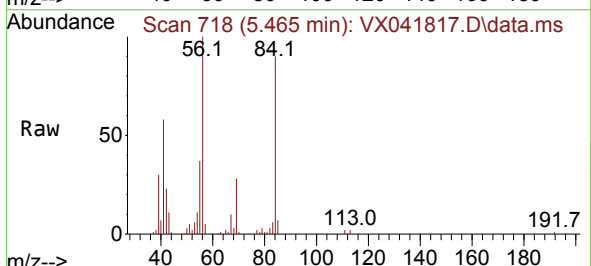
Instrument :  
MSVOA\_X  
ClientSampleId :

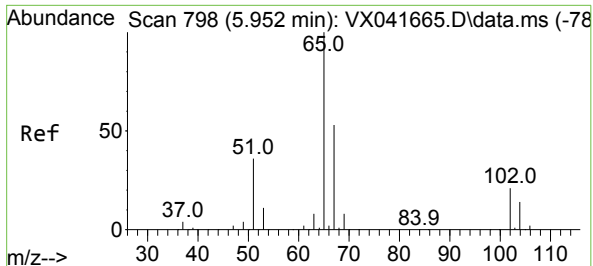
Tgt Ion: 77 Resp: 981  
Ion Ratio Lower Upper  
77 100  
97 0.0 10.8 32.3#



#31  
Cyclohexane  
Concen: 24.583 ug/l  
RT: 5.465 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

Tgt Ion: 56 Resp: 50040  
Ion Ratio Lower Upper  
56 100  
69 25.7 23.4 35.2  
84 90.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 48.381 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Instrument :

MSVOA\_X

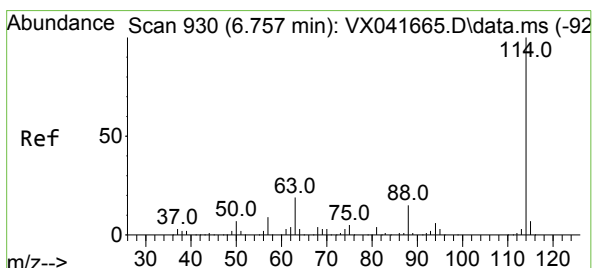
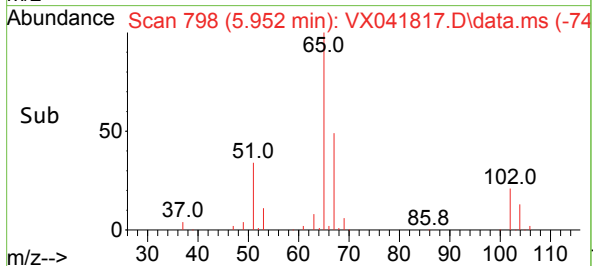
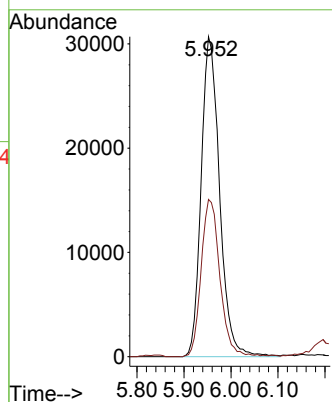
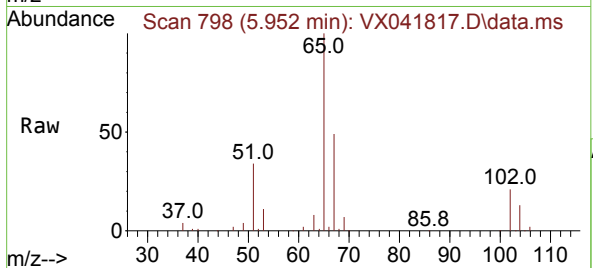
ClientSampleId :

Tgt Ion: 65 Resp: 83415

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

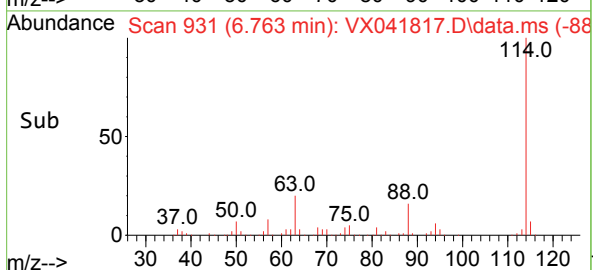
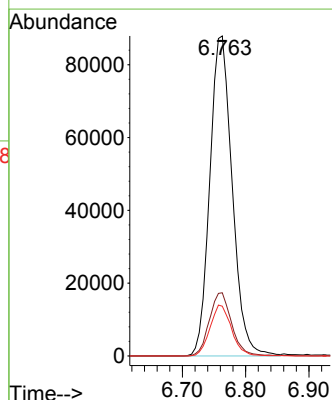
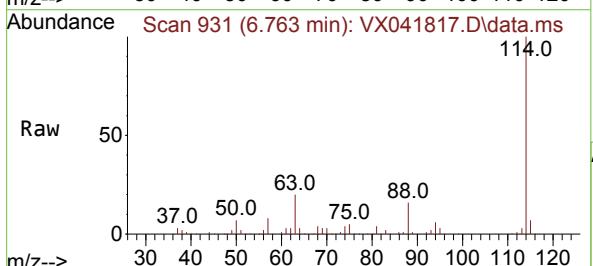
Tgt Ion: 114 Resp: 216230

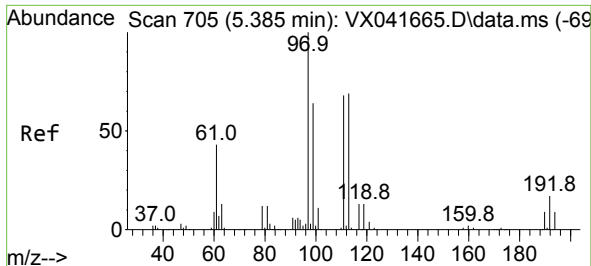
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

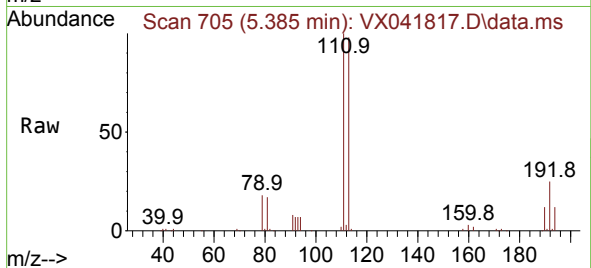
88 15.5 0.0 36.6



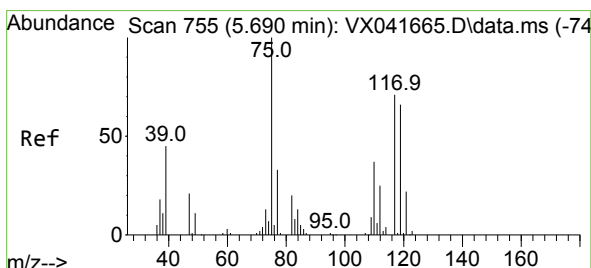
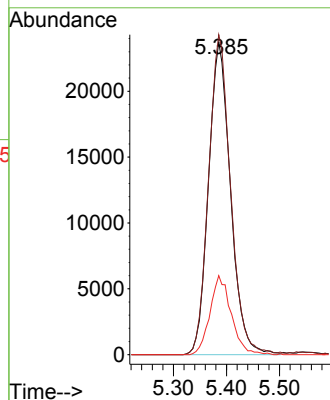
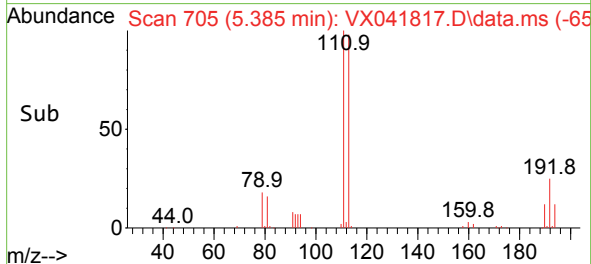


#35  
Dibromofluoromethane  
Concen: 45.747 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

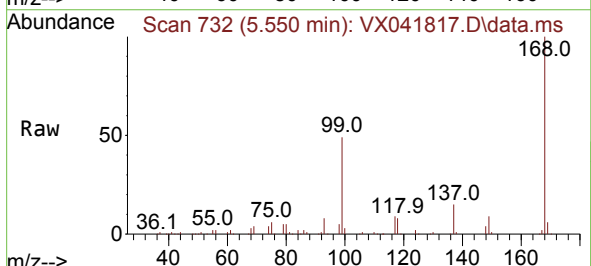
Instrument :  
MSVOA\_X  
ClientSampleId :



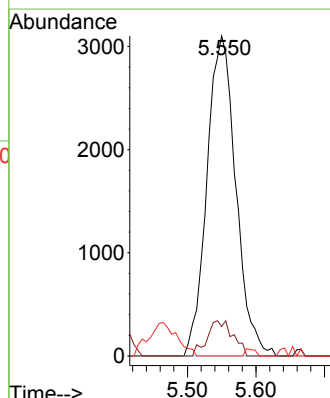
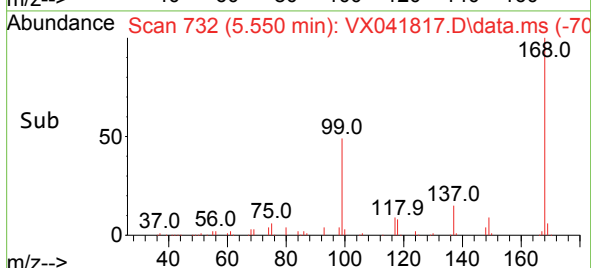
Tgt Ion:113 Resp: 68392  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.9 124.3  
192 24.4 13.3 19.9#

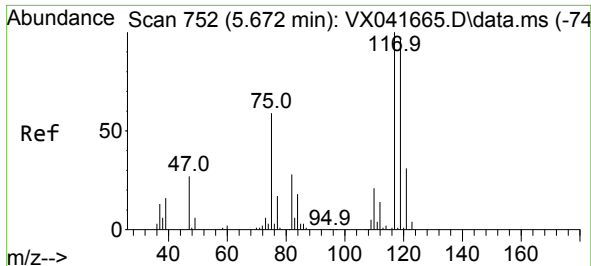


#36  
1,1-Dichloropropene  
Concen: 5.025 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.140 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51



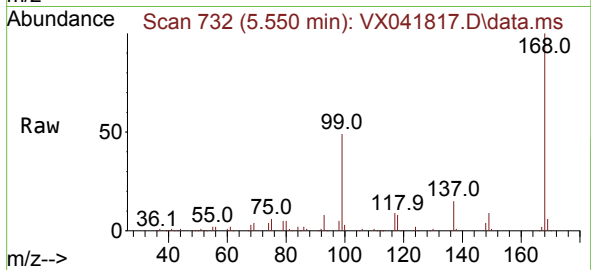
Tgt Ion: 75 Resp: 9097  
Ion Ratio Lower Upper  
75 100  
110 9.8 17.0 50.9#  
77 0.0 24.7 37.1#



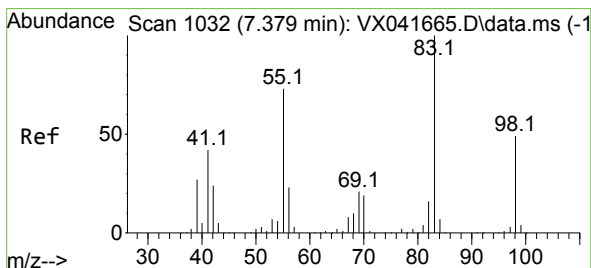
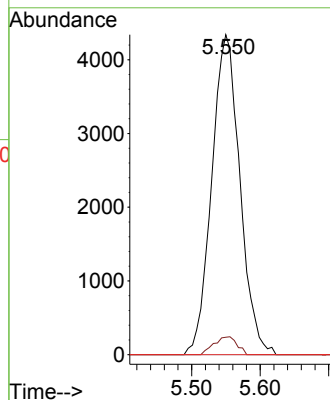
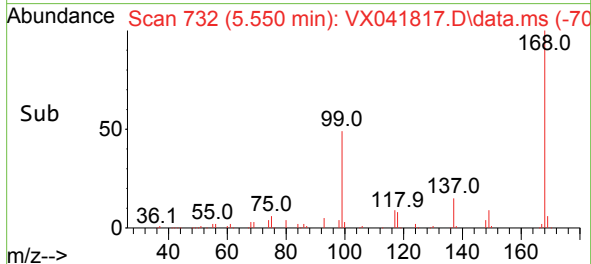


#38  
Carbon Tetrachloride  
Concen: 6.028 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

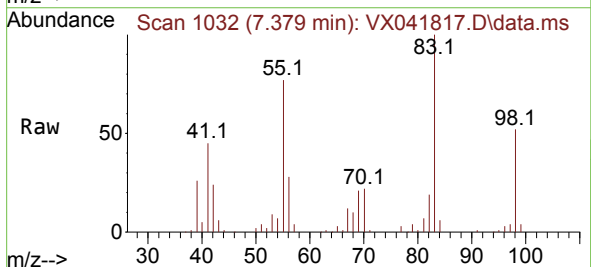
Instrument :  
MSVOA\_X  
ClientSampleId :



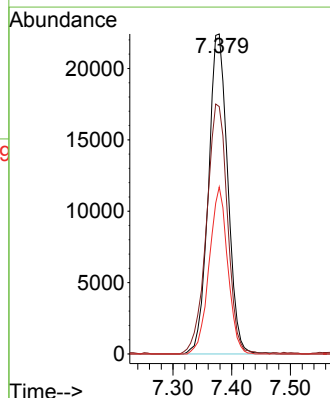
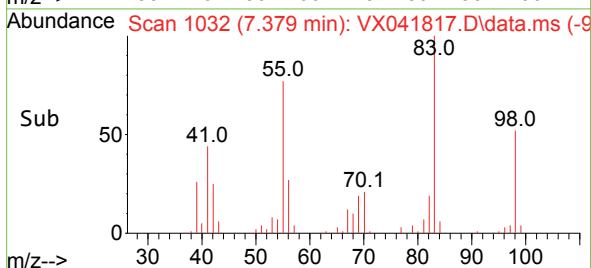
Tgt Ion:117 Resp: 12398  
Ion Ratio Lower Upper  
117 100  
119 5.5 78.2 117.2#  
121 0.0 24.4 36.6#

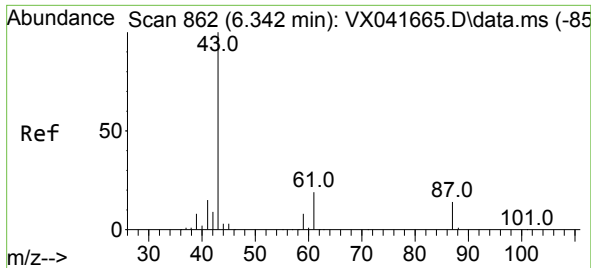


#39  
Methylcyclohexane  
Concen: 22.980 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51



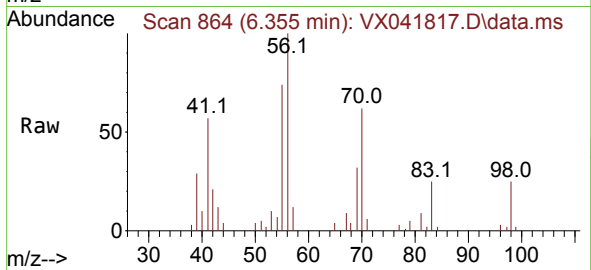
Tgt Ion: 83 Resp: 51106  
Ion Ratio Lower Upper  
83 100  
55 77.3 64.6 97.0  
98 52.2 36.7 55.1



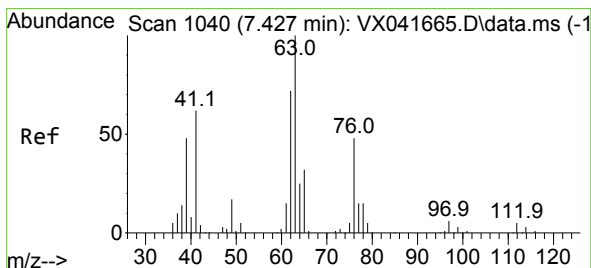
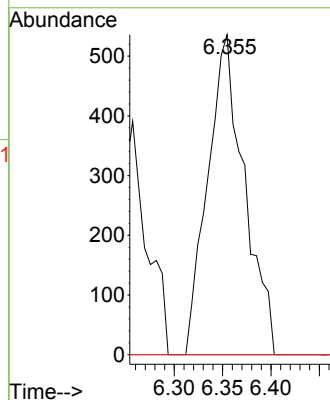
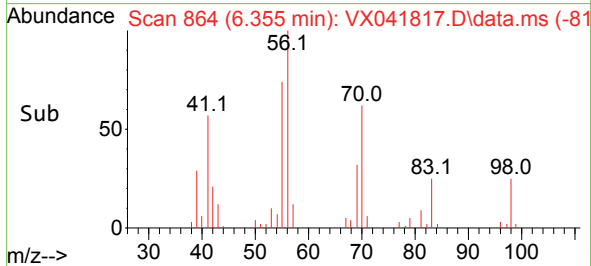


#43  
Isopropyl Acetate  
Concen: 0.409 ug/l  
RT: 6.355 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

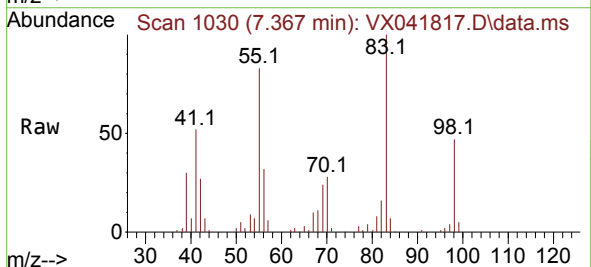
Instrument :  
MSVOA\_X  
ClientSampleId :



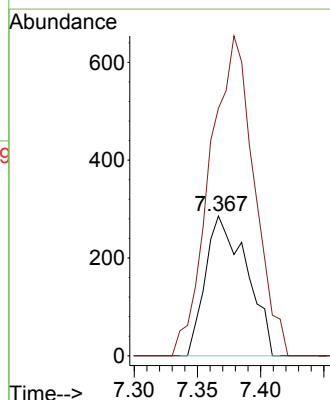
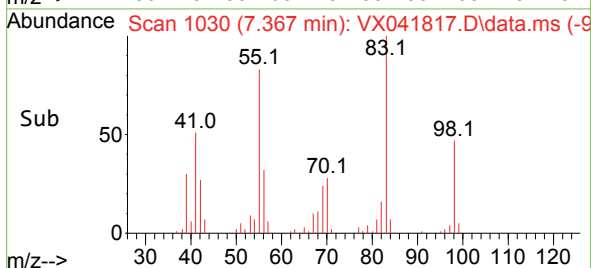
Tgt Ion: 43 Resp: 1412  
Ion Ratio Lower Upper  
43 100  
61 0.0 15.2 22.8#  
87 0.0 9.8 14.6#

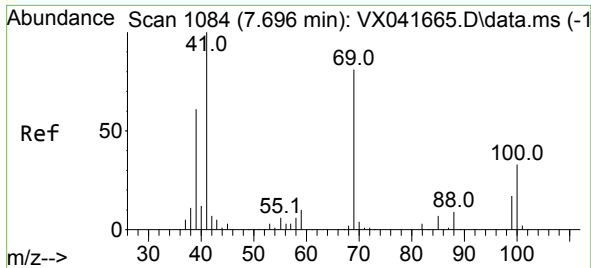


#45  
1,2-Dichloropropane  
Concen: 0.481 ug/l  
RT: 7.367 min Scan# 1030  
Delta R.T. -0.061 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51



Tgt Ion: 63 Resp: 647  
Ion Ratio Lower Upper  
63 100  
65 159.1 24.3 36.5#

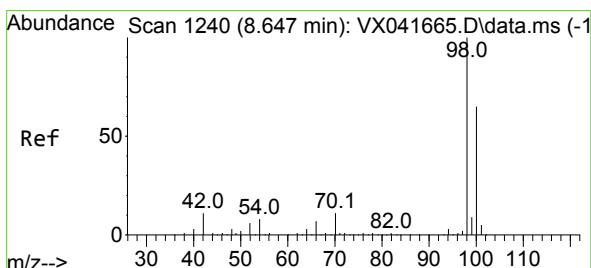
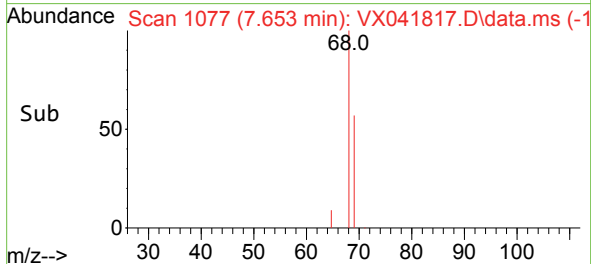
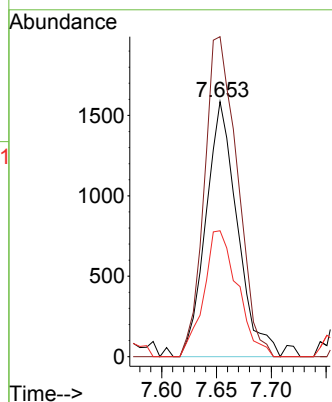
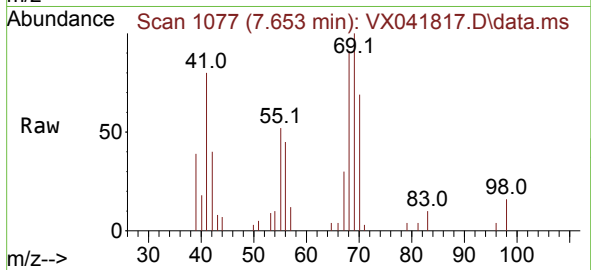




#48  
Methyl methacrylate  
Concen: 1.910 ug/l  
RT: 7.653 min Scan# 1084  
Delta R.T. -0.042 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

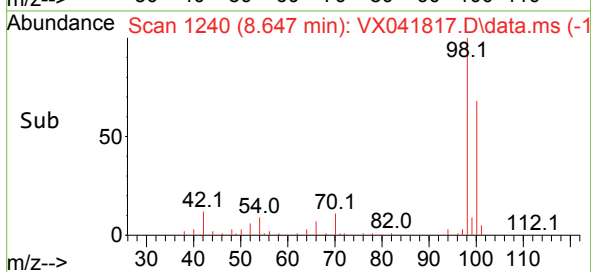
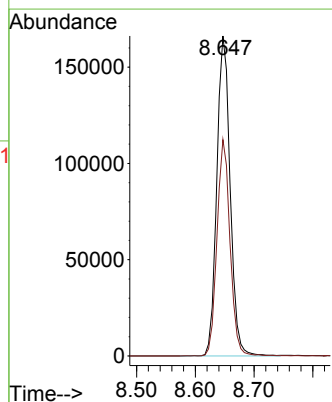
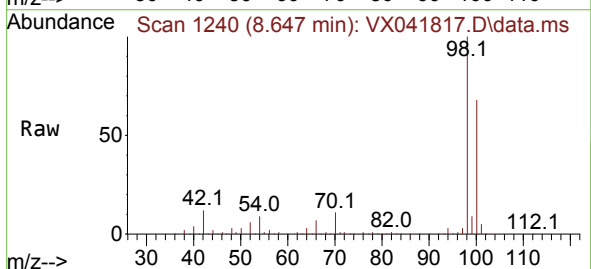
Instrument :  
MSVOA\_X  
ClientSampleId :

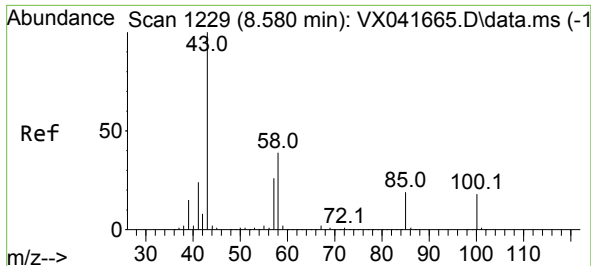
Tgt Ion: 41 Resp: 3164  
Ion Ratio Lower Upper  
41 100  
69 131.7 59.2 88.8#  
39 53.1 47.7 71.5



#50  
Toluene-d8  
Concen: 50.351 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

Tgt Ion: 98 Resp: 263018  
Ion Ratio Lower Upper  
98 100  
100 66.1 53.1 79.7

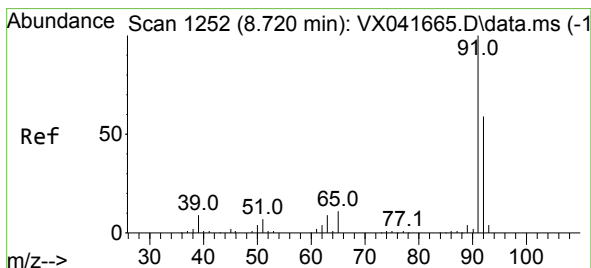
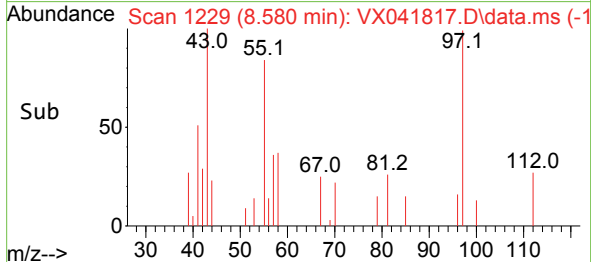
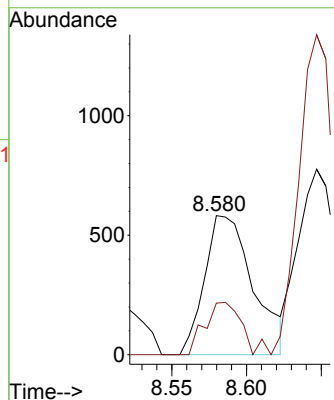
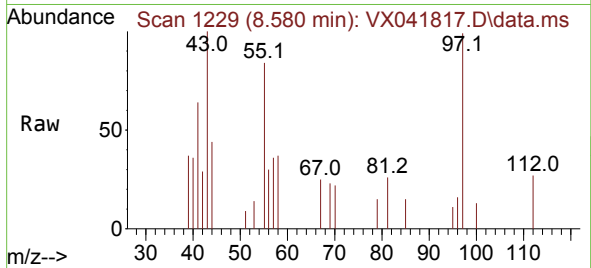




#51  
4-Methyl-2-Pentanone  
Concen: 0.587 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

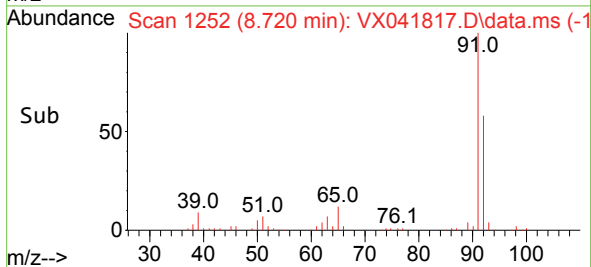
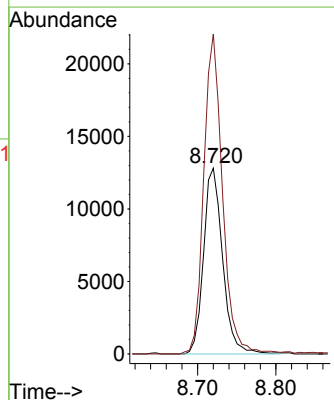
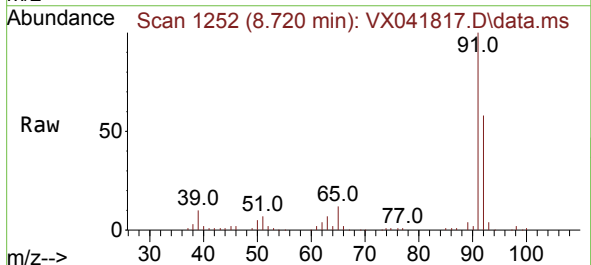
Instrument :  
MSVOA\_X  
ClientSampleId :

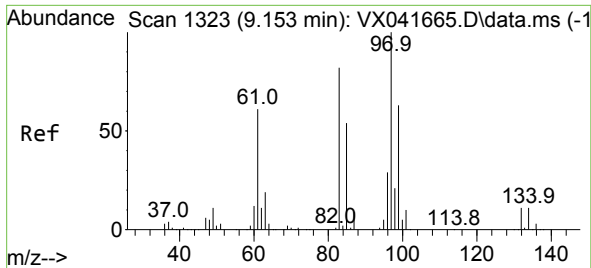
Tgt Ion: 43 Resp: 1312  
Ion Ratio Lower Upper  
43 100  
58 29.0 30.4 45.6#



#52  
Toluene  
Concen: 6.026 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

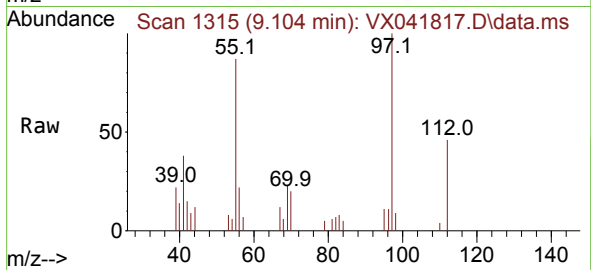
Tgt Ion: 92 Resp: 21637  
Ion Ratio Lower Upper  
92 100  
91 169.4 134.2 201.2



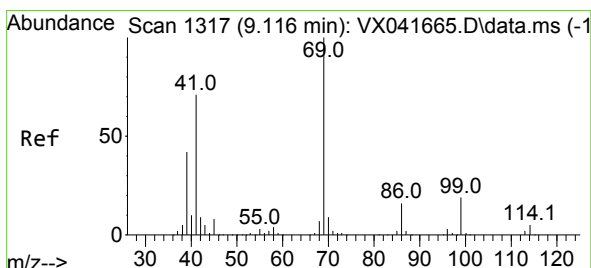
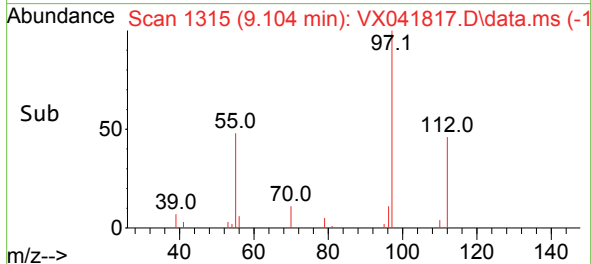
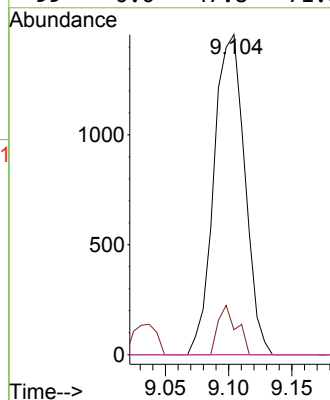


#55  
1,1,2-Trichloroethane  
Concen: 1.707 ug/l  
RT: 9.104 min Scan# 1315  
Delta R.T. -0.049 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

Instrument :  
MSVOA\_X  
ClientSampleId :

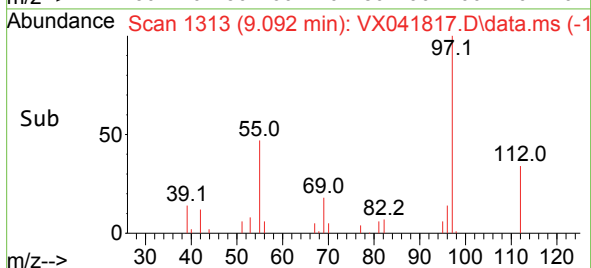
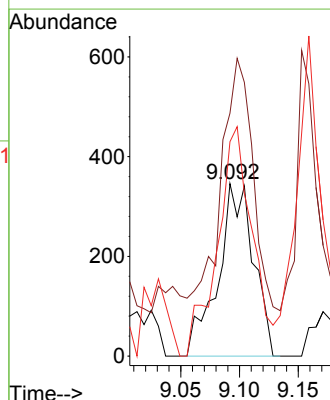
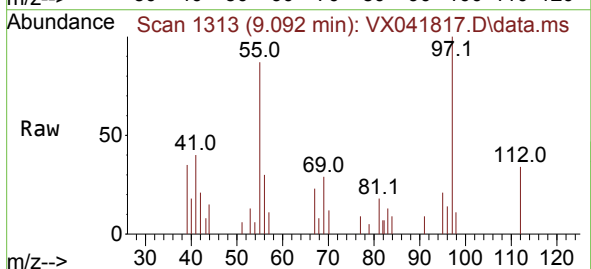


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 7.8   | 65.8  | 98.8# |
| 85      | 0.0   | 41.6  | 62.4# |
| 99      | 0.0   | 47.8  | 71.8# |

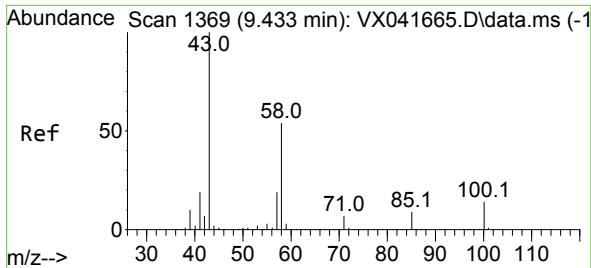


#56  
Ethyl methacrylate  
Concen: 0.328 ug/l  
RT: 9.092 min Scan# 1313  
Delta R.T. -0.024 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 152.6 | 56.8  | 85.2# |
| 39      | 130.8 | 32.0  | 48.0# |



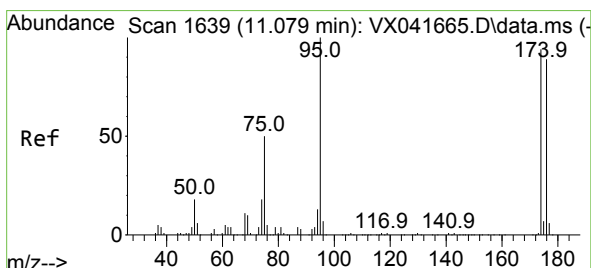
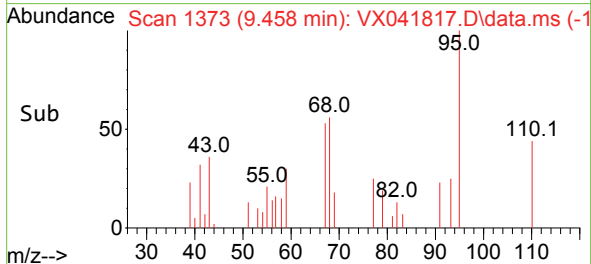
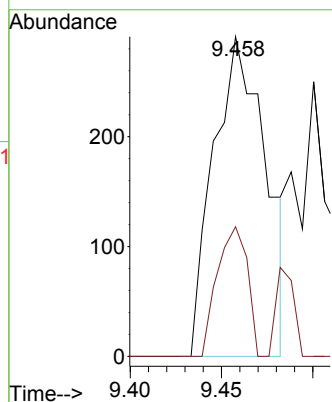
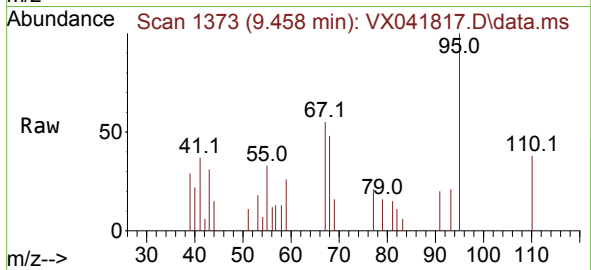




#59  
2-Hexanone  
Concen: 0.340 ug/l  
RT: 9.458 min Scan# 11  
Delta R.T. 0.025 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

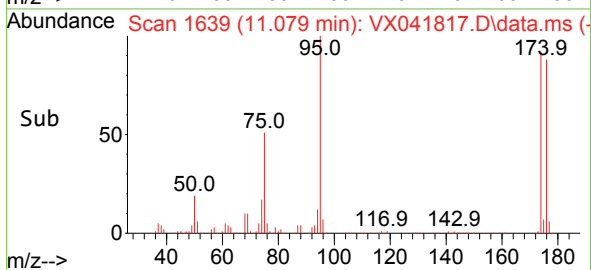
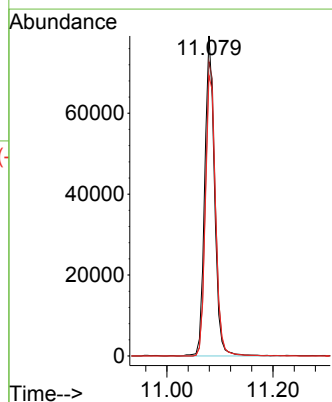
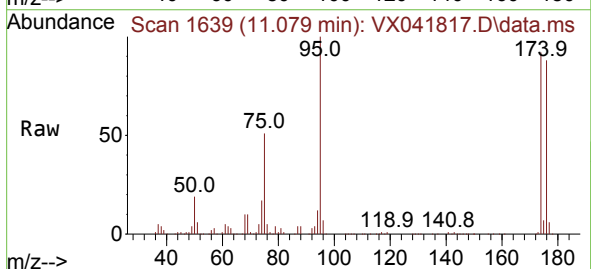
Instrument :  
MSVOA\_X  
ClientSampleId :

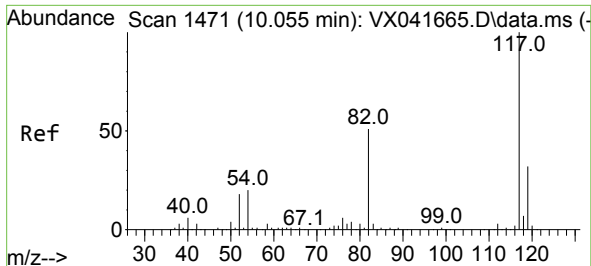
Tgt Ion: 43 Resp: 579  
Ion Ratio Lower Upper  
43 100  
58 23.3 26.2 78.5#



#62  
4-Bromofluorobenzene  
Concen: 52.484 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

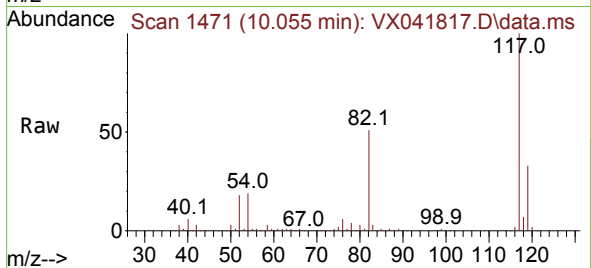
Tgt Ion: 95 Resp: 101188  
Ion Ratio Lower Upper  
95 100  
174 94.3 0.0 135.6  
176 90.7 0.0 131.0



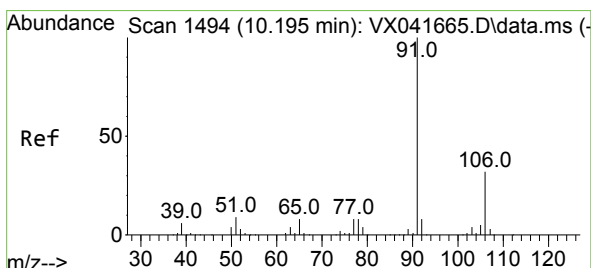
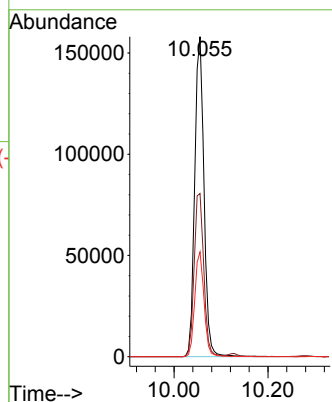
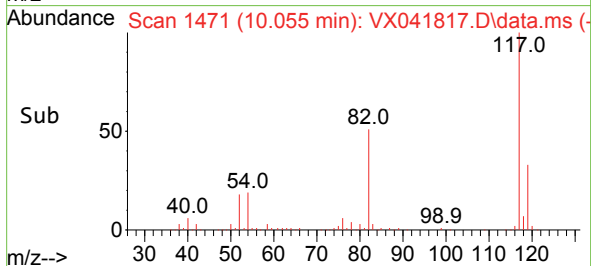


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

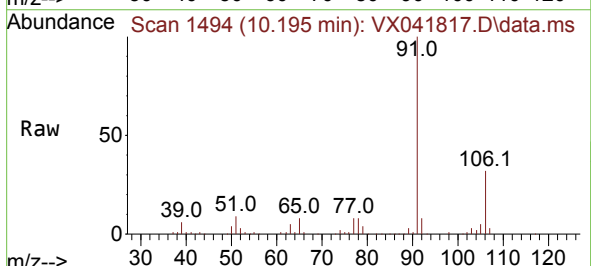
Instrument :  
MSVOA\_X  
ClientSampleId :



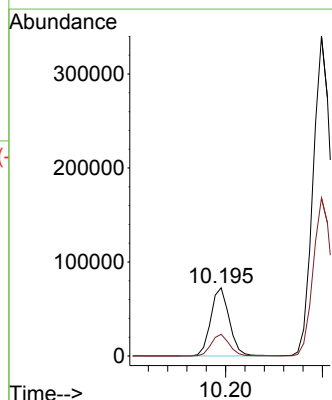
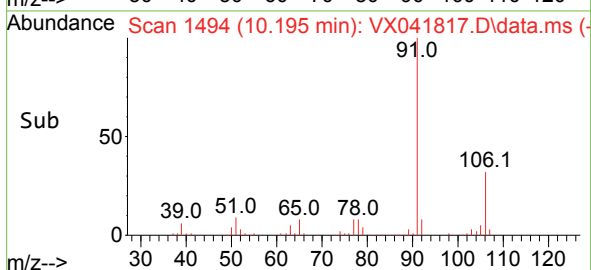
Tgt Ion:117 Resp: 217143  
Ion Ratio Lower Upper  
117 100  
82 51.0 46.2 69.4  
119 32.7 25.5 38.3

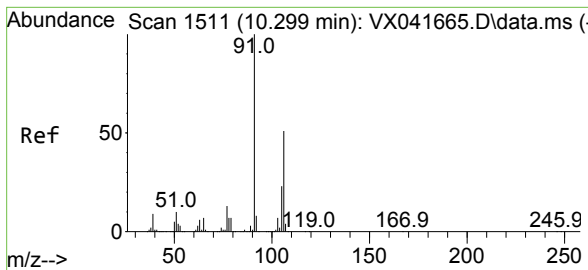


#67  
Ethyl Benzene  
Concen: 12.931 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51



Tgt Ion: 91 Resp: 96034  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.9 37.3

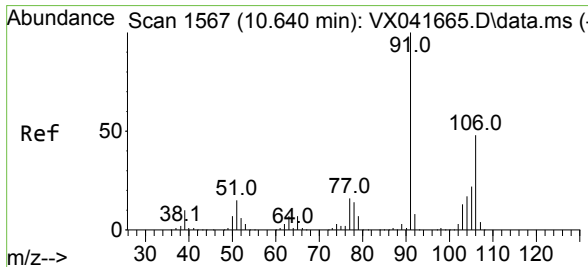
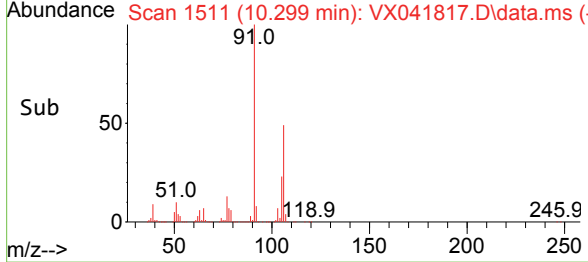
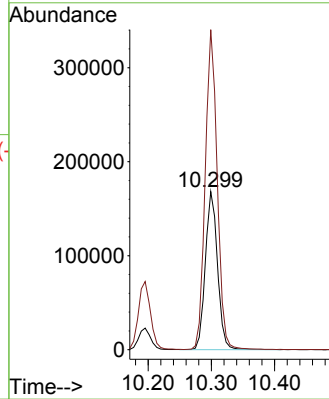
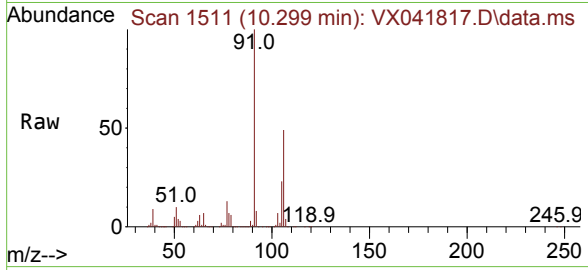




#68  
m/p-Xylenes  
Concen: 76.300 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

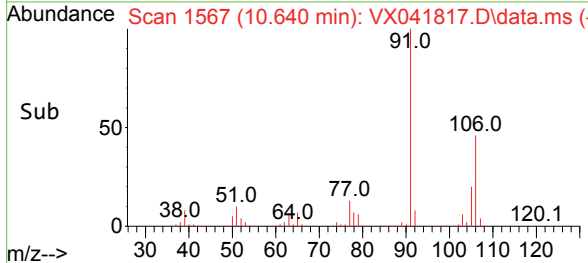
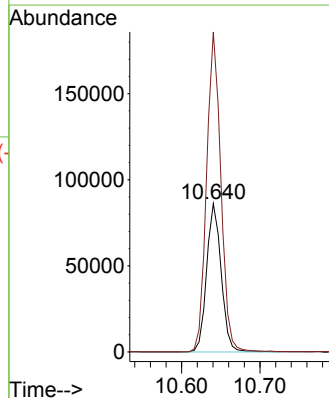
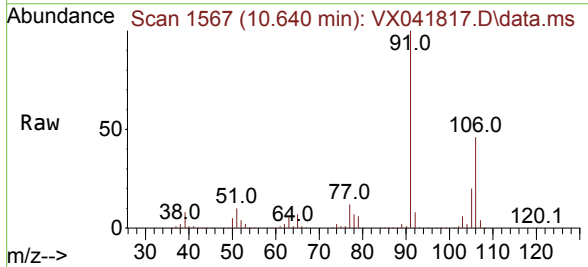
Instrument :  
MSVOA\_X  
ClientSampleId :

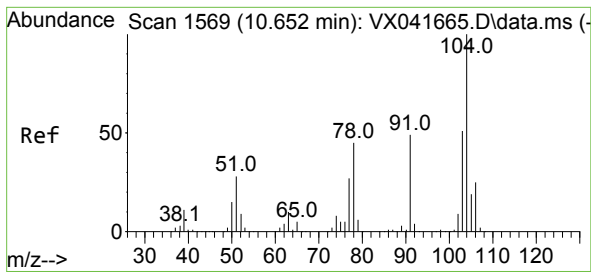
Tgt Ion:106 Resp: 225429  
Ion Ratio Lower Upper  
106 100  
91 199.9 165.5 248.3



#69  
o-Xylene  
Concen: 37.707 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

Tgt Ion:106 Resp: 110828  
Ion Ratio Lower Upper  
106 100  
91 212.0 108.9 326.8





#70

Styrene

Concen: 1.230 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Instrument :

MSVOA\_X

ClientSampleId :

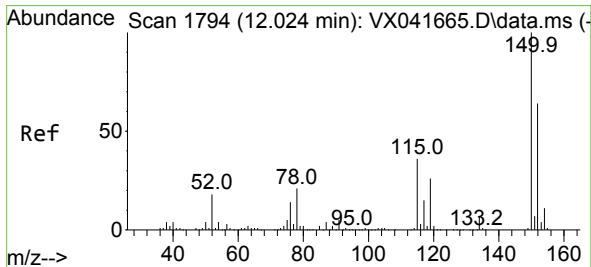
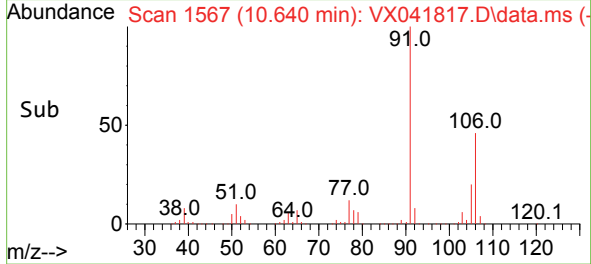
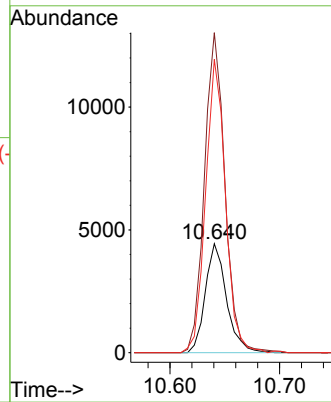
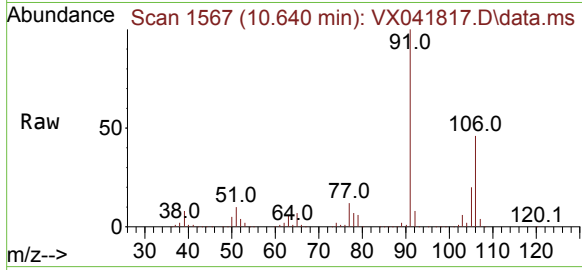
Tgt Ion:104 Resp: 5972

Ion Ratio Lower Upper

104 100

78 283.3 43.6 65.4#

103 252.1 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

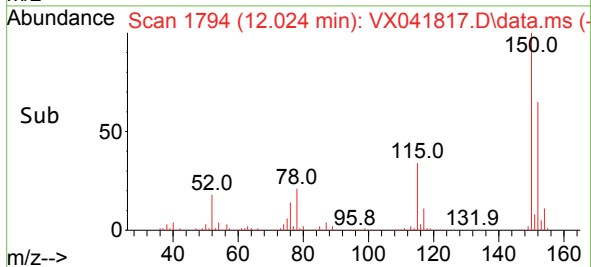
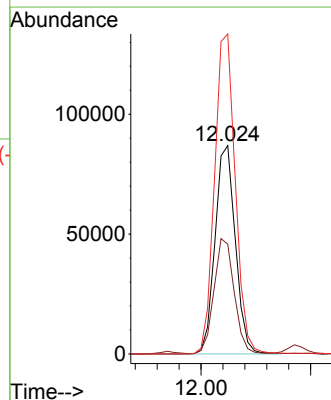
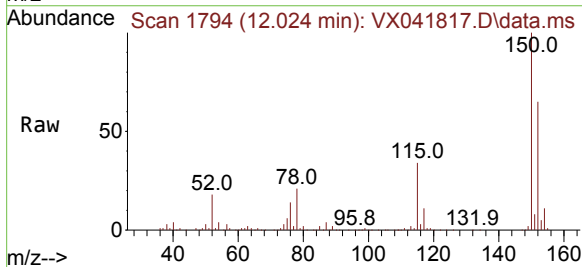
Tgt Ion:152 Resp: 111982

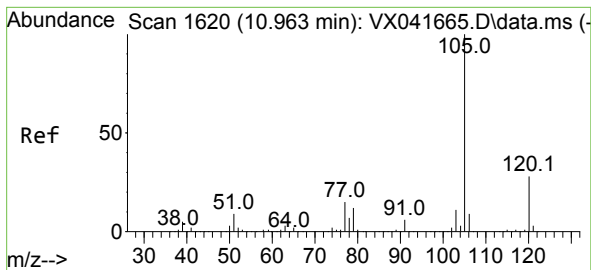
Ion Ratio Lower Upper

152 100

115 54.7 43.3 129.9

150 157.0 0.0 345.0





#73

Isopropylbenzene

Concen: 4.895 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Instrument :

MSVOA\_X

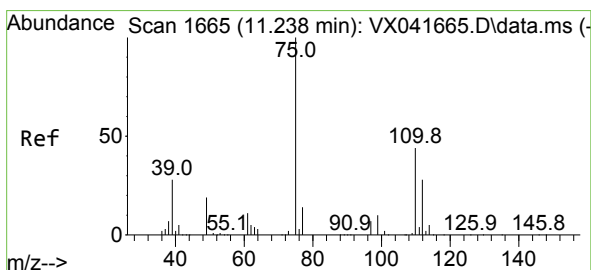
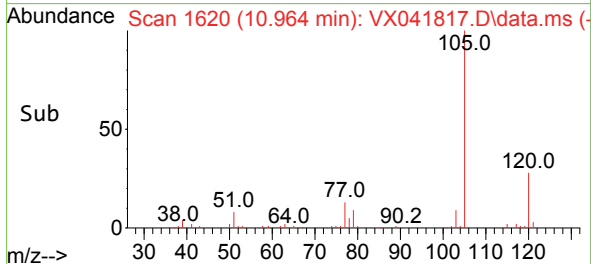
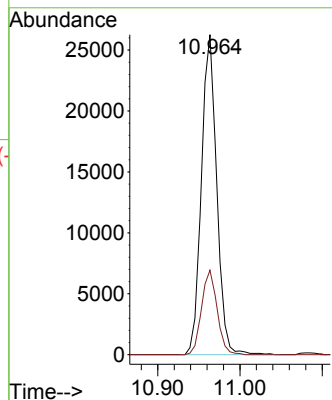
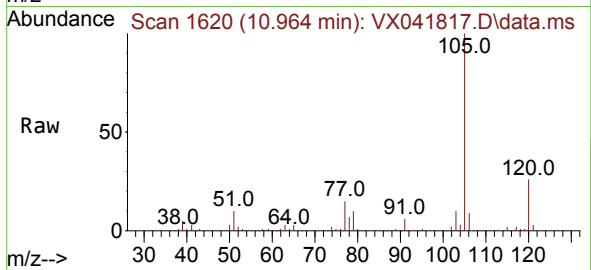
ClientSampleId :

Tgt Ion:105 Resp: 34001

Ion Ratio Lower Upper

105 100

120 26.7 12.9 38.6



#76

1,2,3-Trichloropropane

Concen: 1.197 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.140 min

Lab File: VX041817.D

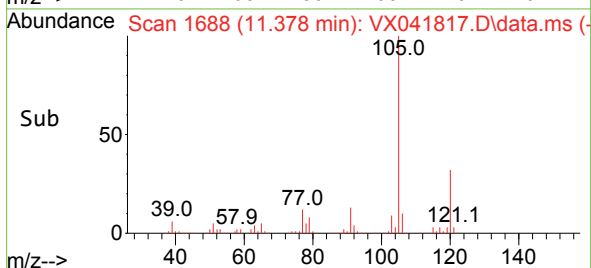
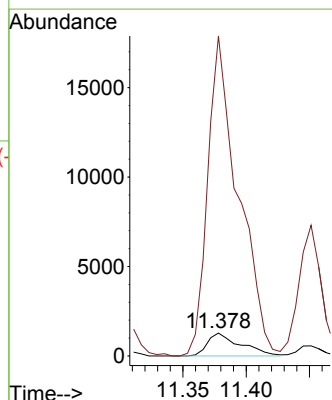
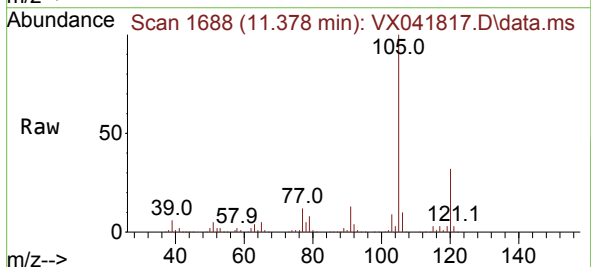
Acq: 10 Jun 2024 17:51

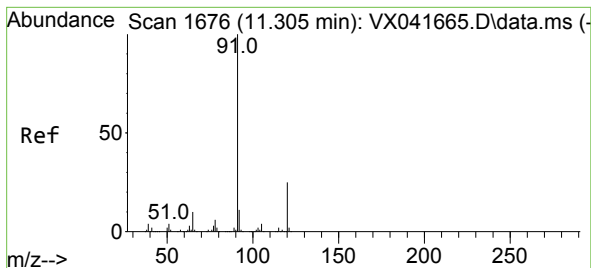
Tgt Ion: 75 Resp: 2339

Ion Ratio Lower Upper

75 100

77 1287.9 19.1 57.5#





#78

n-propylbenzene

Concen: 8.177 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Instrument :

MSVOA\_X

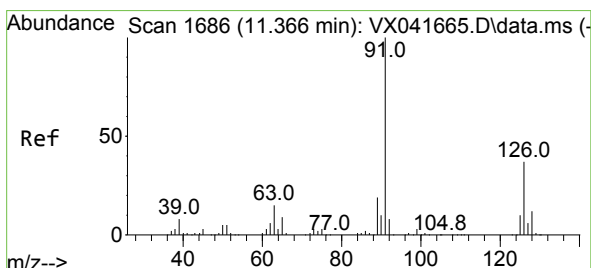
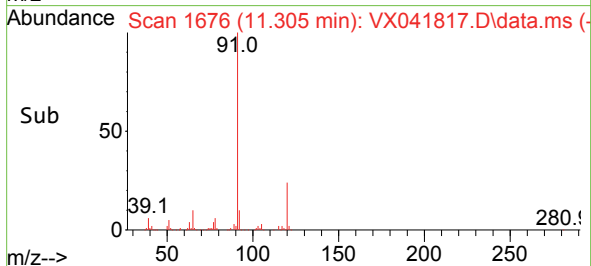
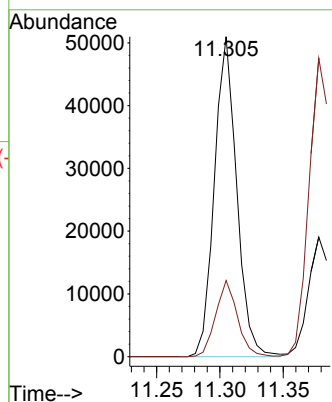
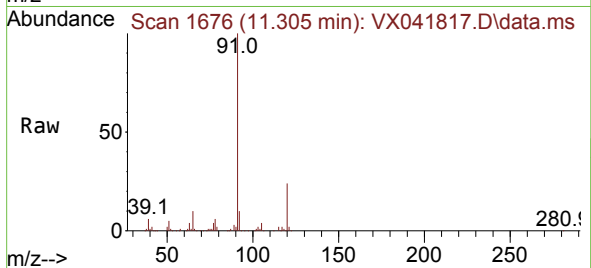
ClientSampleId :

Tgt Ion: 91 Resp: 62367

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 6.621 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.012 min

Lab File: VX041817.D

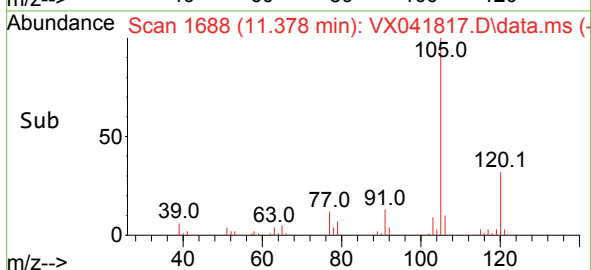
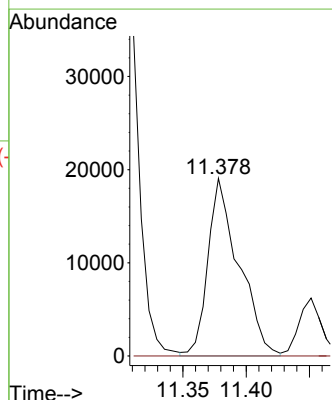
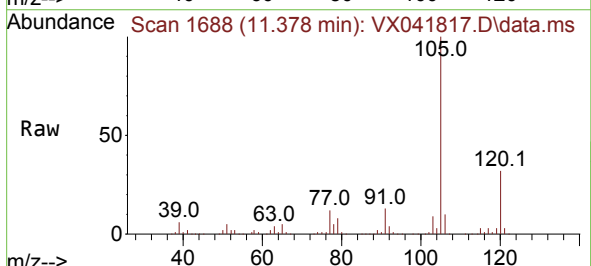
Acq: 10 Jun 2024 17:51

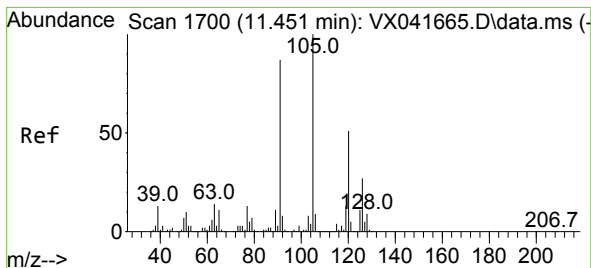
Tgt Ion: 91 Resp: 32462

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 12.221 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Instrument :

MSVOA\_X

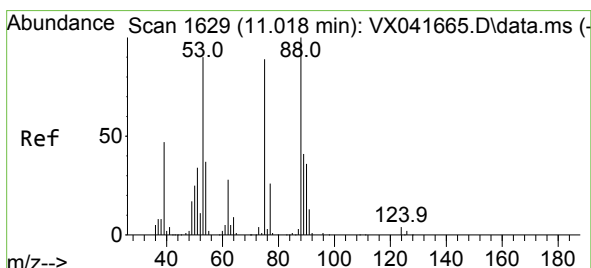
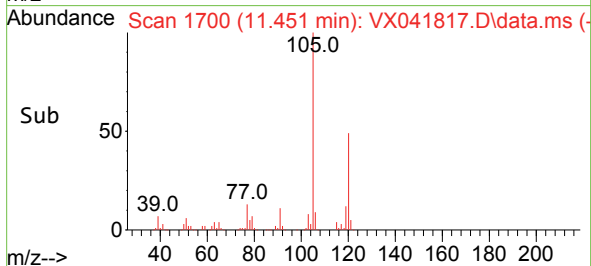
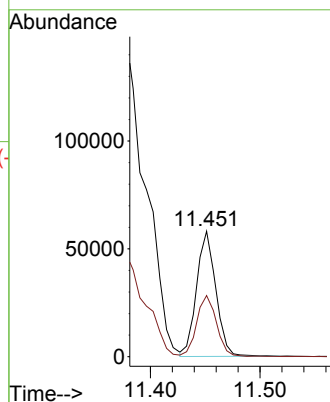
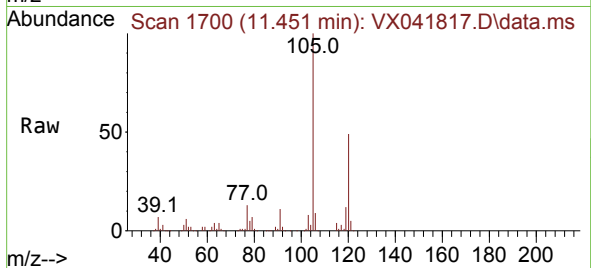
ClientSampleId :

Tgt Ion:105 Resp: 70880

Ion Ratio Lower Upper

105 100

120 50.5 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 70.533 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

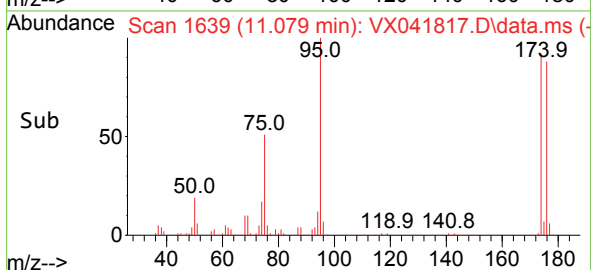
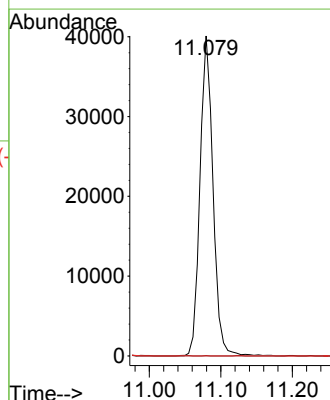
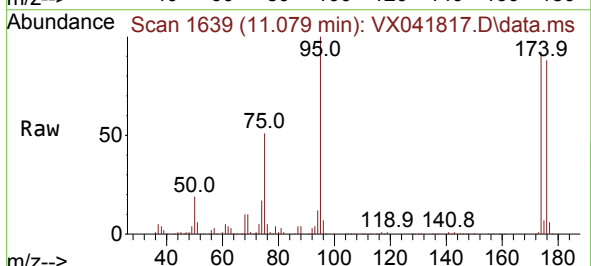
Tgt Ion: 75 Resp: 50564

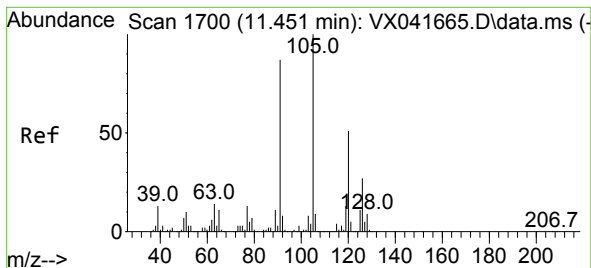
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

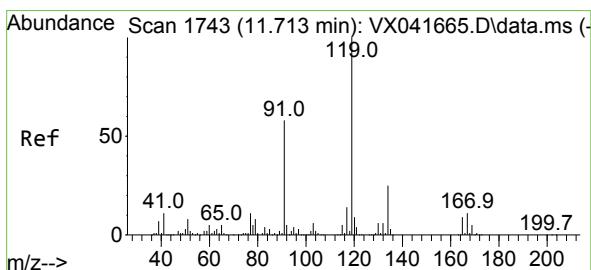
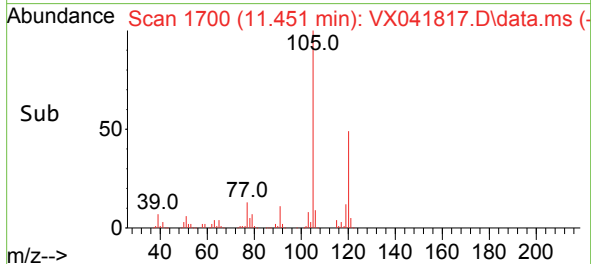
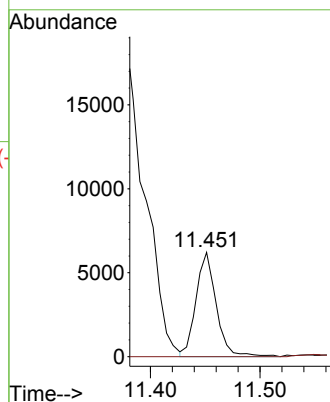
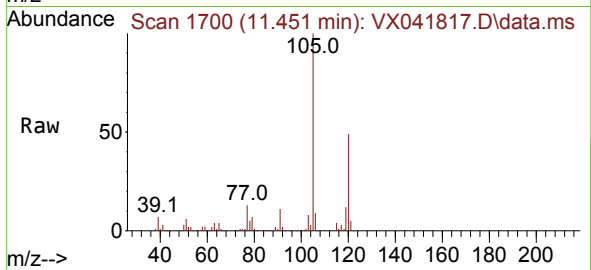




#82  
4-Chlorotoluene  
Concen: 1.428 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

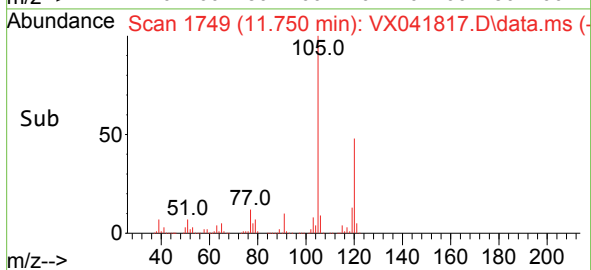
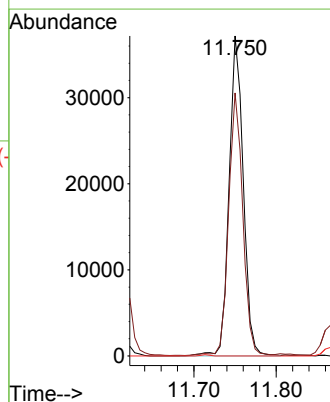
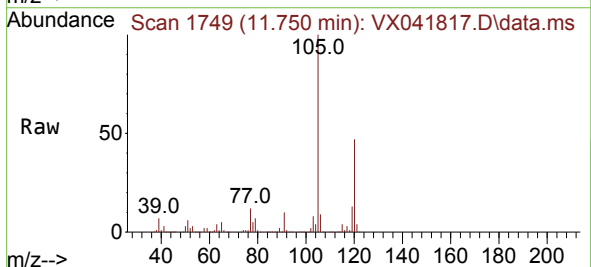
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 91 Resp: 7966  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.2 42.6#

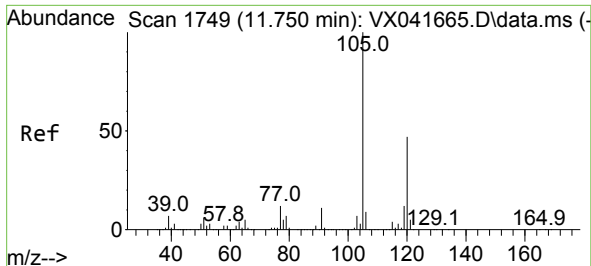


#83  
tert-Butylbenzene  
Concen: 7.125 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.037 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

Tgt Ion: 119 Resp: 44510  
Ion Ratio Lower Upper  
119 100  
91 81.9 31.2 93.6  
134 0.0 11.7 35.0#



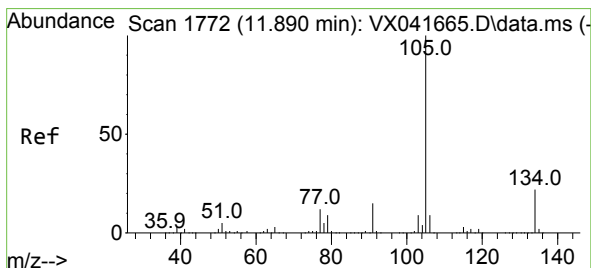
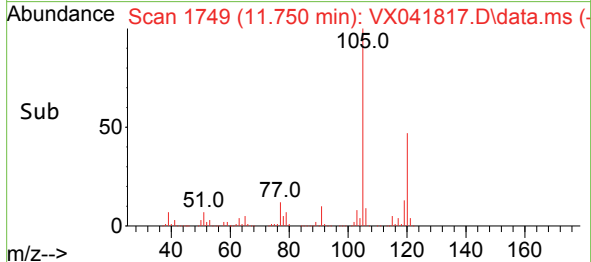
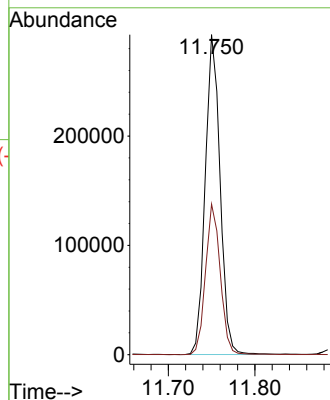
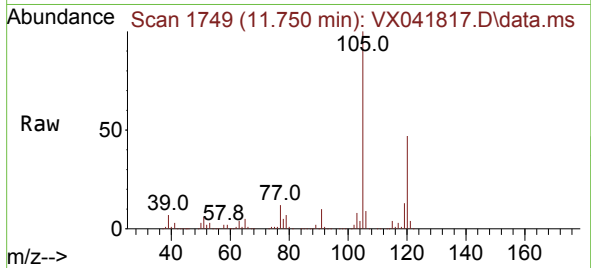




#84  
1,2,4-Trimethylbenzene  
Concen: 59.261 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

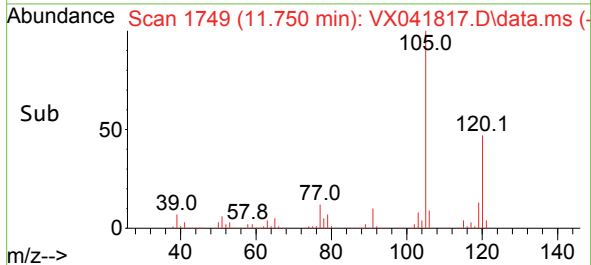
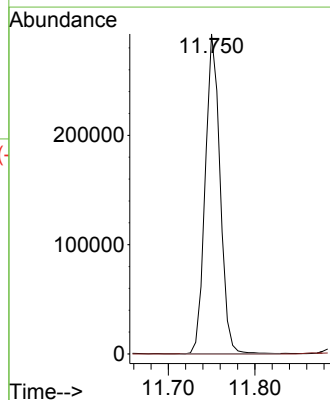
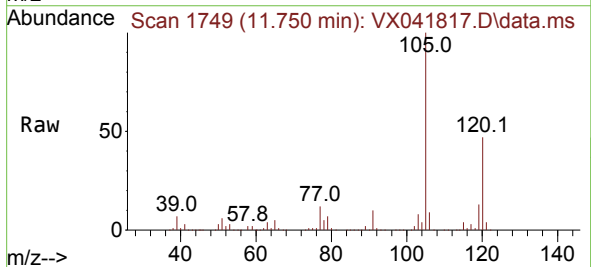
Instrument :  
MSVOA\_X  
ClientSampleId :

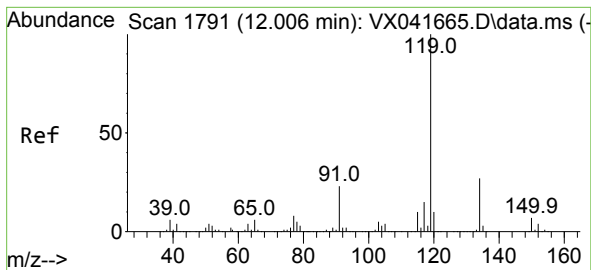
Tgt Ion:105 Resp: 348222  
Ion Ratio Lower Upper  
105 100  
120 46.9 21.2 63.6



#85  
sec-Butylbenzene  
Concen: 48.619 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.140 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

Tgt Ion:105 Resp: 348222  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 0.879 ug/l

RT: 12.012 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Instrument :

MSVOA\_X

ClientSampleId :

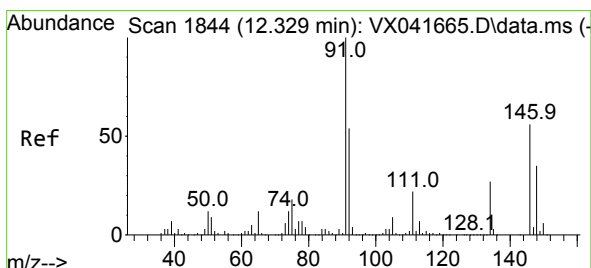
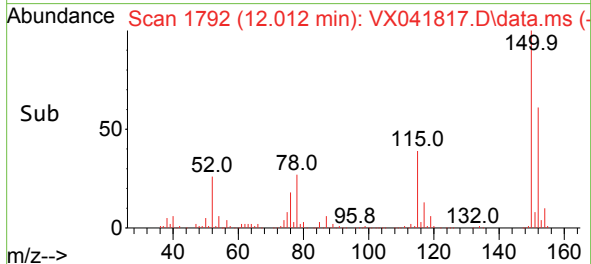
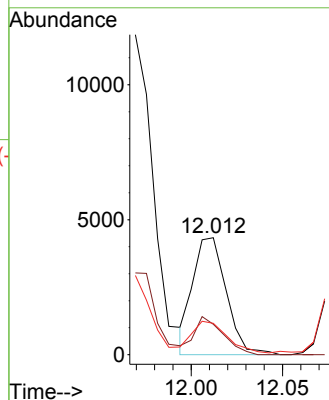
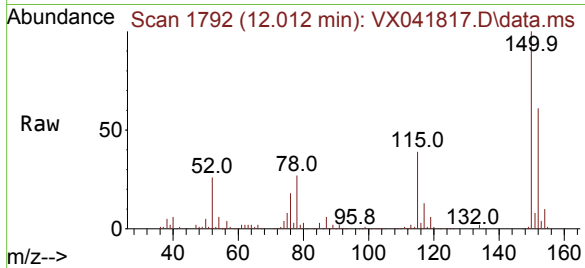
Tgt Ion:119 Resp: 5520

Ion Ratio Lower Upper

119 100

134 28.0 12.8 38.3

91 29.2 13.1 39.3



#89

n-Butylbenzene

Concen: 2.598 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

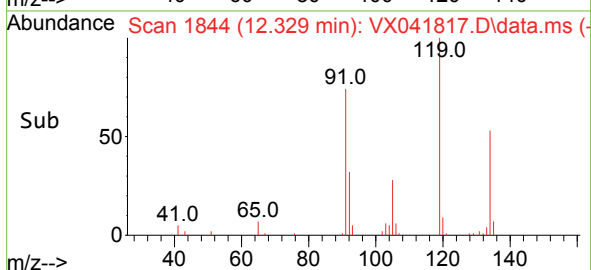
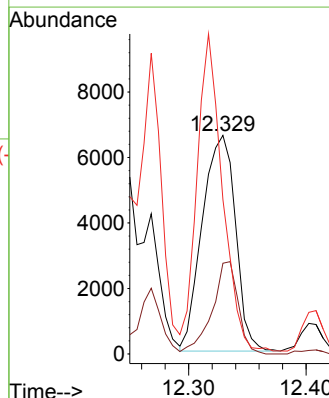
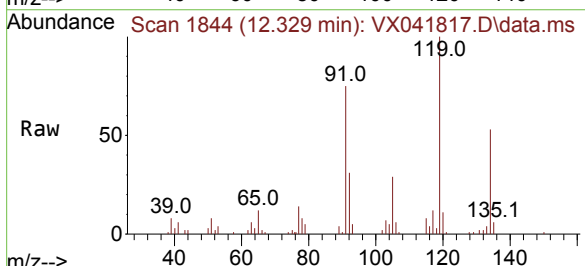
Tgt Ion: 91 Resp: 12919

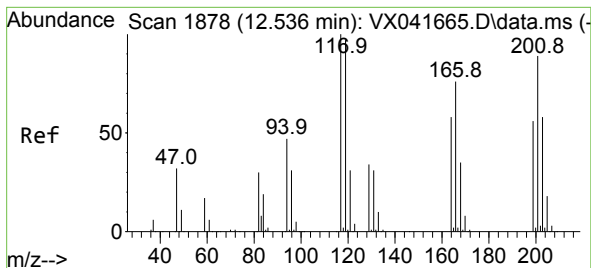
Ion Ratio Lower Upper

91 100

92 33.6 27.4 82.0

134 113.4 12.6 37.8#





#90

Hexachloroethane

Concen: 5.517 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Instrument :

MSVOA\_X

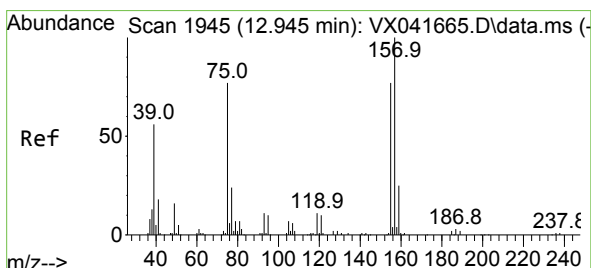
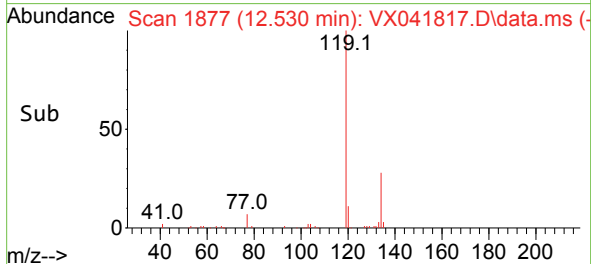
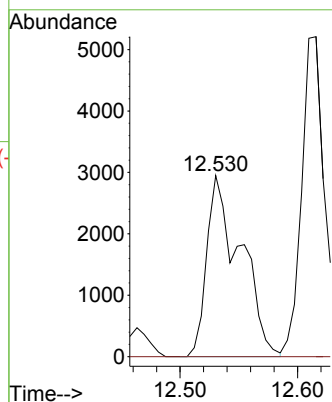
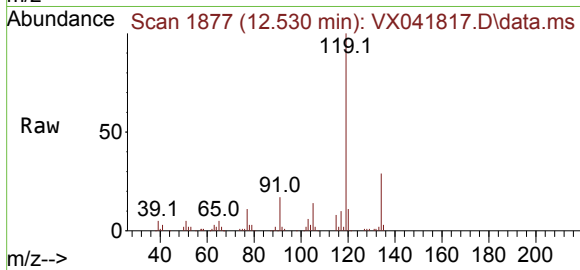
ClientSampleId :

Tgt Ion:117 Resp: 5894

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.484 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

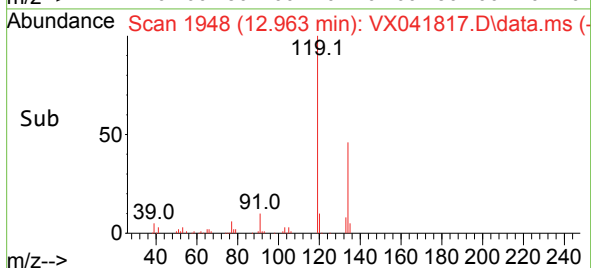
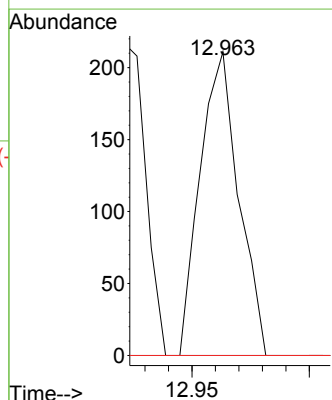
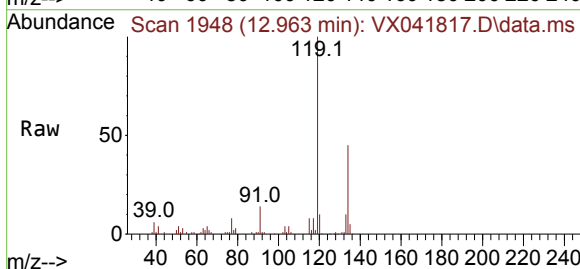
Tgt Ion: 75 Resp: 241

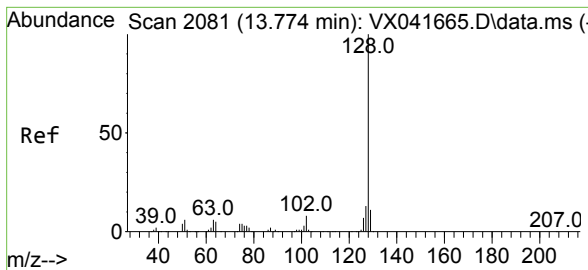
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

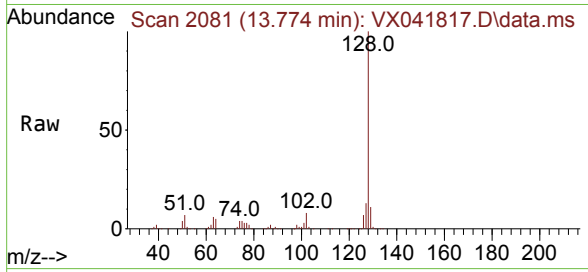
157 0.0 44.9 134.7#





#95  
Naphthalene  
Concen: 17.520 ug/l  
RT: 13.774 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX041817.D  
Acq: 10 Jun 2024 17:51

Instrument :  
MSVOA\_X  
ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 127089 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.1  | 10.3  | 15.5   |
| 129      | 11.2  | 8.8   | 13.2   |

