

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050224\  
 Data File : VX041349.D  
 Acq On : 02 May 2024 13:27  
 Operator : JC/MD  
 Sample : P2264-17RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 03 01:37:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 01 02:38:17 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 180032   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 249666   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 219617   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 120691   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 88526    | 45.169   | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =     | 90.340%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 74816    | 44.220   | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =     | 88.440%  |
| 50) Toluene-d8                | 8.647  | 98    | 251583   | 46.980   | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =     | 93.960%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 97296    | 46.935   | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =     | 93.880%  |
| Target Compounds              |        |       |          |          |       |          |
|                               |        |       |          |          |       | Qvalue   |
| 5) Bromomethane               | 1.593  | 94    | 431      | 0.471    | ug/l  | # 67     |
| 6) Chloroethane               | 1.697  | 64    | 1300     | 1.919    | ug/l  | # 49     |
| 11) Tert butyl alcohol        | 2.995  | 59    | 962      | 2.452    | ug/l  | # 78     |
| 13) Acrolein                  | 2.203  | 56    | 1239     | 3.981    | ug/l  | # 1      |
| 14) Allyl chloride            | 2.770  | 41    | 8326     | 3.552    | ug/l  | # 73     |
| 15) Acrylonitrile             | 3.099  | 53    | 1424     | 1.591    | ug/l  | # 37     |
| 16) Acetone                   | 2.392  | 43    | 10256    | 8.098    | ug/l  | 99       |
| 18) Methyl Acetate            | 2.703  | 43    | 1172     | 0.584    | ug/l  | # 74     |
| 19) Methyl tert-butyl Ether   | 3.123  | 73    | 8563     | 1.684    | ug/l  | # 1      |
| 20) Methylene Chloride        | 2.782  | 84    | 558      | 0.328    | ug/l  | 89       |
| 23) Vinyl Acetate             | 3.721  | 43    | 4290     | 0.965    | ug/l  | # 73     |
| 24) 1,1-Dichloroethane        | 3.727  | 63    | 1338     | 0.477    | ug/l  | # 83     |
| 25) 2-Butanone                | 4.599  | 43    | 3289     | 2.593    | ug/l  | 99       |
| 29) Tetrahydrofuran           | 5.190  | 42    | 3966     | 4.781    | ug/l  | # 34     |
| 30) Chloroform                | 5.178  | 83    | 8739     | 2.993    | ug/l  | # 19     |
| 31) Cyclohexane               | 5.464  | 56    | 78081    | 33.009   | ug/l  | 92       |
| 36) 1,1-Dichloropropene       | 5.544  | 75    | 11324    | 5.597    | ug/l  | # 51     |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 15479    | 6.679    | ug/l  | # 15     |
| 39) Methylcyclohexane         | 7.379  | 83    | 49806    | 20.955   | ug/l  | 95       |
| 40) Benzene                   | 6.037  | 78    | 90905    | 14.576   | ug/l  | 98       |
| 41) Methacrylonitrile         | 5.093  | 41    | 1159     | 0.892    | ug/l  | # 25     |
| 43) Isopropyl Acetate         | 6.361  | 43    | 2460     | 0.648    | ug/l  | # 62     |
| 45) 1,2-Dichloropropane       | 7.373  | 63    | 805      | 0.578    | ug/l  | # 1      |
| 47) Bromodichloromethane      | 7.879  | 83    | 621      | 0.314    | ug/l  | # 26     |
| 48) Methyl methacrylate       | 7.653  | 41    | 5697     | 3.274    | ug/l  | # 53     |
| 51) 4-Methyl-2-Pentanone      | 8.592  | 43    | 913      | 0.401    | ug/l  | # 59     |
| 52) Toluene                   | 8.720  | 92    | 18841    | 4.938    | ug/l  | 93       |
| 56) Ethyl methacrylate        | 9.098  | 69    | 1260     | 0.554    | ug/l  | # 16     |
| 58) 2-Chloroethyl Vinyl ether | 8.196  | 63    | 429      | 0.389    | ug/l  | # 47     |
| 59) 2-Hexanone                | 9.464  | 43    | 649      | 0.356    | ug/l  | 89       |
| 67) Ethyl Benzene             | 10.195 | 91    | 15861    | 2.156    | ug/l  | 96       |
| 68) m/p-Xylenes               | 10.299 | 106   | 66315    | 22.513   | ug/l  | 96       |
| 69) o-Xylene                  | 10.646 | 106   | 2693     | 0.955    | ug/l  | 90       |
| 73) Isopropylbenzene          | 10.963 | 105   | 636756   | 86.431   | ug/l  | 96       |
| 74) N-amyl acetate            | 10.854 | 43    | 1337     | 0.415    | ug/l  | # 1      |
| 75) 1,1,2,2-Tetrachloroethane | 11.219 | 83    | 1665     | 0.690    | ug/l  | # 40     |

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 Sample : P2264-17RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 03 01:37:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 01 02:38:17 2024  
 Response via : Initial Calibration

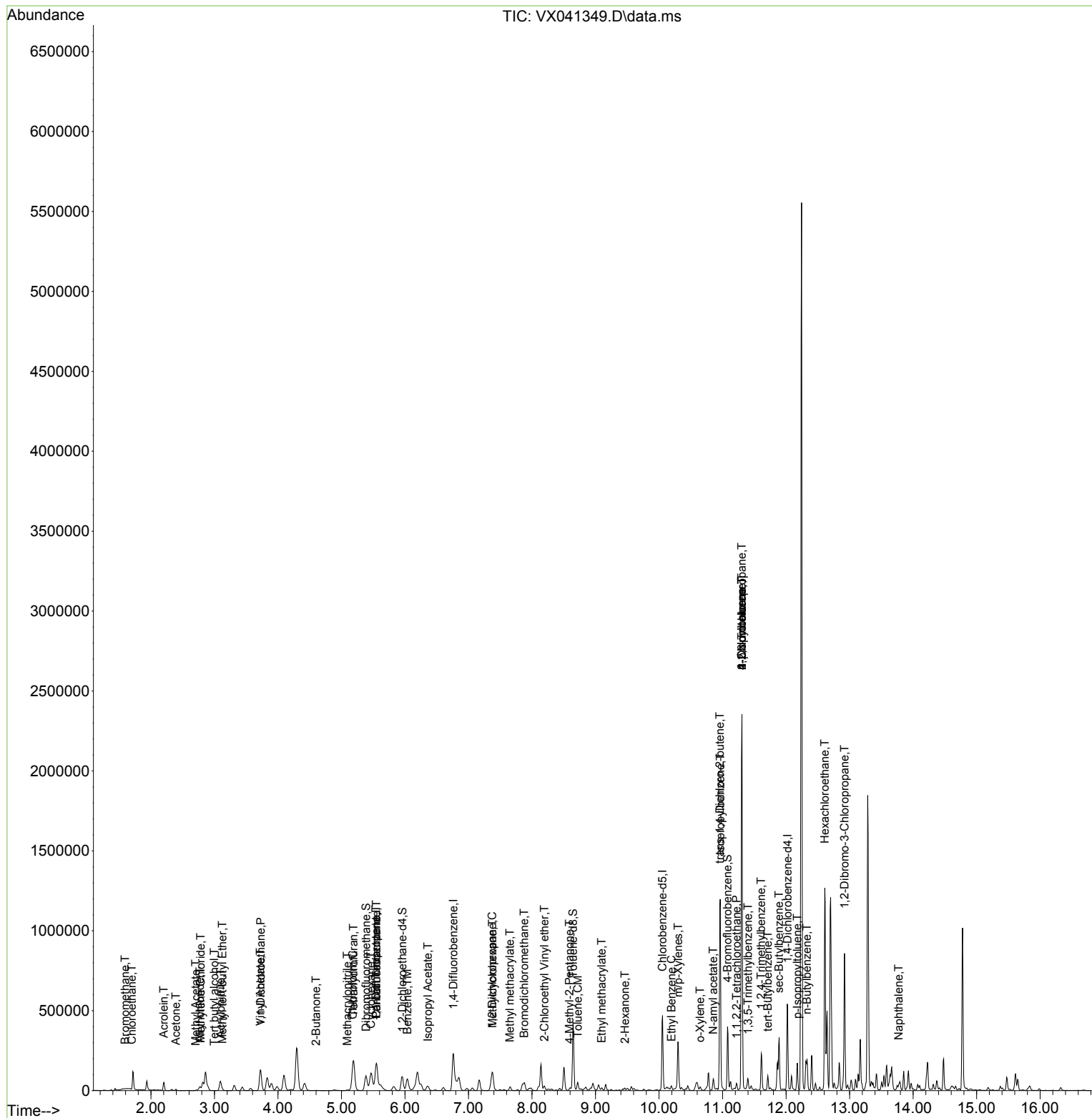
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |  |
|-------------------------------|--------|------|----------|---------|--------|----------|--|
| -----                         |        |      |          |         |        |          |  |
| 76) 1,2,3-Trichloropropane    | 11.305 | 75   | 9256     | 4.706   | ug/l # | 1        |  |
| 78) n-propylbenzene           | 11.305 | 91   | 1389219  | 179.539 | ug/l   | 95       |  |
| 79) 2-Chlorotoluene           | 11.305 | 91   | 1389219  | 278.605 | ug/l # | 42       |  |
| 80) 1,3,5-Trimethylbenzene    | 11.402 | 105  | 36864    | 6.138   | ug/l   | 72       |  |
| 81) trans-1,4-Dichloro-2-b... | 10.957 | 75   | 7696     | 10.658  | ug/l # | 67       |  |
| 82) 4-Chlorotoluene           | 11.305 | 91   | 1389219  | 245.410 | ug/l # | 46       |  |
| 83) tert-Butylbenzene         | 11.713 | 119  | 33232    | 5.167   | ug/l   | 97       |  |
| 84) 1,2,4-Trimethylbenzene    | 11.610 | 105  | 99082    | 16.396  | ug/l   | 82       |  |
| 85) sec-Butylbenzene          | 11.890 | 105  | 170526   | 23.137  | ug/l   | 98       |  |
| 86) p-Isopropyltoluene        | 12.177 | 119  | 74390    | 11.238  | ug/l   | 95       |  |
| 89) n-Butylbenzene            | 12.329 | 91   | 87621    | 16.462  | ug/l # | 80       |  |
| 90) Hexachloroethane          | 12.609 | 117  | 57925    | 52.328  | ug/l # | 17       |  |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75   | 2600     | 4.661   | ug/l # | 9        |  |
| 95) Naphthalene               | 13.774 | 128  | 22096    | 2.672   | ug/l # | 91       |  |
| -----                         |        |      |          |         |        |          |  |

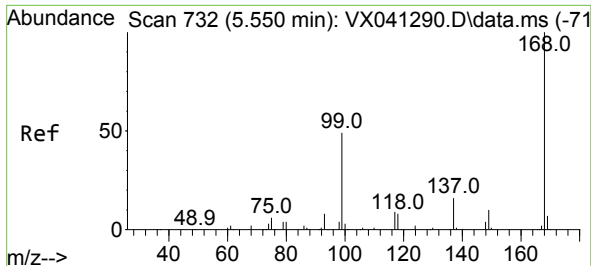
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

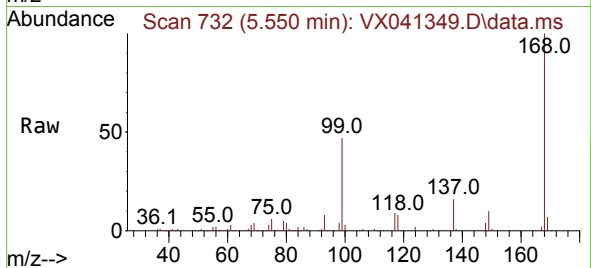
Quant Time: May 03 01:37:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 01 02:38:17 2024  
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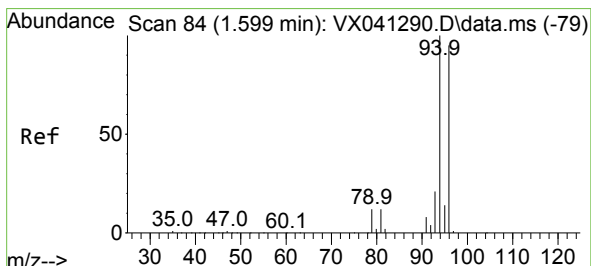
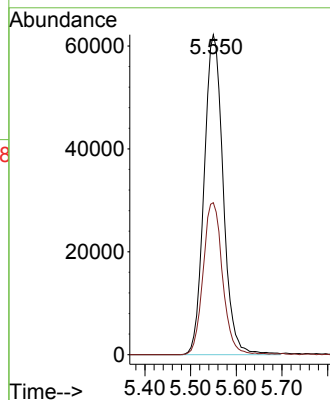
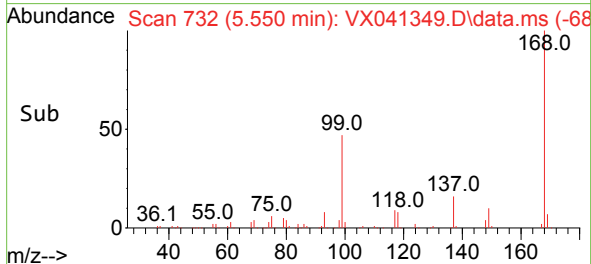


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :

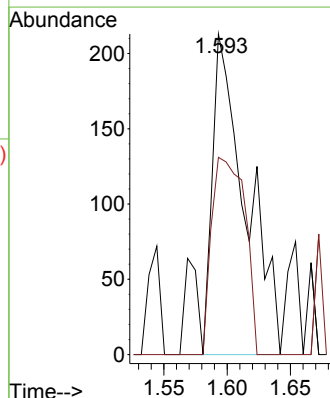
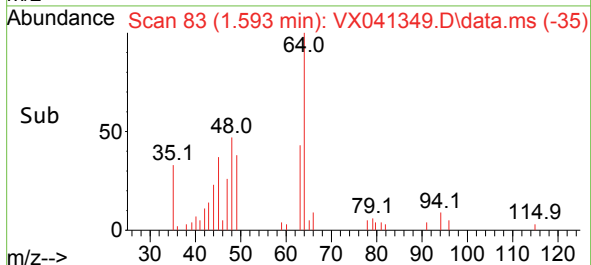
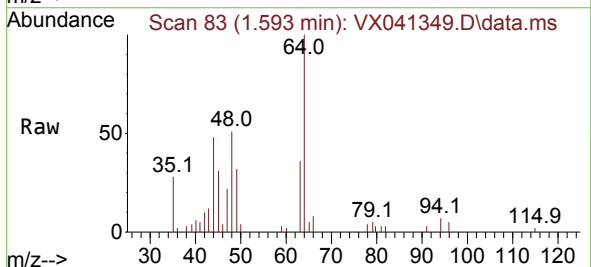


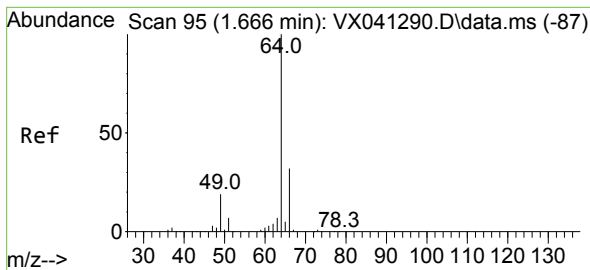
Tgt Ion:168 Resp: 180032  
Ion Ratio Lower Upper  
168 100  
99 47.5 56.6 85.0#



#5  
Bromomethane  
Concen: 0.471 ug/l  
RT: 1.593 min Scan# 83  
Delta R.T. -0.006 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Tgt Ion: 94 Resp: 431  
Ion Ratio Lower Upper  
94 100  
96 61.5 74.6 111.8#





#6

Chloroethane

Concen: 1.919 ug/l

RT: 1.697 min Scan# 10

Delta R.T. 0.031 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA\_X

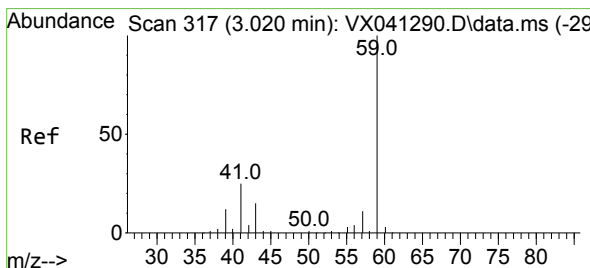
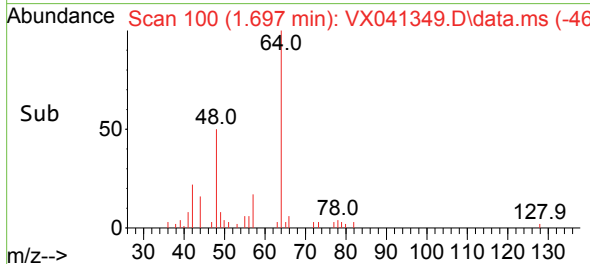
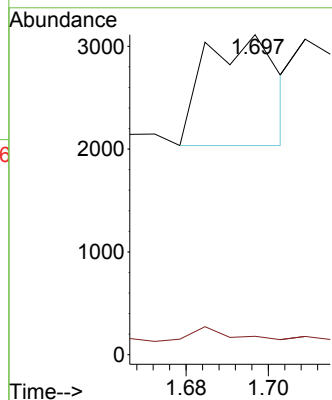
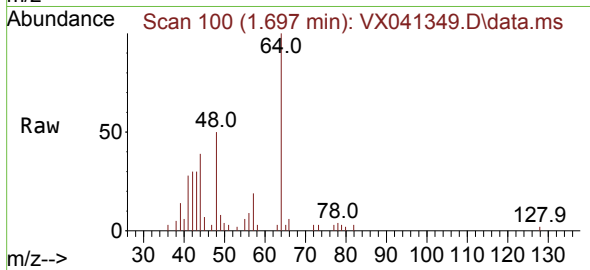
ClientSampleId :

Tgt Ion: 64 Resp: 1300

Ion Ratio Lower Upper

64 100

66 3.2 25.1 37.7#



#11

Tert butyl alcohol

Concen: 2.452 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.024 min

Lab File: VX041349.D

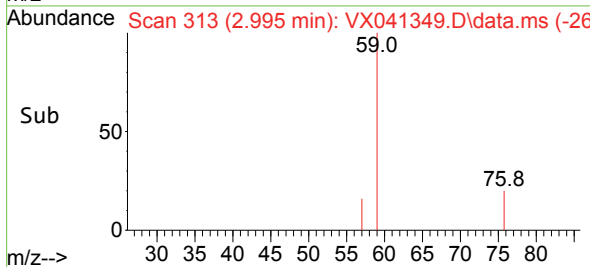
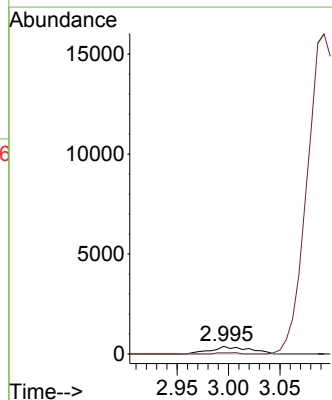
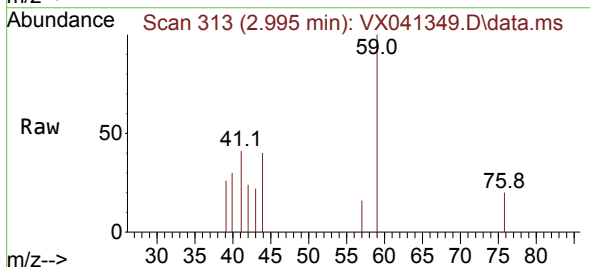
Acq: 02 May 2024 13:27

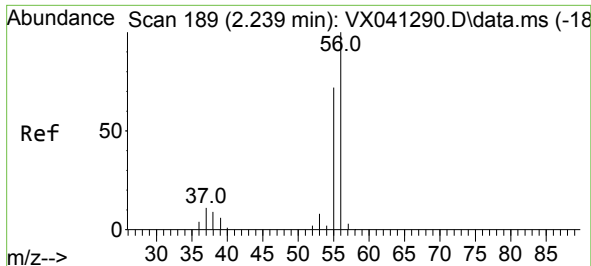
Tgt Ion: 59 Resp: 962

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#13

Acrolein

Concen: 3.981 ug/l

RT: 2.203 min Scan# 11

Delta R.T. -0.037 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA\_X

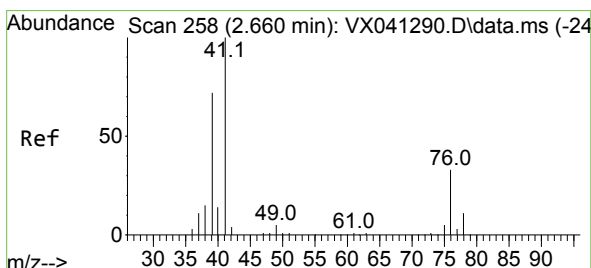
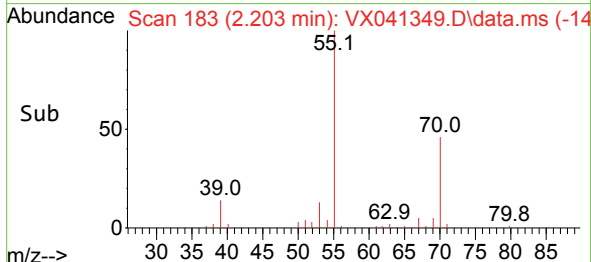
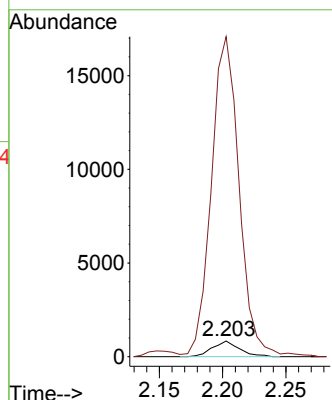
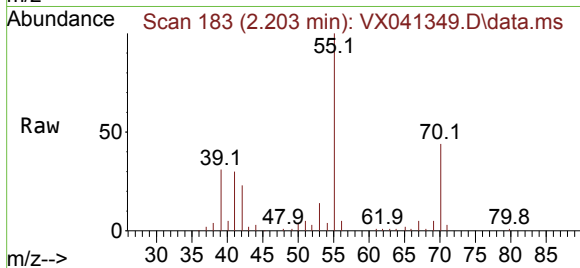
ClientSampleId :

Tgt Ion: 56 Resp: 1239

Ion Ratio Lower Upper

56 100

55 2113.6 57.1 85.7#



#14

Allyl chloride

Concen: 3.552 ug/l

RT: 2.770 min Scan# 276

Delta R.T. 0.110 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

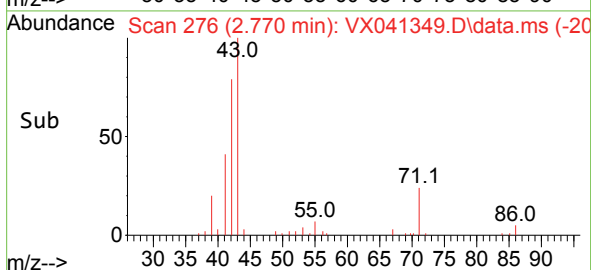
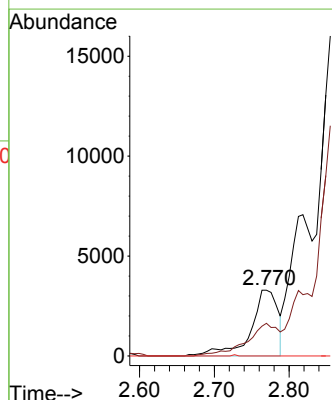
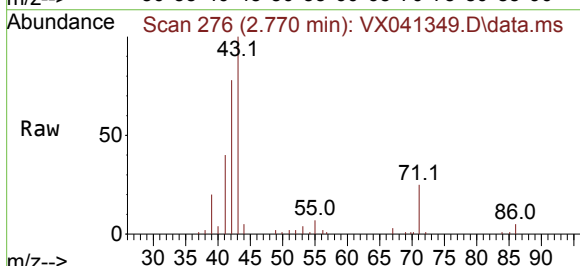
Tgt Ion: 41 Resp: 8326

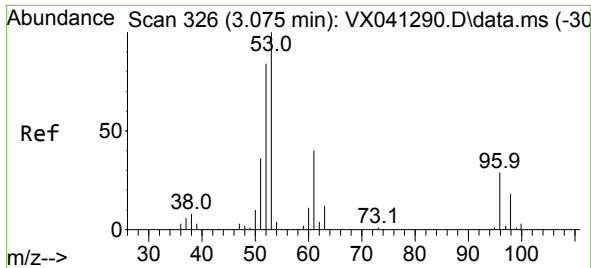
Ion Ratio Lower Upper

41 100

39 57.4 55.8 83.6

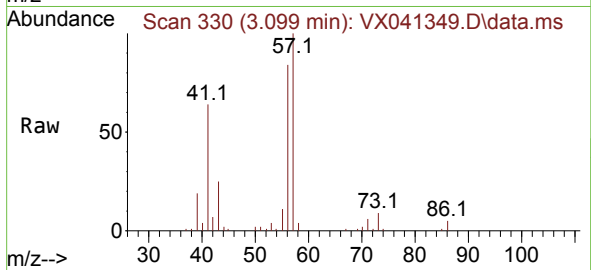
76 0.0 24.3 36.5#



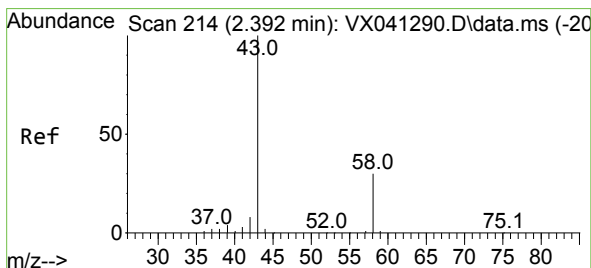
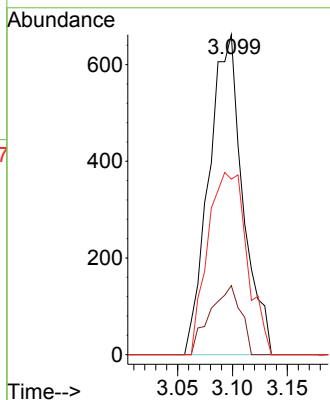
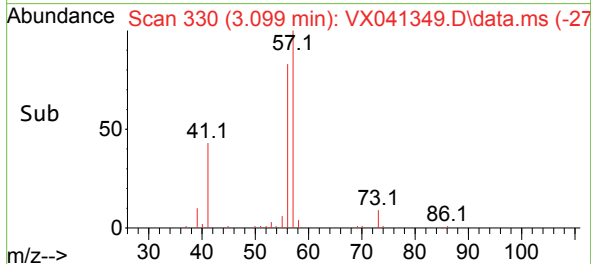


#15  
Acrylonitrile  
Concen: 1.591 ug/l  
RT: 3.099 min Scan# 31  
Delta R.T. 0.024 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

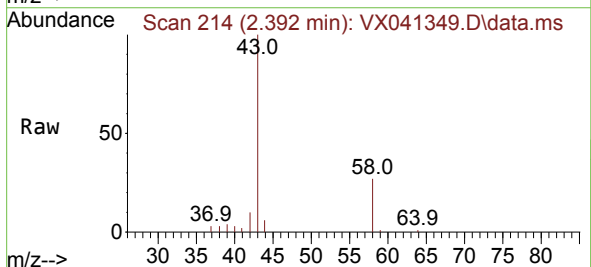
Instrument :  
MSVOA\_X  
ClientSampleId :



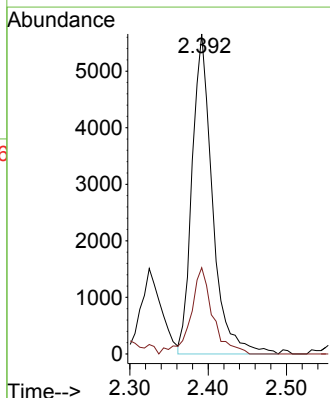
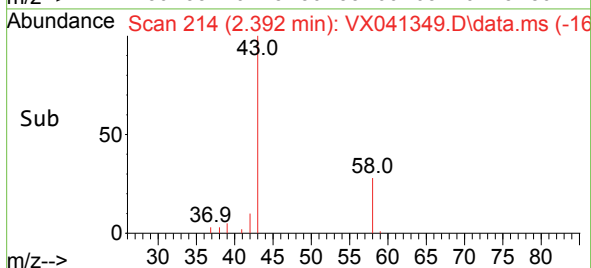
Tgt Ion: 53 Resp: 1424  
Ion Ratio Lower Upper  
53 100  
52 19.5 66.0 99.0#  
51 66.0 29.8 44.6#

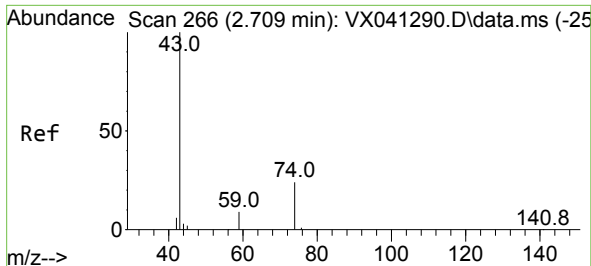


#16  
Acetone  
Concen: 8.098 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27



Tgt Ion: 43 Resp: 10256  
Ion Ratio Lower Upper  
43 100  
58 27.0 21.9 32.9





#18

Methyl Acetate

Concen: 0.584 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA\_X

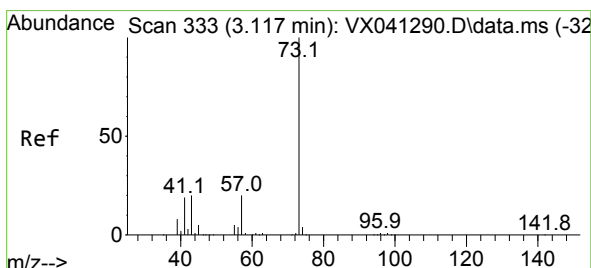
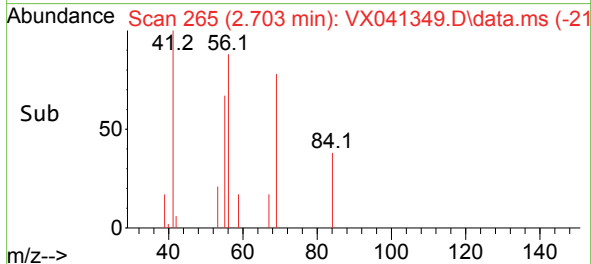
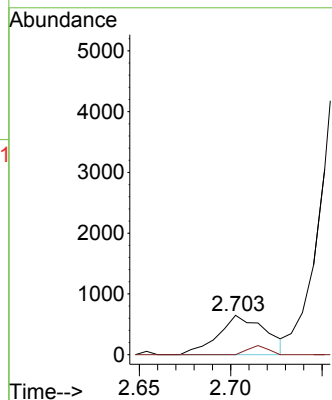
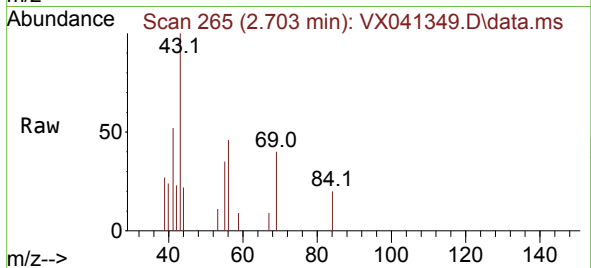
ClientSampleId :

Tgt Ion: 43 Resp: 1172

Ion Ratio Lower Upper

43 100

74 9.6 17.8 26.8#



#19

Methyl tert-butyl Ether

Concen: 1.684 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX041349.D

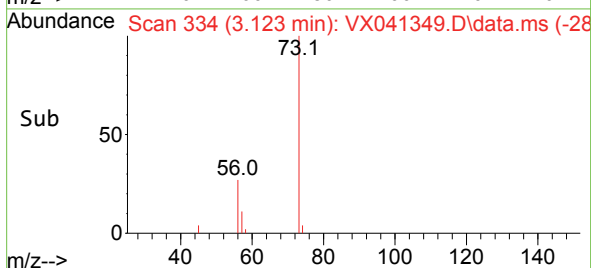
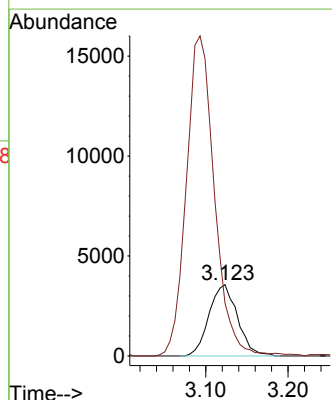
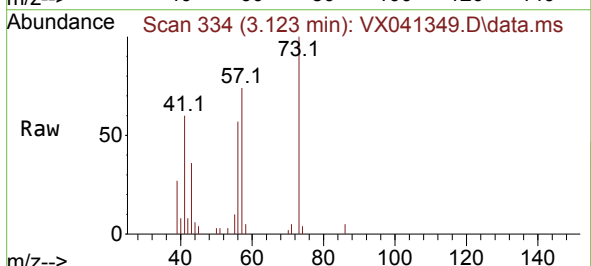
Acq: 02 May 2024 13:27

Tgt Ion: 73 Resp: 8563

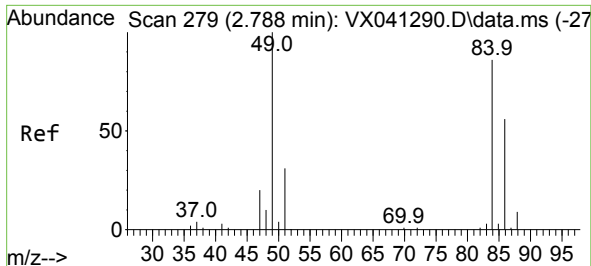
Ion Ratio Lower Upper

73 100

57 70.9 17.3 25.9#

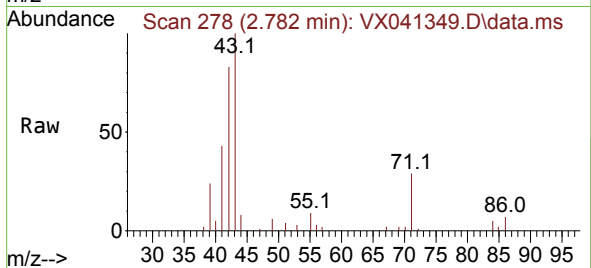




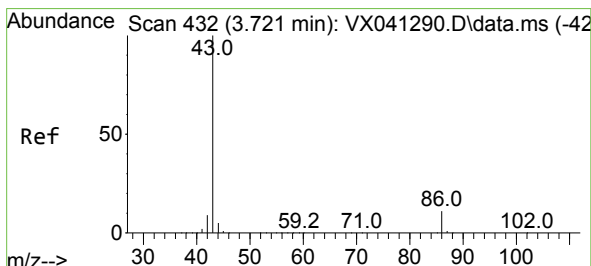
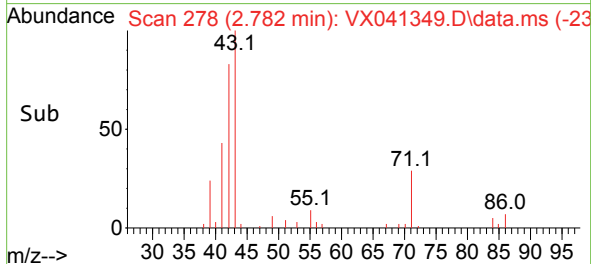
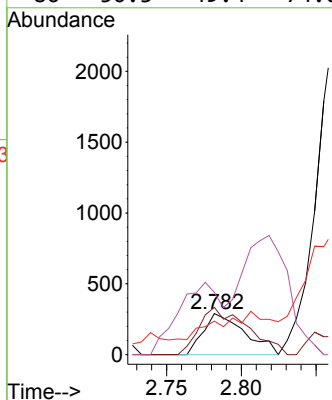


#20  
Methylene Chloride  
Concen: 0.328 ug/l  
RT: 2.782 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :

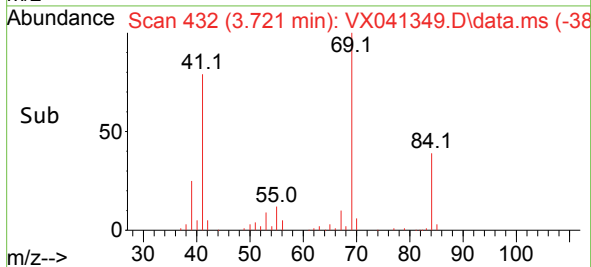
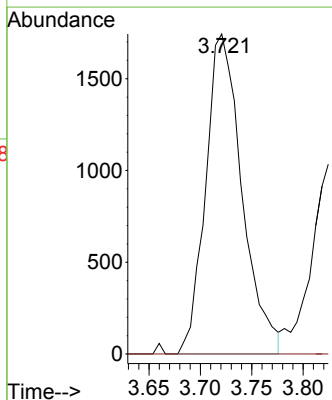
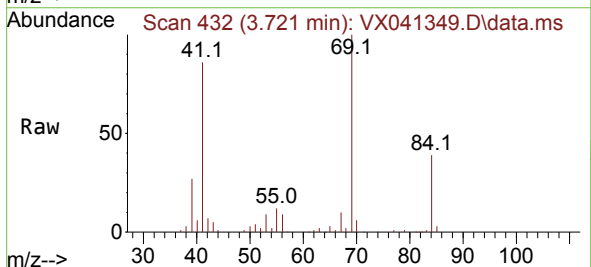


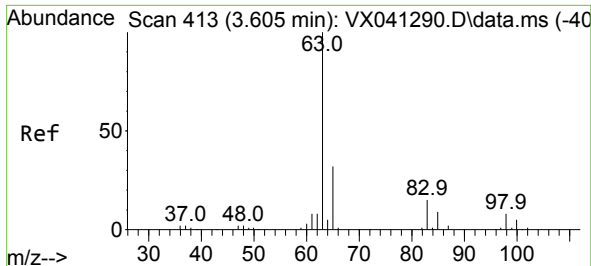
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 558   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 115.2 | 103.6 | 155.4 |
| 51       | 43.4  | 33.8  | 50.6  |
| 86       | 50.3  | 49.4  | 74.0  |



#23  
Vinyl Acetate  
Concen: 0.965 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

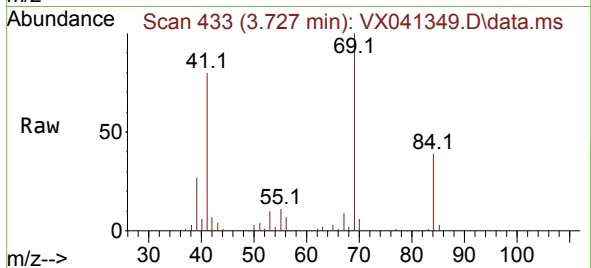
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4290  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 0.0   | 7.8   | 11.8# |



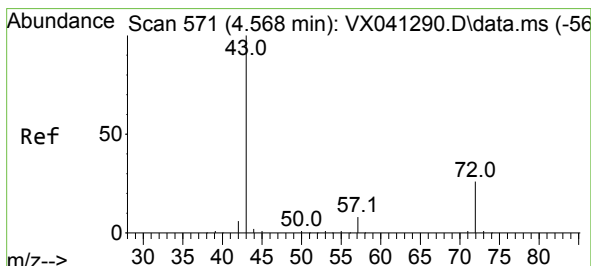
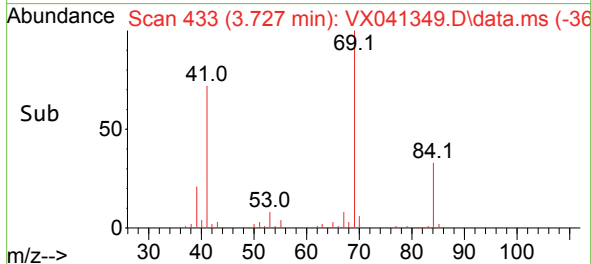
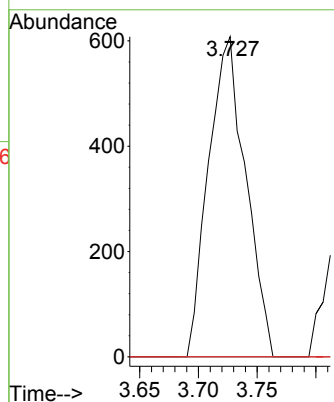


#24  
 1,1-Dichloroethane  
 Concen: 0.477 ug/l  
 RT: 3.727 min Scan# 413  
 Delta R.T. 0.122 min  
 Lab File: VX041349.D  
 Acq: 02 May 2024 13:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :

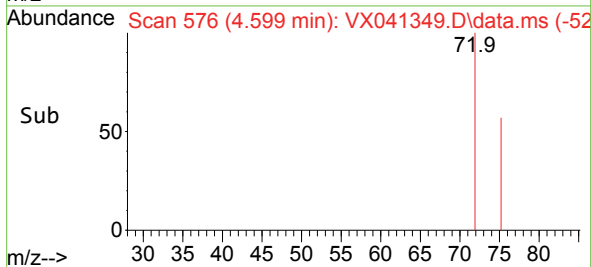
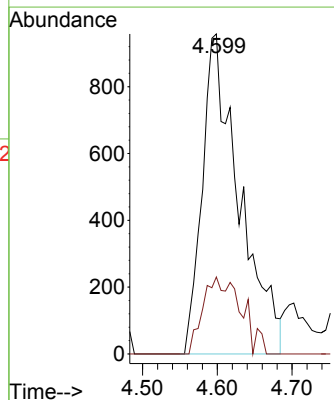
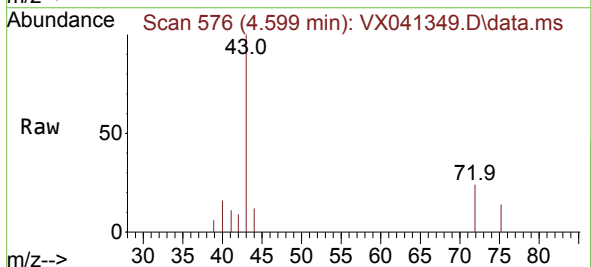


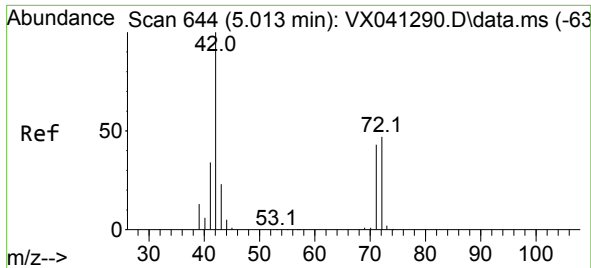
Tgt Ion: 63 Resp: 1338  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.3 9.8#  
 100 0.0 2.1 6.5#



#25  
 2-Butanone  
 Concen: 2.593 ug/l  
 RT: 4.599 min Scan# 576  
 Delta R.T. 0.031 min  
 Lab File: VX041349.D  
 Acq: 02 May 2024 13:27

Tgt Ion: 43 Resp: 3289  
 Ion Ratio Lower Upper  
 43 100  
 72 24.0 19.4 29.2





#29

Tetrahydrofuran

Concen: 4.781 ug/l

RT: 5.190 min Scan# 61

Delta R.T. 0.177 min

Lab File: VX041349.D

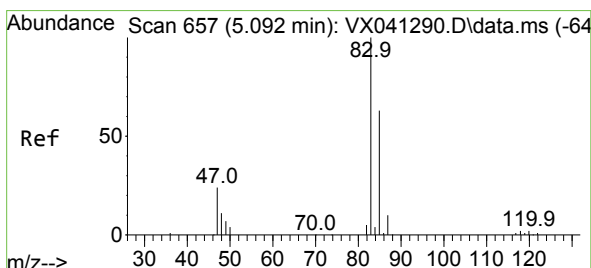
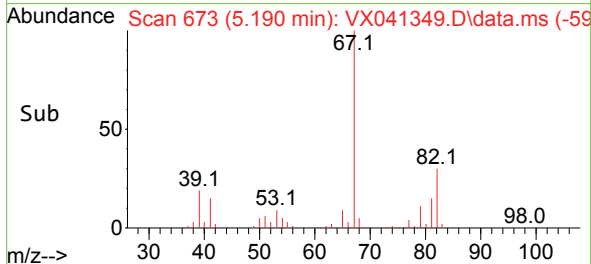
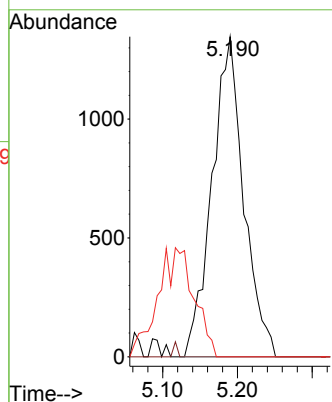
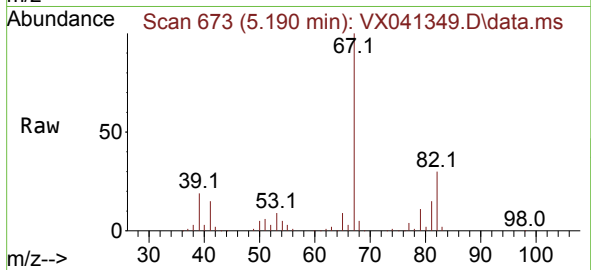
Acq: 02 May 2024 13:27

Instrument :

MSVOA\_X

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 42 | Resp: 3966  |
| Ion Ratio   | Lower Upper |
| 42 100      |             |
| 72 0.0      | 34.2 51.4#  |
| 71 0.0      | 32.2 48.2#  |



#30

Chloroform

Concen: 2.993 ug/l

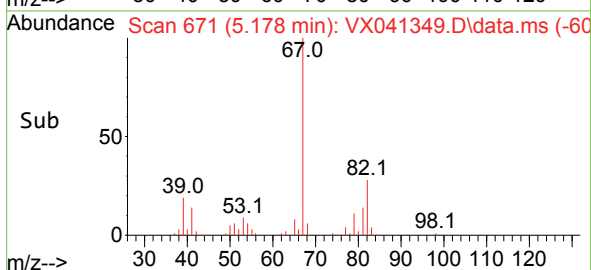
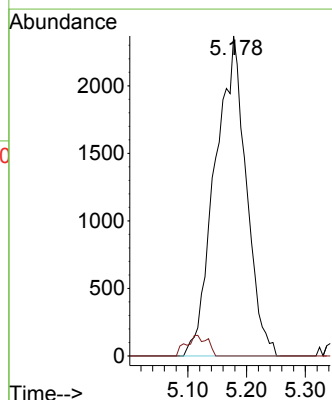
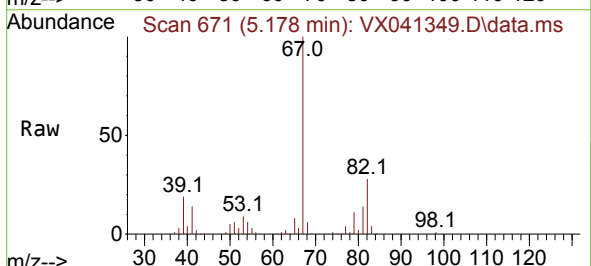
RT: 5.178 min Scan# 671

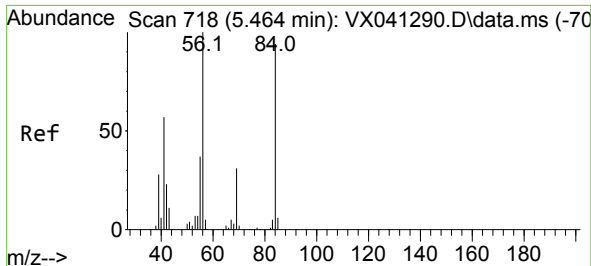
Delta R.T. 0.085 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

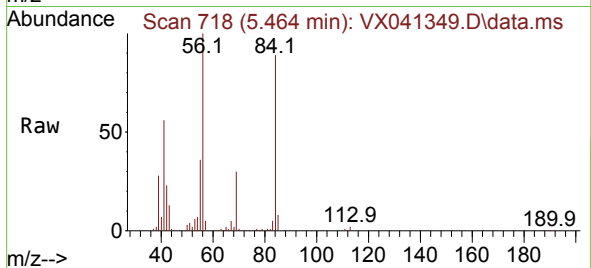
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 8739  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 0.0      | 50.3 75.5#  |



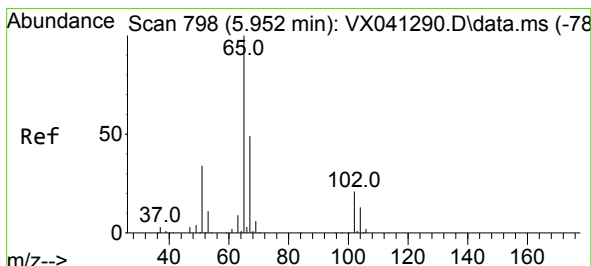
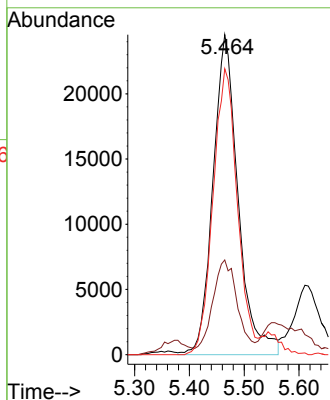
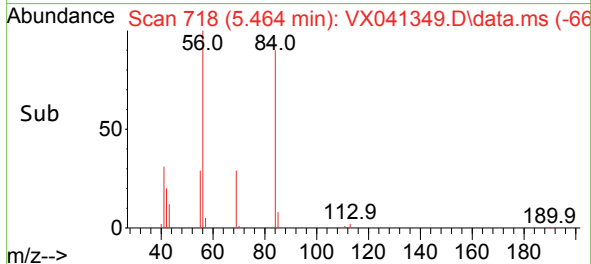


#31  
Cyclohexane  
Concen: 33.009 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :

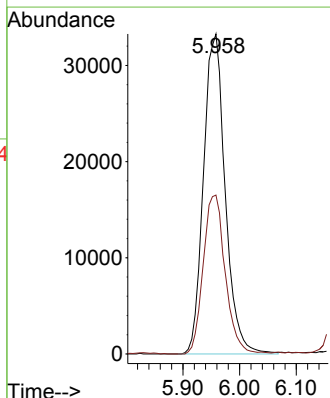
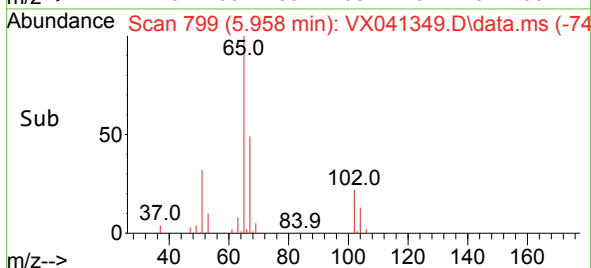
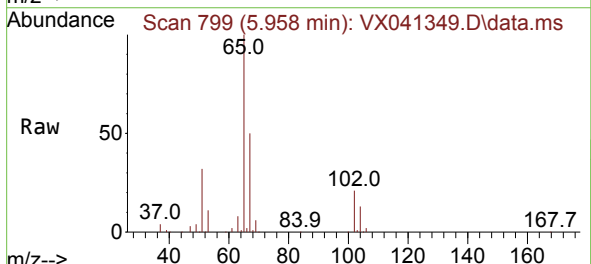


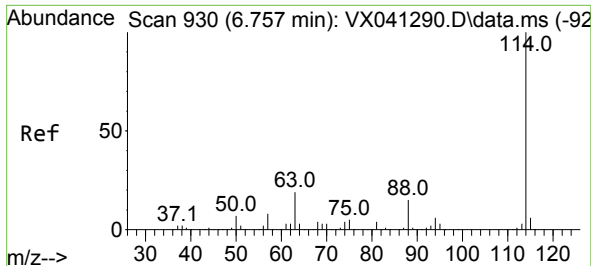
Tgt Ion: 56 Resp: 78081  
Ion Ratio Lower Upper  
56 100  
69 25.2 23.4 35.2  
84 90.0 65.9 98.9



#33  
1,2-Dichloroethane-d4  
Concen: 45.169 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

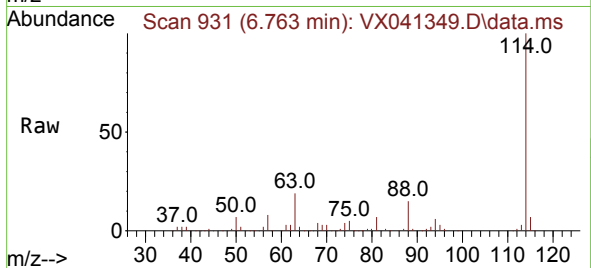
Tgt Ion: 65 Resp: 88526  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 100.2



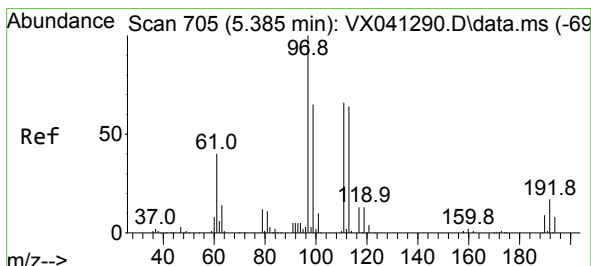
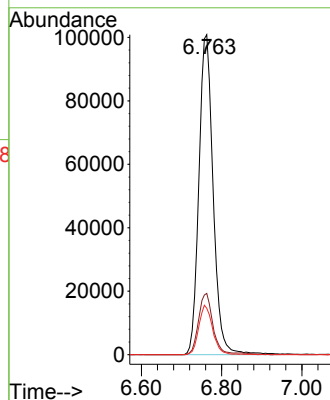
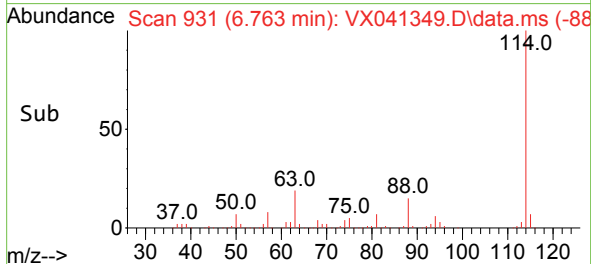


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :

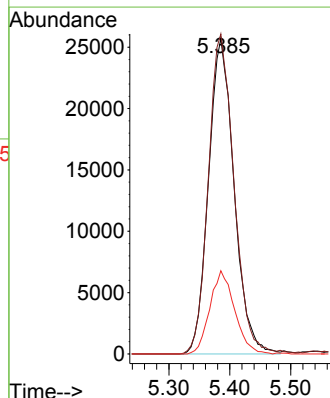
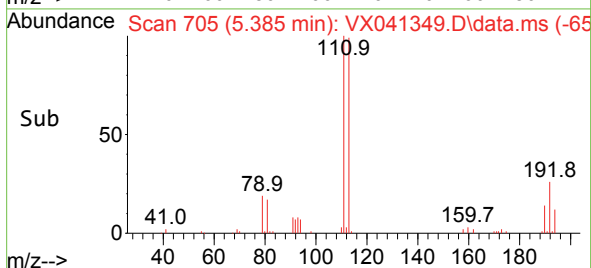
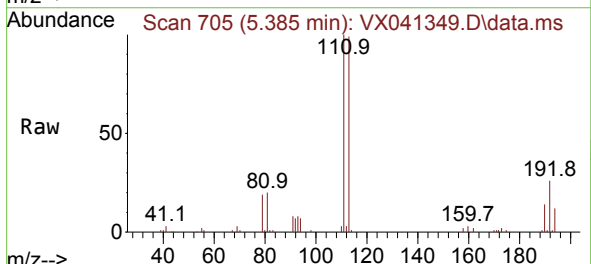


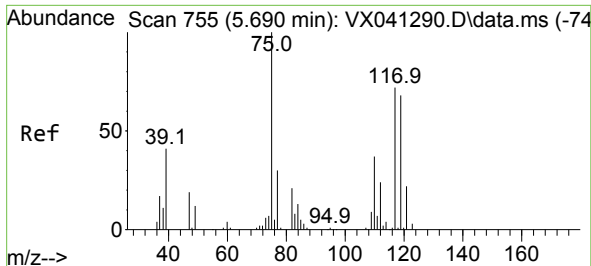
Tgt Ion:114 Resp: 249666  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 45.0  
88 14.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.220 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

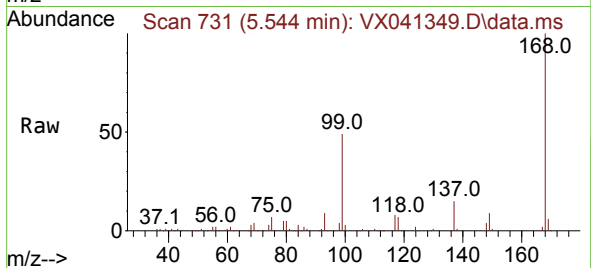
Tgt Ion:113 Resp: 74816  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.9 124.3  
192 25.6 13.3 19.9#



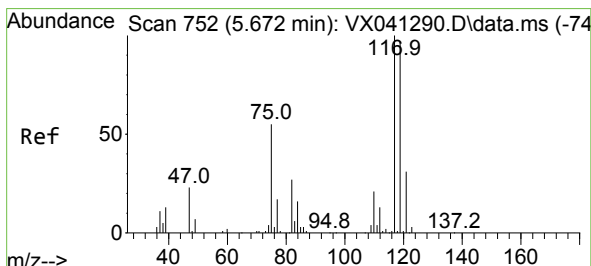
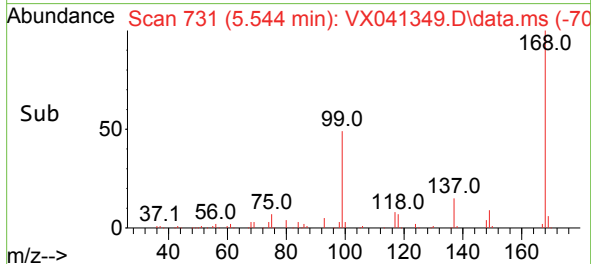
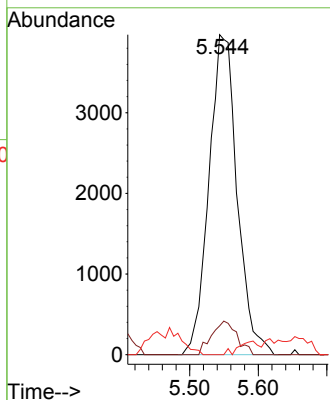


#36  
1,1-Dichloropropene  
Concen: 5.597 ug/l  
RT: 5.544 min Scan# 711  
Delta R.T. -0.146 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :

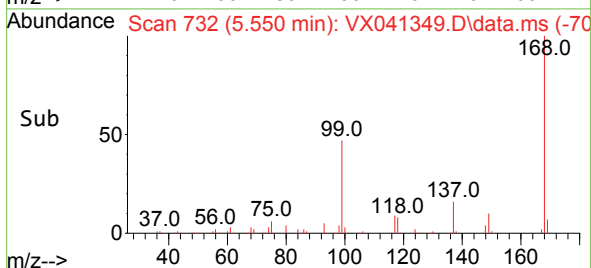
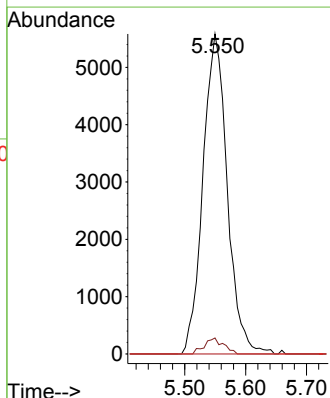
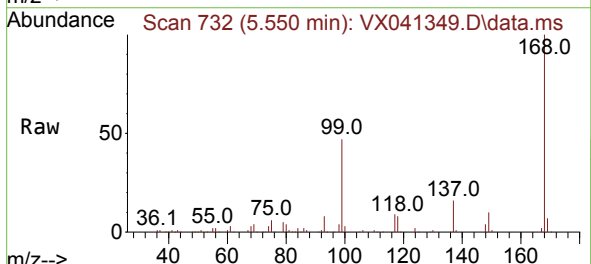


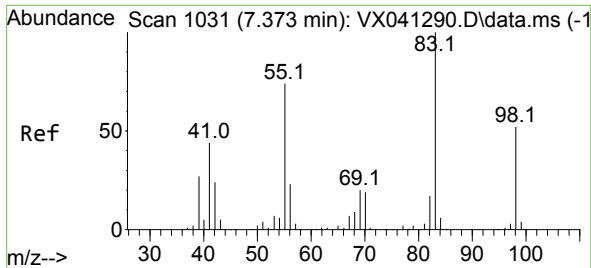
Tgt Ion: 75 Resp: 11324  
Ion Ratio Lower Upper  
75 100  
110 9.4 17.0 50.9#  
77 0.0 24.7 37.1#



#38  
Carbon Tetrachloride  
Concen: 6.679 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.122 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Tgt Ion: 117 Resp: 15479  
Ion Ratio Lower Upper  
117 100  
119 5.0 78.2 117.2#  
121 0.0 24.4 36.6#

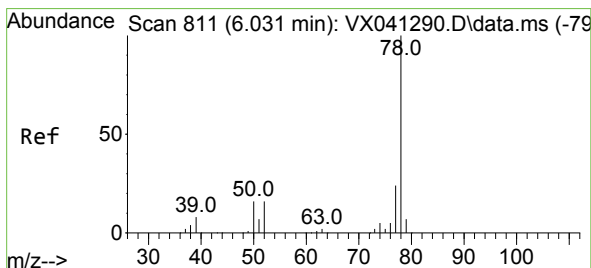
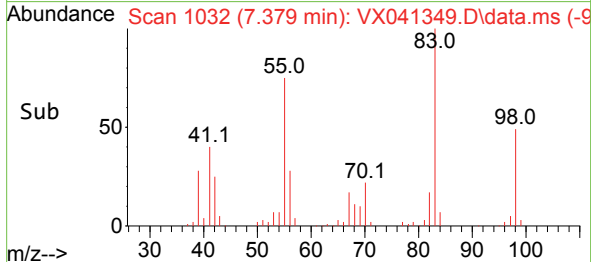
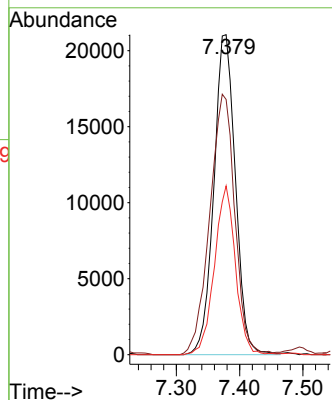
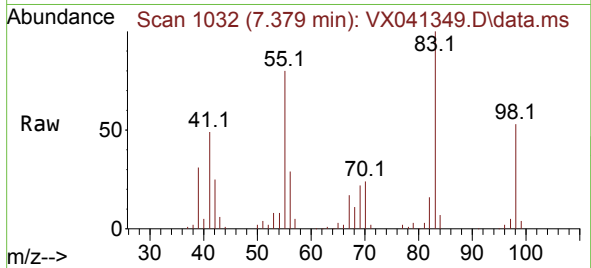




#39  
Methylcyclohexane  
Concen: 20.955 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.006 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

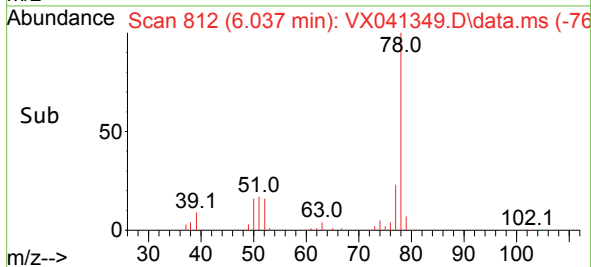
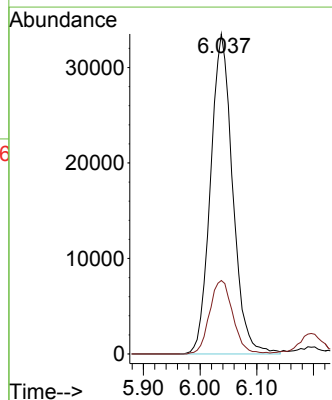
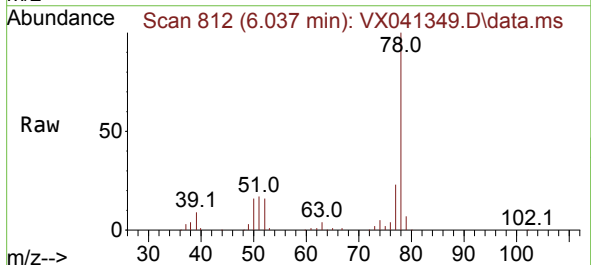
Instrument :  
MSVOA\_X  
ClientSampleId :

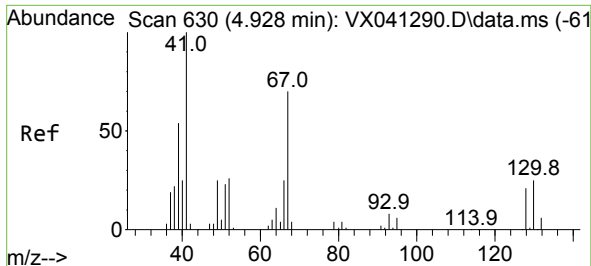
Tgt Ion: 83 Resp: 49806  
Ion Ratio Lower Upper  
83 100  
55 79.7 64.6 97.0  
98 52.8 36.7 55.1



#40  
Benzene  
Concen: 14.576 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.006 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

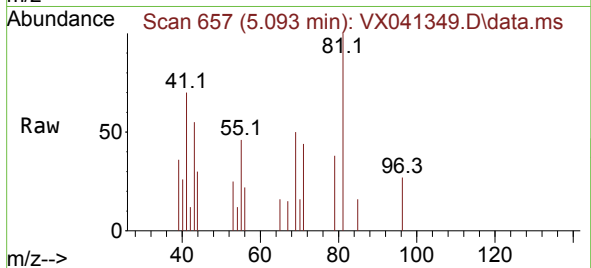
Tgt Ion: 78 Resp: 90905  
Ion Ratio Lower Upper  
78 100  
77 22.9 19.3 28.9



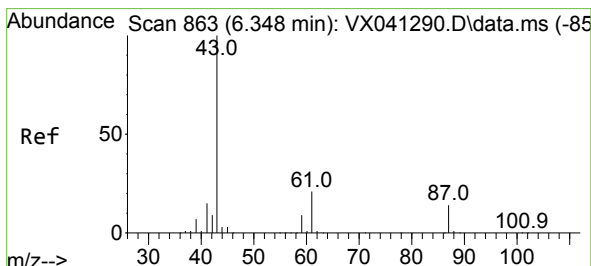
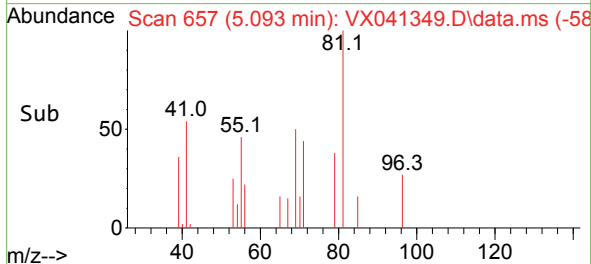
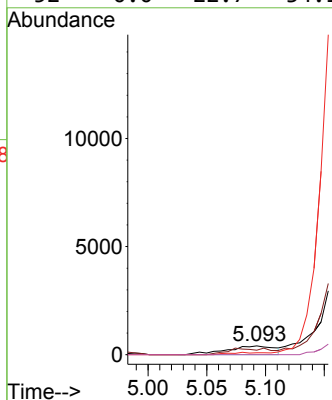


#41  
Methacrylonitrile  
Concen: 0.892 ug/l  
RT: 5.093 min Scan# 611  
Delta R.T. 0.165 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :

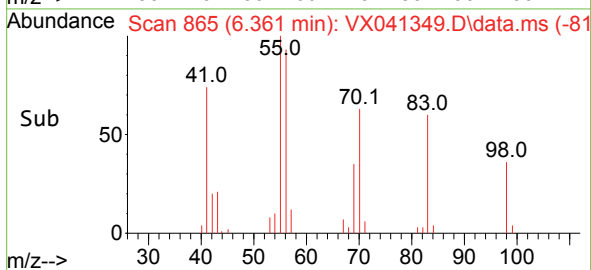
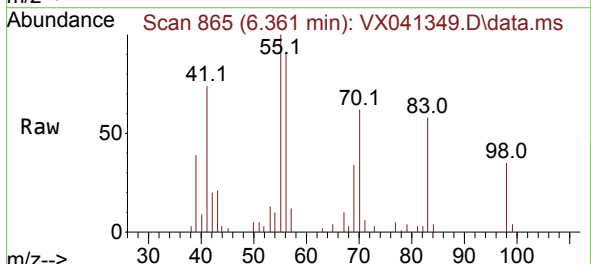
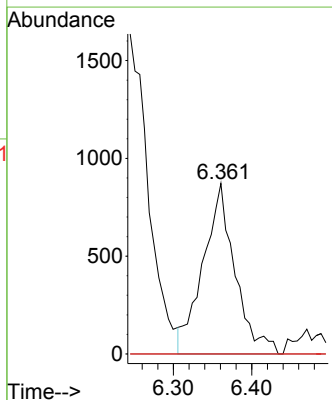


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 1159  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 45.2  | 67.8# |
| 67       | 0.0   | 52.6  | 78.8# |
| 52       | 0.0   | 22.7  | 34.1# |

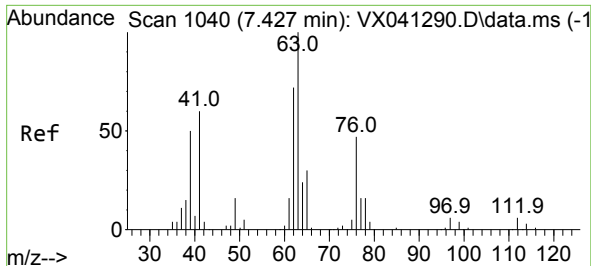


#43  
Isopropyl Acetate  
Concen: 0.648 ug/l  
RT: 6.361 min Scan# 865  
Delta R.T. 0.012 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2460  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 15.2  | 22.8# |
| 87       | 0.0   | 9.8   | 14.6# |

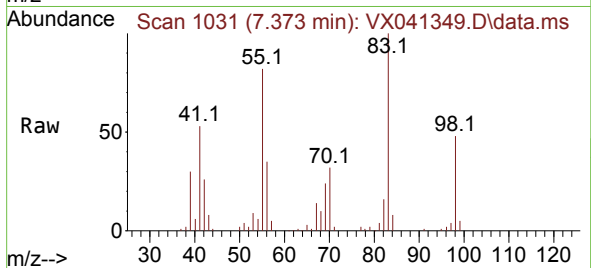




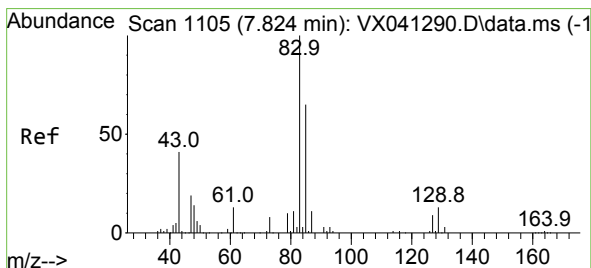
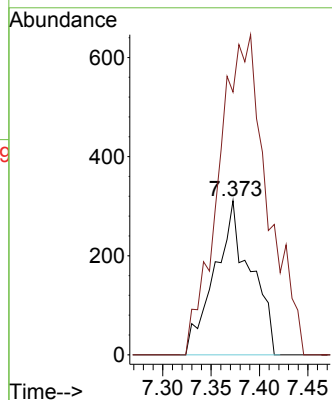
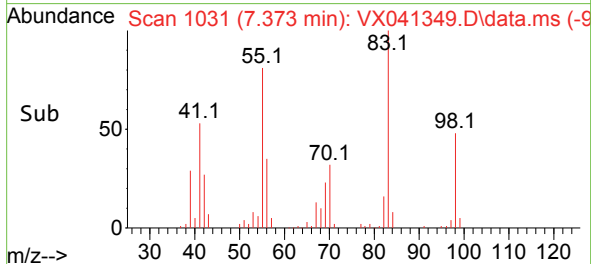


#45  
1,2-Dichloropropane  
Concen: 0.578 ug/l  
RT: 7.373 min Scan# 1105  
Delta R.T. -0.055 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :

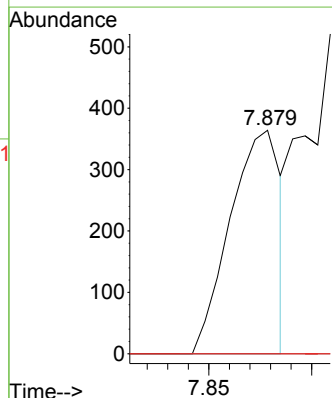
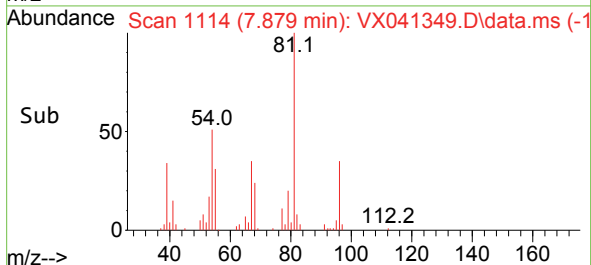
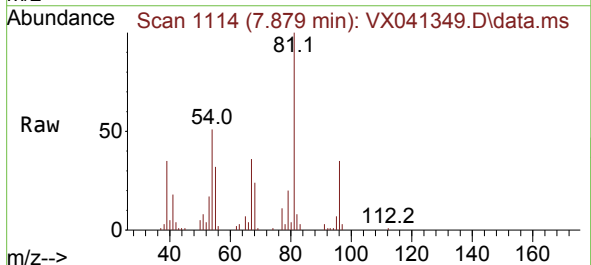


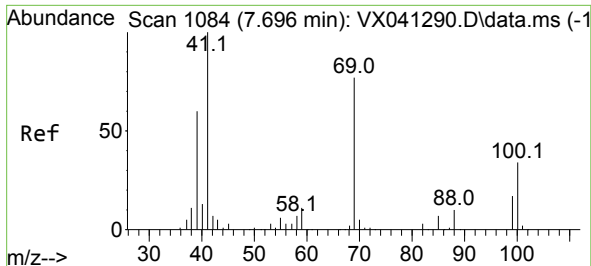
Tgt Ion: 63 Resp: 805  
Ion Ratio Lower Upper  
63 100  
65 170.4 24.3 36.5#



#47  
Bromodichloromethane  
Concen: 0.314 ug/l  
RT: 7.879 min Scan# 1114  
Delta R.T. 0.055 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Tgt Ion: 83 Resp: 621  
Ion Ratio Lower Upper  
83 100  
85 0.0 49.8 74.6#  
127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 3.274 ug/l

RT: 7.653 min Scan# 1084

Delta R.T. -0.043 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA\_X

ClientSampleId :

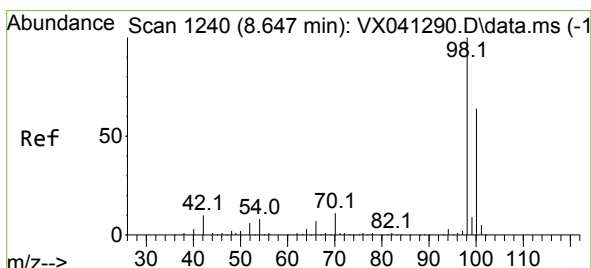
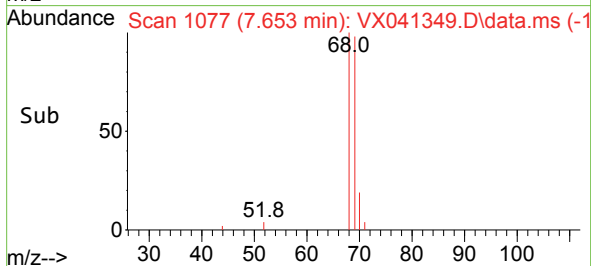
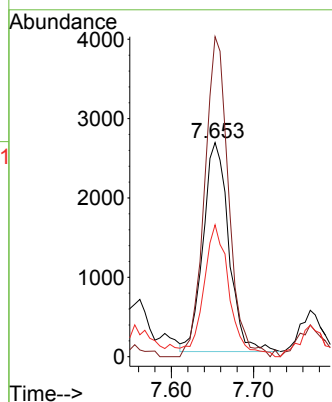
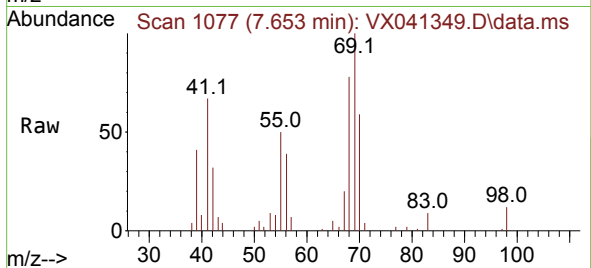
Tgt Ion: 41 Resp: 5697

Ion Ratio Lower Upper

41 100

69 143.0 59.2 88.8#

39 62.9 47.7 71.5



#50

Toluene-d8

Concen: 46.980 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041349.D

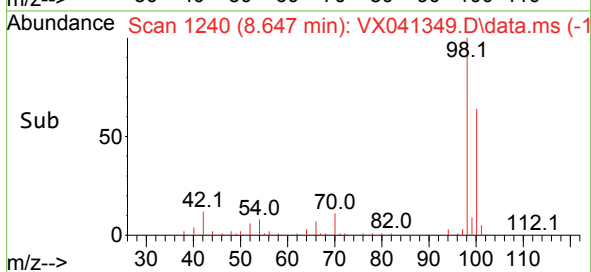
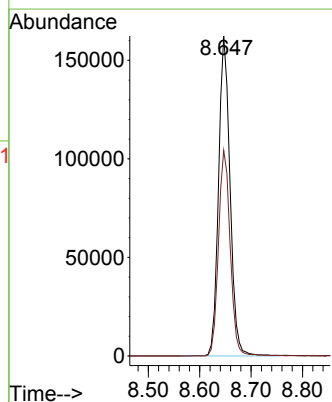
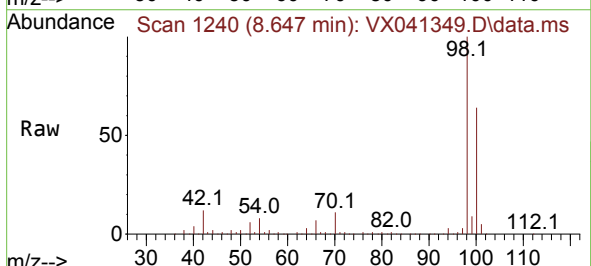
Acq: 02 May 2024 13:27

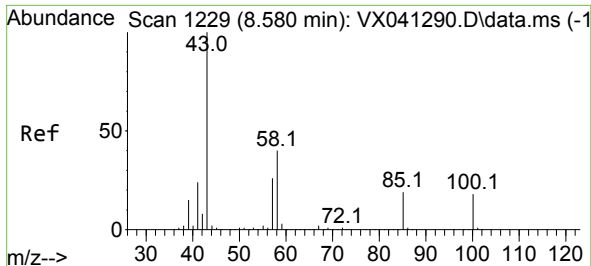
Tgt Ion: 98 Resp: 251583

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7

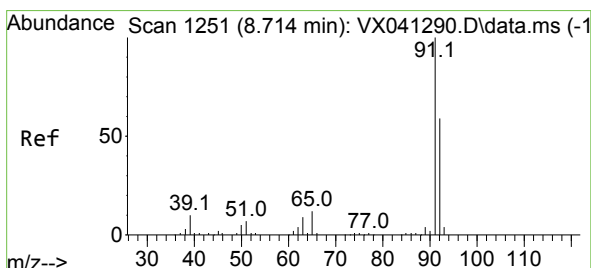
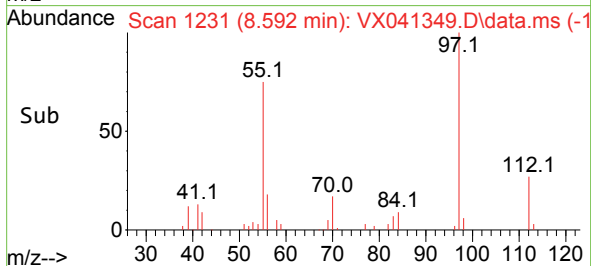
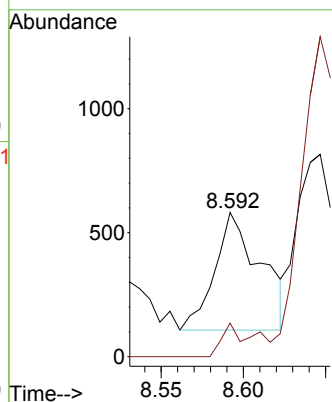
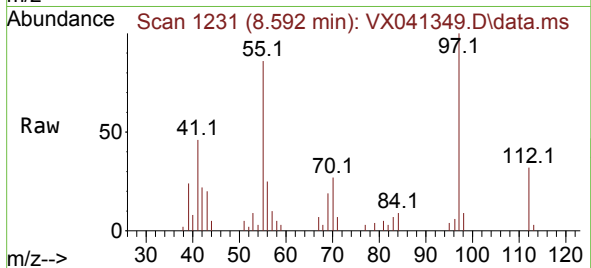




#51  
4-Methyl-2-Pentanone  
Concen: 0.401 ug/l  
RT: 8.592 min Scan# 1231  
Delta R.T. 0.012 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

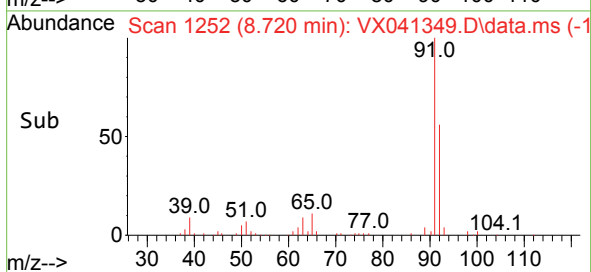
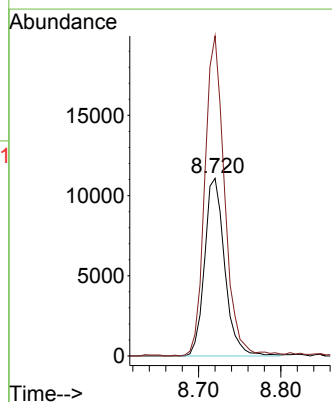
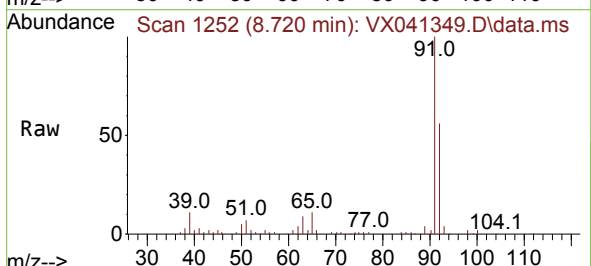
Instrument :  
MSVOA\_X  
ClientSampleId :

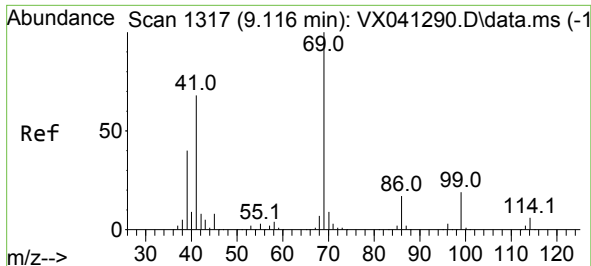
Tgt Ion: 43 Resp: 913  
Ion Ratio Lower Upper  
43 100  
58 13.5 30.4 45.6#



#52  
Toluene  
Concen: 4.938 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Tgt Ion: 92 Resp: 18841  
Ion Ratio Lower Upper  
92 100  
91 177.5 134.2 201.2

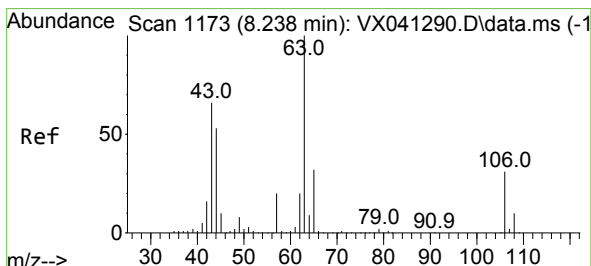
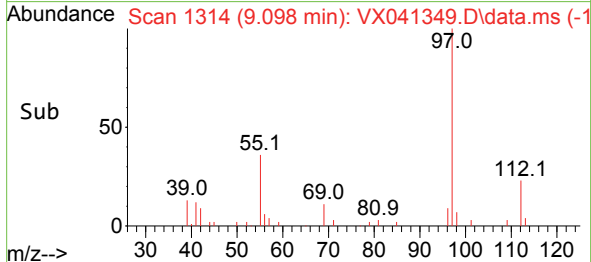
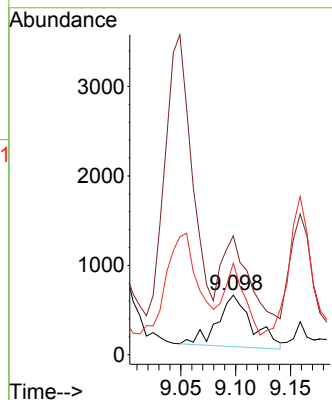
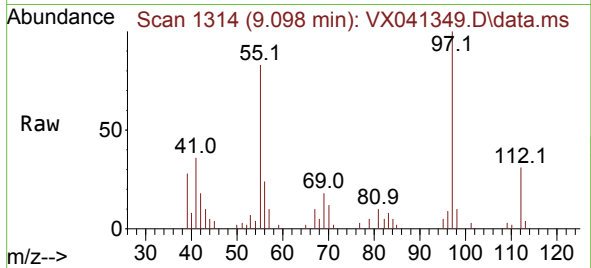




#56  
Ethyl methacrylate  
Concen: 0.554 ug/l  
RT: 9.098 min Scan# 1166  
Delta R.T. -0.018 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

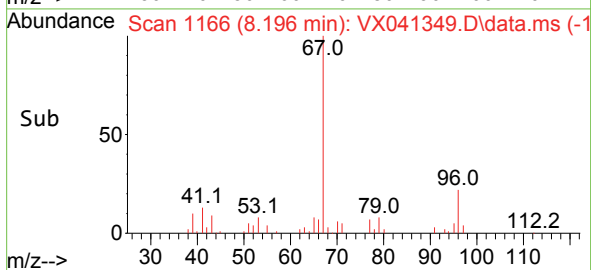
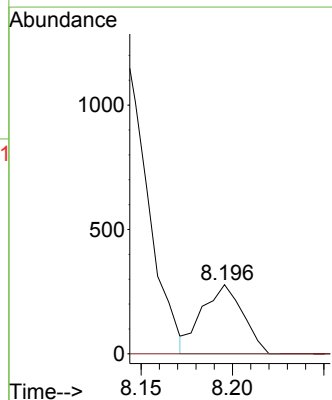
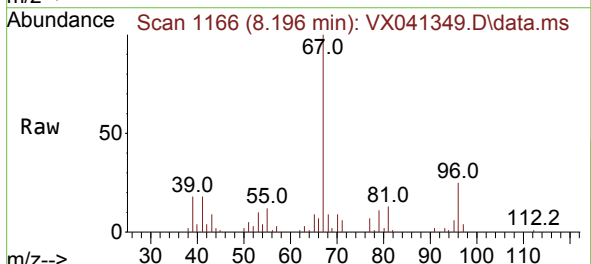
Instrument :  
MSVOA\_X  
ClientSampleId :

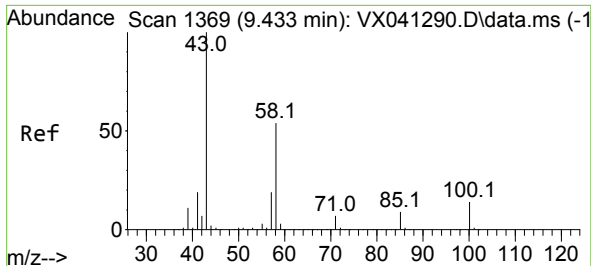
Tgt Ion: 69 Resp: 1260  
Ion Ratio Lower Upper  
69 100  
41 135.7 56.8 85.2#  
39 97.5 32.0 48.0#



#58  
2-Chloroethyl Vinyl ether  
Concen: 0.389 ug/l  
RT: 8.196 min Scan# 1166  
Delta R.T. -0.042 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Tgt Ion: 63 Resp: 429  
Ion Ratio Lower Upper  
63 100  
106 0.0 22.5 33.7#

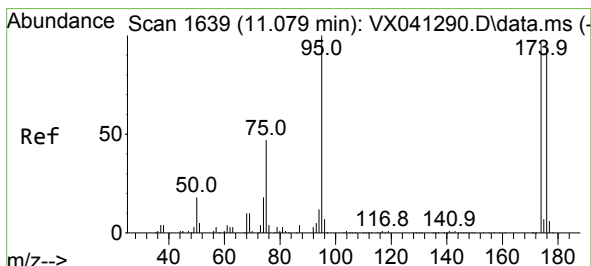
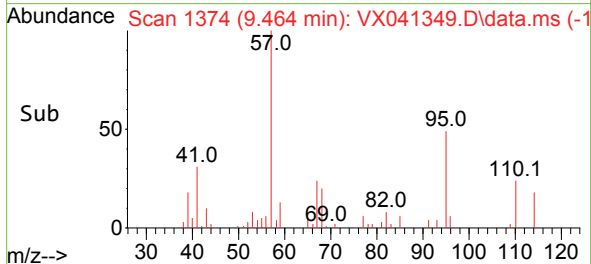
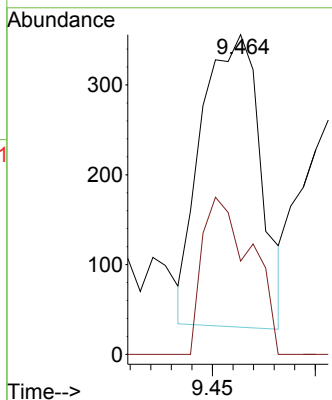
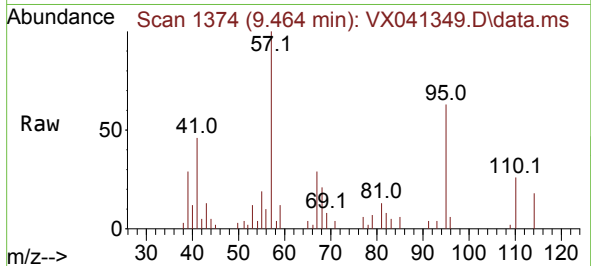




#59  
2-Hexanone  
Concen: 0.356 ug/l  
RT: 9.464 min Scan# 11  
Delta R.T. 0.031 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

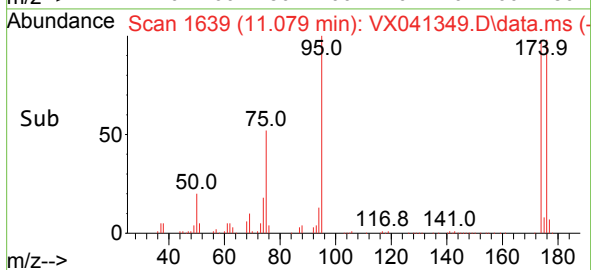
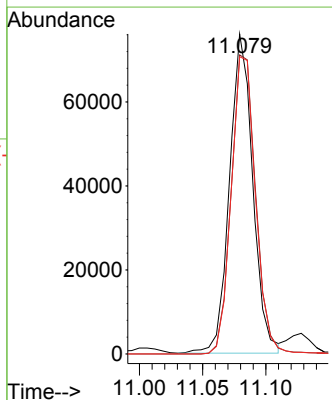
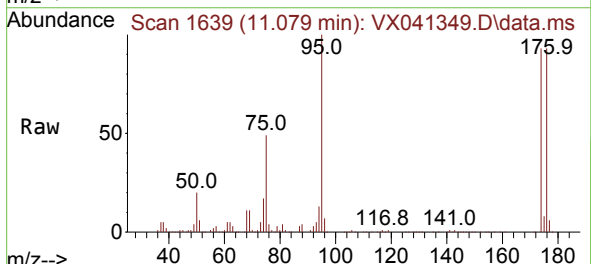
Instrument :  
MSVOA\_X  
ClientSampleId :

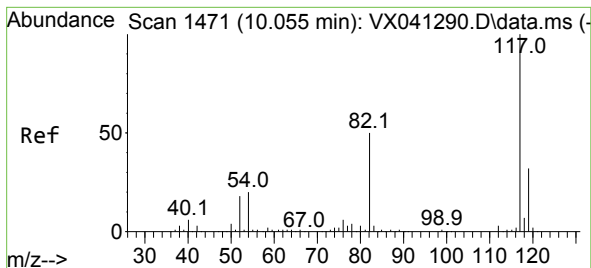
Tgt Ion: 43 Resp: 649  
Ion Ratio Lower Upper  
43 100  
58 44.5 26.2 78.5



#62  
4-Bromofluorobenzene  
Concen: 46.935 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Tgt Ion: 95 Resp: 97296  
Ion Ratio Lower Upper  
95 100  
174 98.6 0.0 135.6  
176 97.3 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: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA\_X

ClientSampleId :

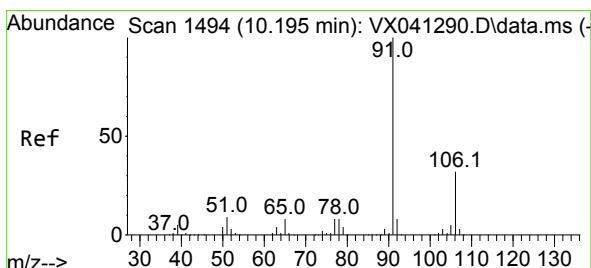
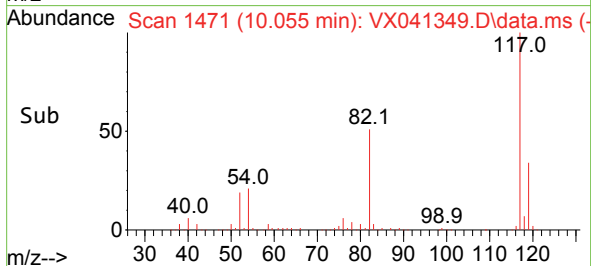
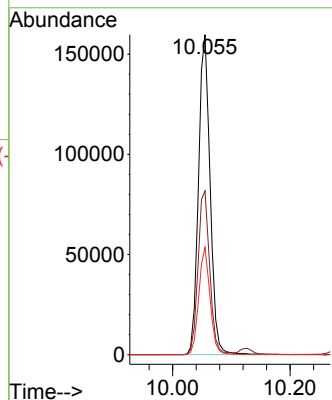
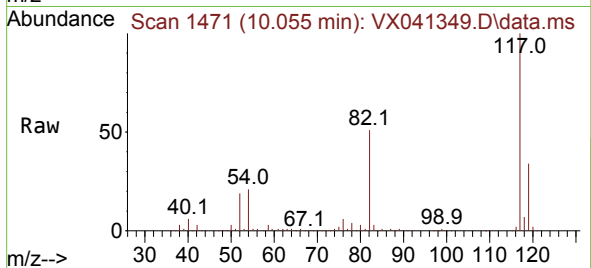
Tgt Ion:117 Resp: 219617

Ion Ratio Lower Upper

117 100

82 51.2 46.2 69.4

119 33.5 25.5 38.3



#67

Ethyl Benzene

Concen: 2.156 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041349.D

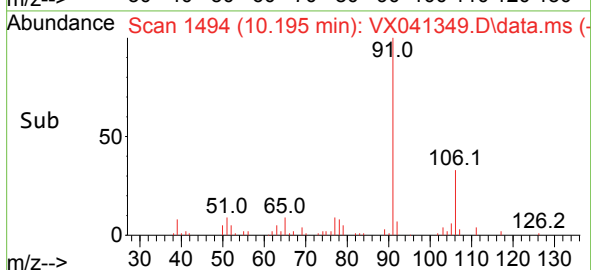
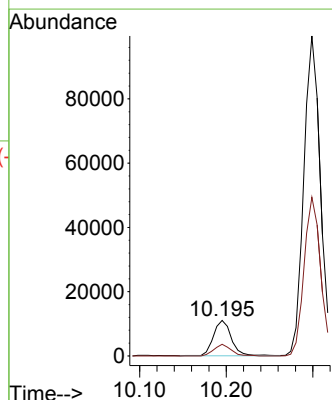
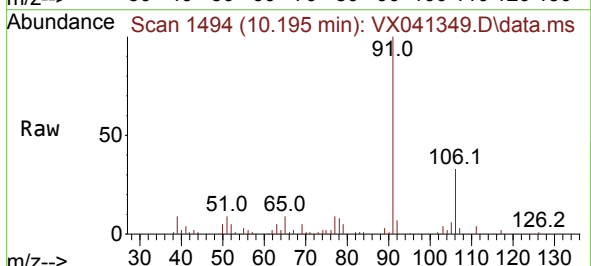
Acq: 02 May 2024 13:27

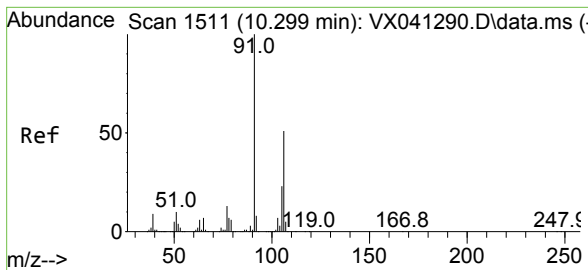
Tgt Ion: 91 Resp: 15861

Ion Ratio Lower Upper

91 100

106 33.2 24.9 37.3

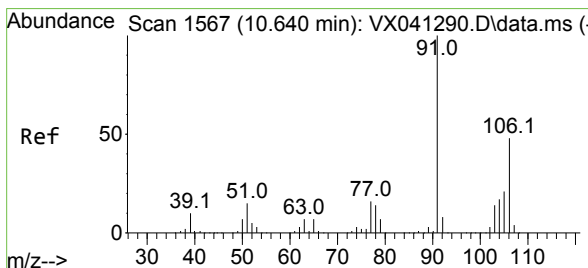
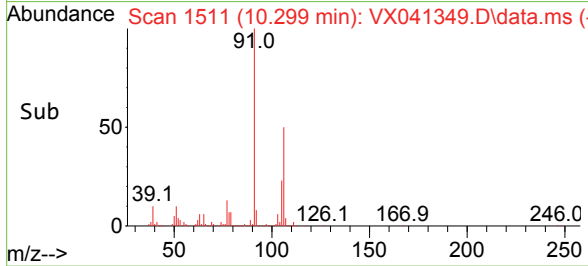
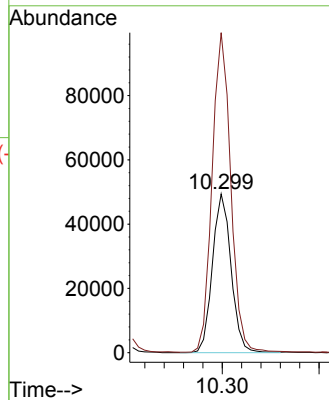
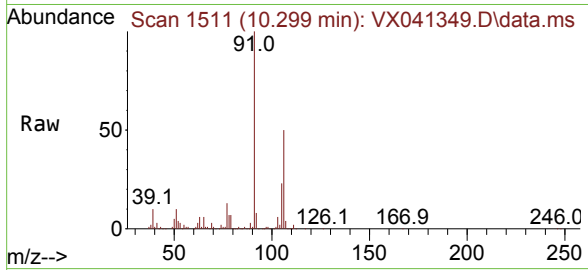




#68  
m/p-Xylenes  
Concen: 22.513 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

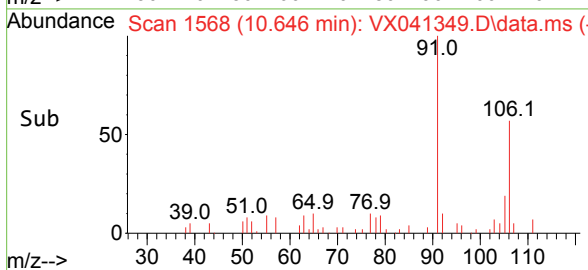
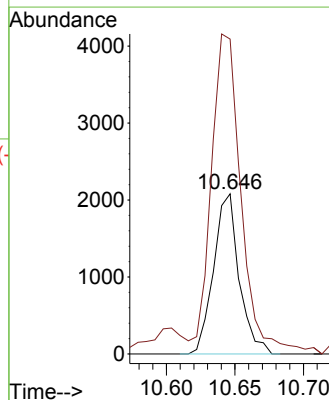
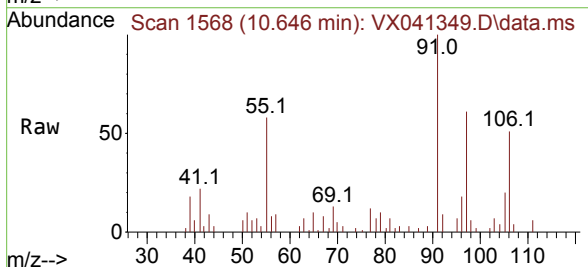
Instrument :  
MSVOA\_X  
ClientSampleId :

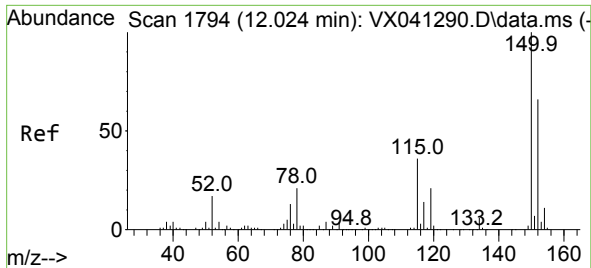
Tgt Ion:106 Resp: 66315  
Ion Ratio Lower Upper  
106 100  
91 201.0 165.5 248.3



#69  
o-Xylene  
Concen: 0.955 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.006 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

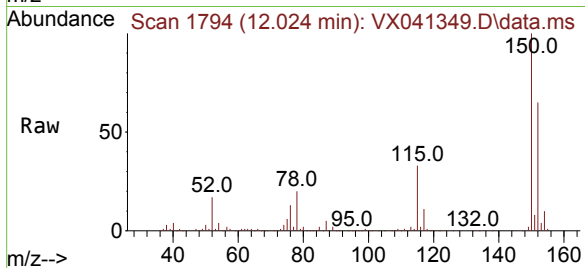
Tgt Ion:106 Resp: 2693  
Ion Ratio Lower Upper  
106 100  
91 234.3 108.9 326.8



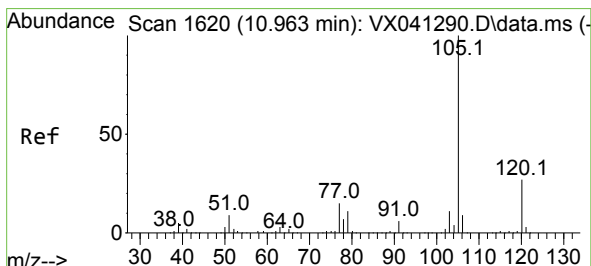
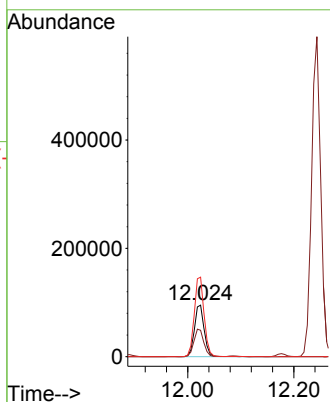
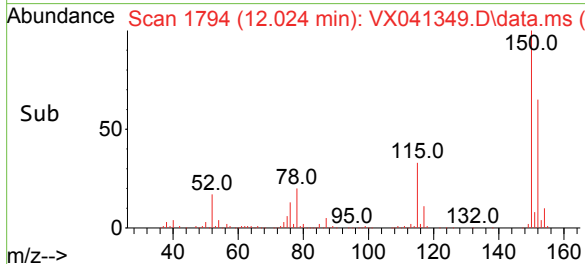


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX041349.D  
 Acq: 02 May 2024 13:27

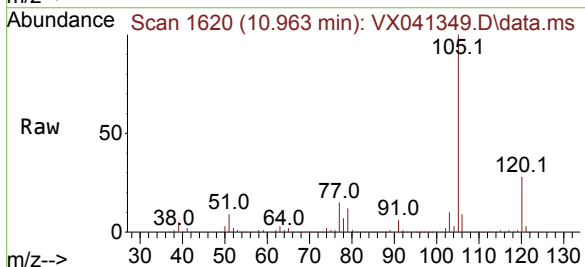
Instrument :  
 MSVOA\_X  
 ClientSampleId :



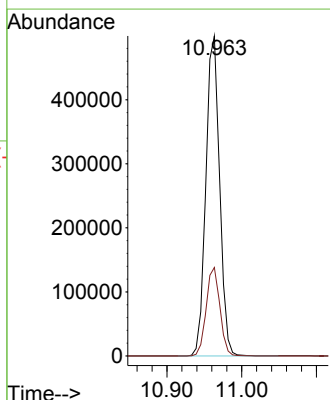
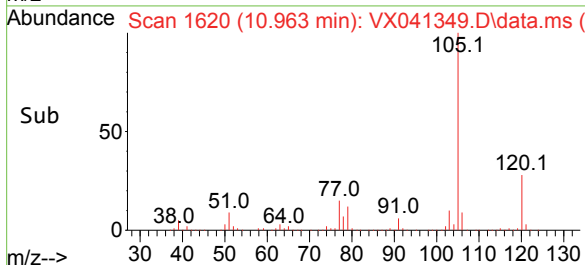
Tgt Ion:152 Resp: 120691  
 Ion Ratio Lower Upper  
 152 100  
 115 53.8 43.3 129.9  
 150 155.7 0.0 345.0



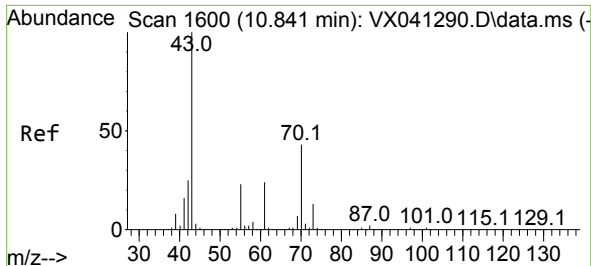
#73  
 Isopropylbenzene  
 Concen: 86.431 ug/l  
 RT: 10.963 min Scan# 1620  
 Delta R.T. 0.000 min  
 Lab File: VX041349.D  
 Acq: 02 May 2024 13:27



Tgt Ion:105 Resp: 636756  
 Ion Ratio Lower Upper  
 105 100  
 120 27.6 12.9 38.6

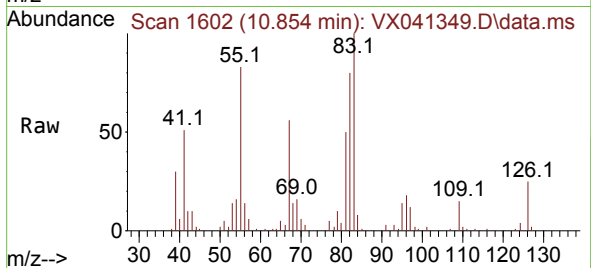




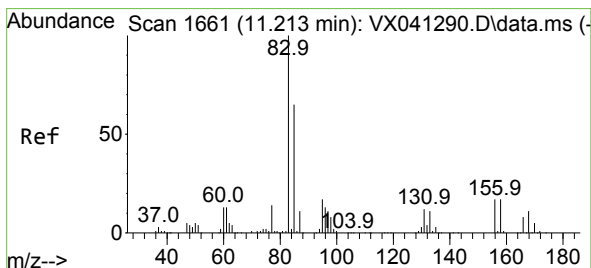
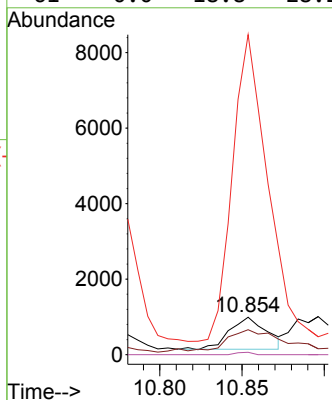


#74  
N-amy1 acetate  
Concen: 0.415 ug/l  
RT: 10.854 min Scan# 1602  
Delta R.T. 0.012 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :

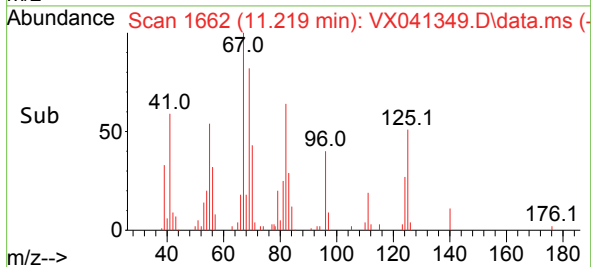
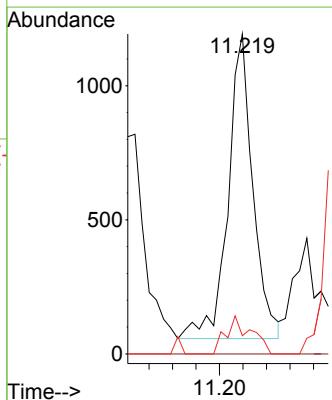
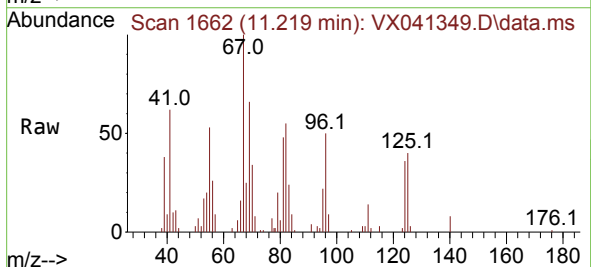


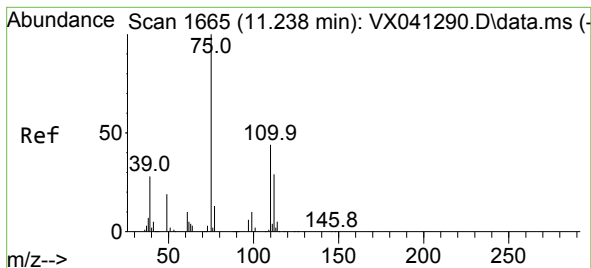
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1337  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 112.6 | 32.9  | 49.3# |
| 55       | 911.4 | 19.3  | 28.9# |
| 61       | 0.0   | 18.8  | 28.2# |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.690 ug/l  
RT: 11.219 min Scan# 1662  
Delta R.T. 0.006 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 1665  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 0.0   | 5.3   | 15.8# |
| 85       | 12.6  | 32.0  | 96.2# |





#76

1,2,3-Trichloropropane

Concen: 4.706 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA\_X

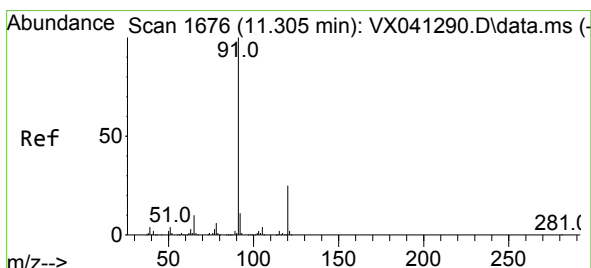
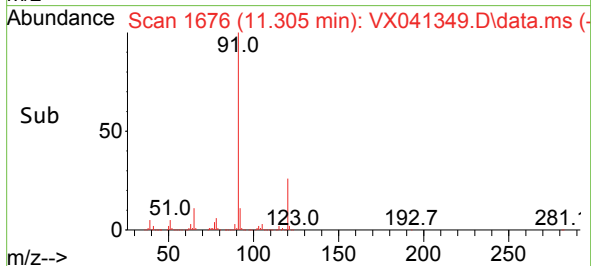
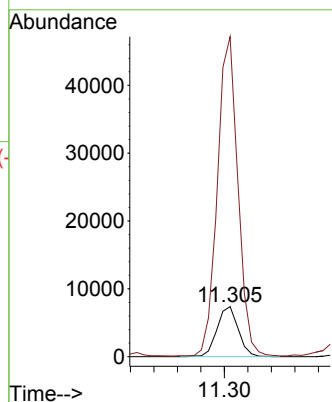
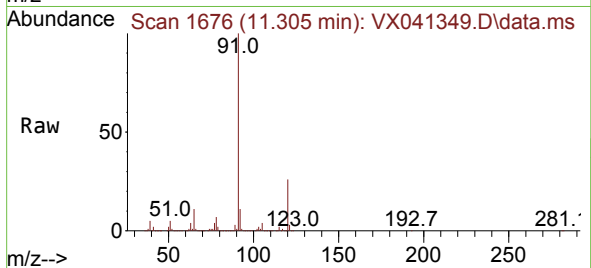
ClientSampleId :

Tgt Ion: 75 Resp: 9256

Ion Ratio Lower Upper

75 100

77 617.4 19.1 57.5#



#78

n-propylbenzene

Concen: 179.539 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041349.D

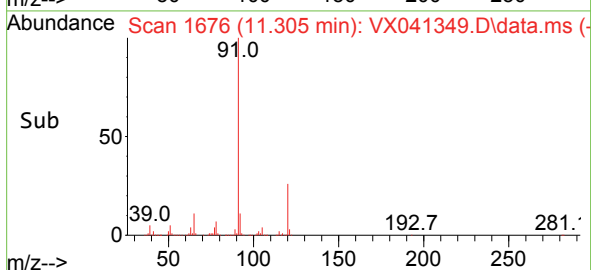
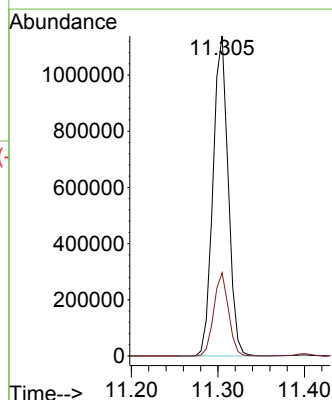
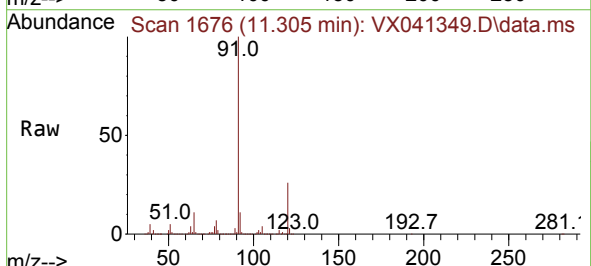
Acq: 02 May 2024 13:27

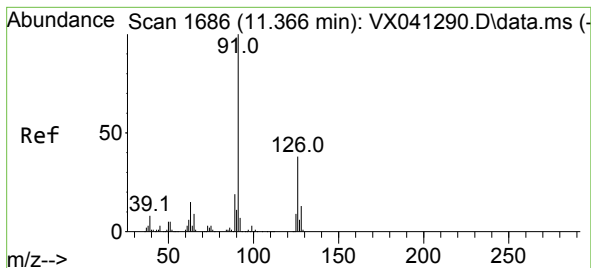
Tgt Ion: 91 Resp: 1389219

Ion Ratio Lower Upper

91 100

120 25.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 278.605 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.061 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA\_X

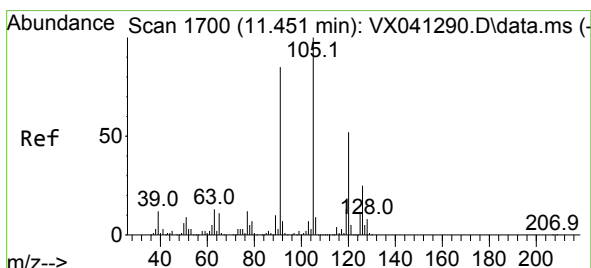
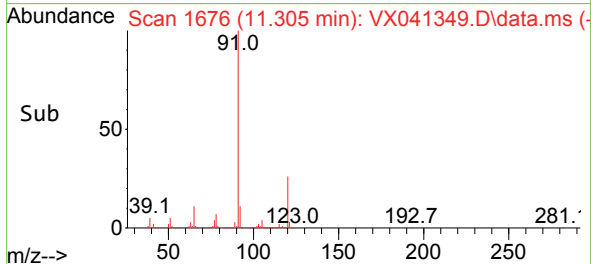
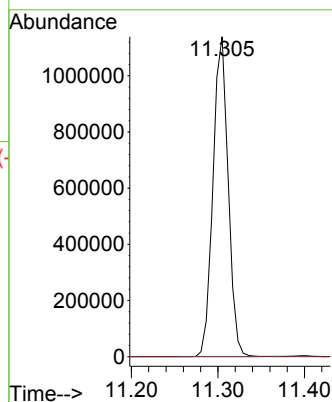
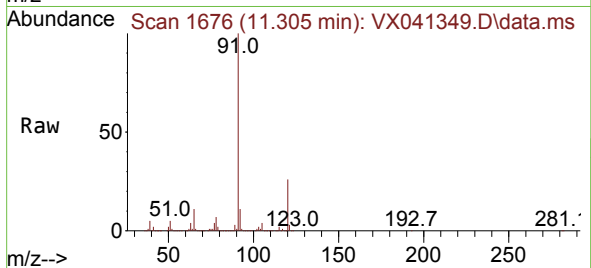
ClientSampleId :

Tgt Ion: 91 Resp: 1389219

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 6.138 ug/l

RT: 11.402 min Scan# 1692

Delta R.T. -0.049 min

Lab File: VX041349.D

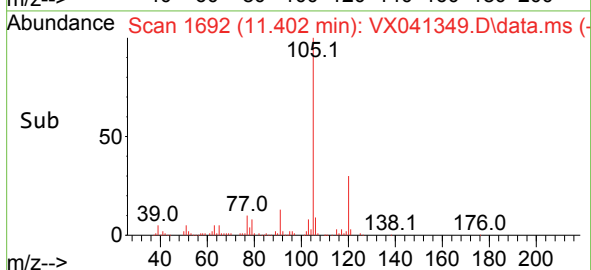
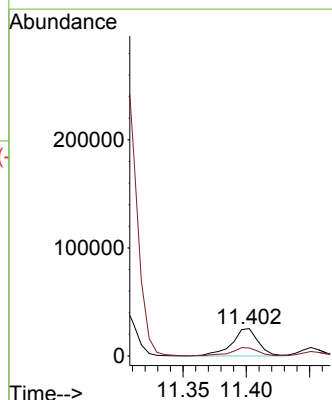
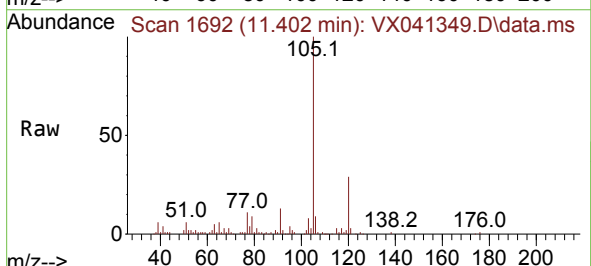
Acq: 02 May 2024 13:27

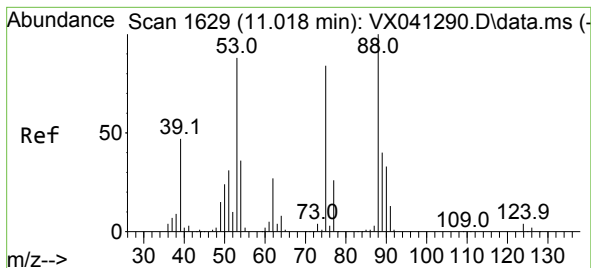
Tgt Ion: 105 Resp: 36864

Ion Ratio Lower Upper

105 100

120 29.6 24.1 72.3

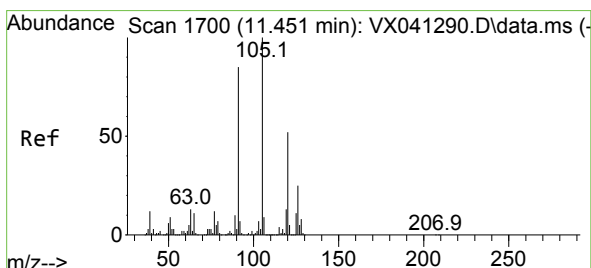
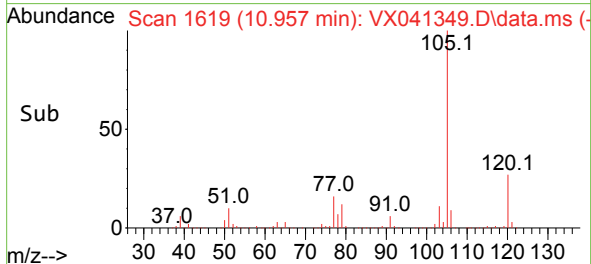
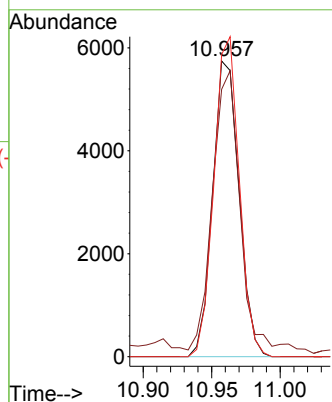
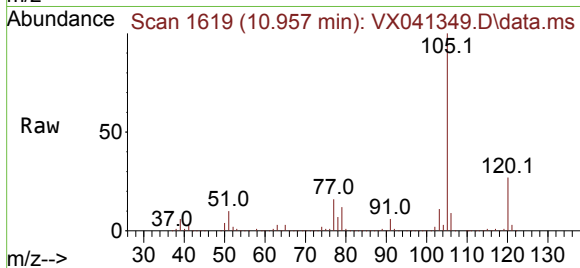




#81  
trans-1,4-Dichloro-2-butene  
Concen: 10.658 ug/l  
RT: 10.957 min Scan# 1619  
Delta R.T. -0.061 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

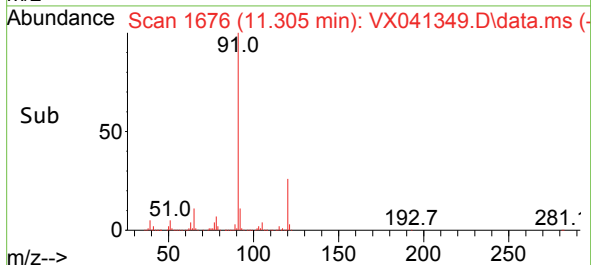
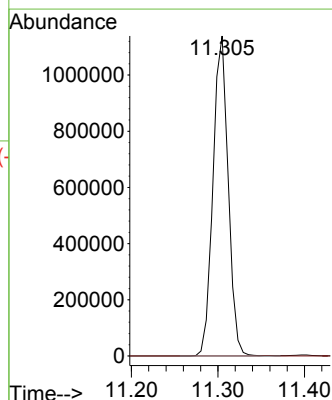
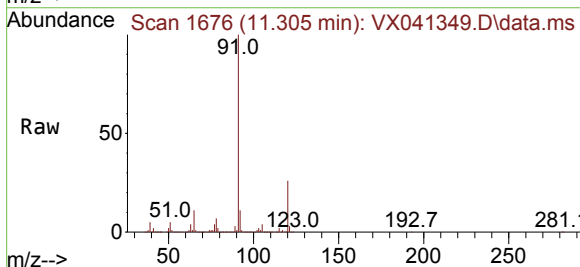
Instrument :  
MSVOA\_X  
ClientSampleId :

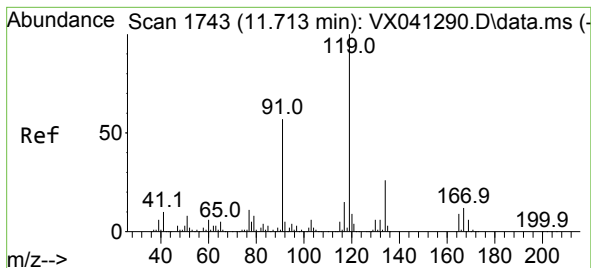
Tgt Ion: 75 Resp: 7696  
Ion Ratio Lower Upper  
75 100  
53 101.1 90.5 135.7  
89 103.7 36.9 55.3#



#82  
4-Chlorotoluene  
Concen: 245.410 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.146 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Tgt Ion: 91 Resp: 1389219  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.2 42.6#





#83

tert-Butylbenzene

Concen: 5.167 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041349.D

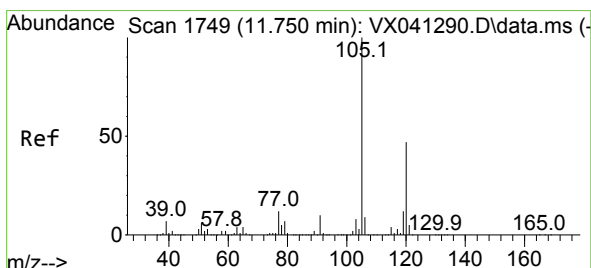
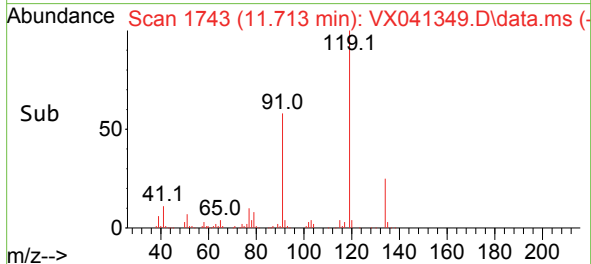
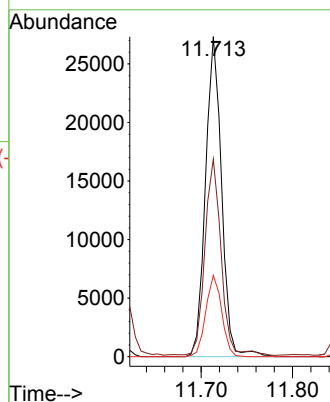
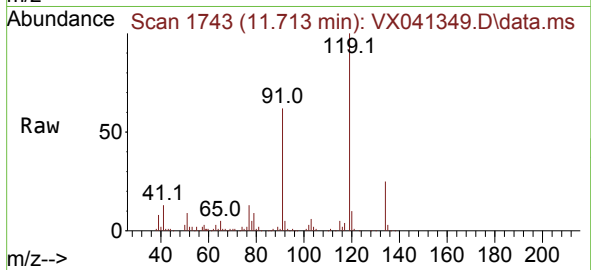
Acq: 02 May 2024 13:27

Instrument :

MSVOA\_X

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 33232 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 60.2  | 31.2  | 93.6  |
| 134       | 25.2  | 11.7  | 35.0  |



#84

1,2,4-Trimethylbenzene

Concen: 16.396 ug/l

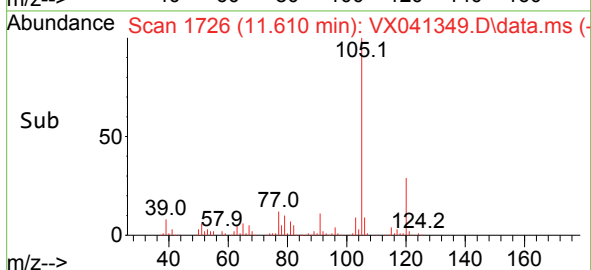
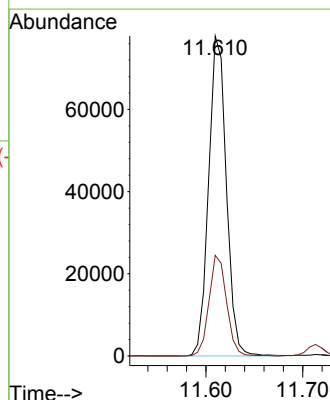
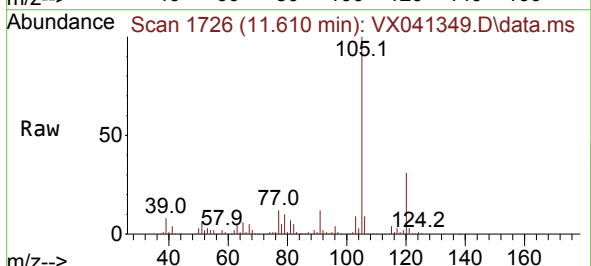
RT: 11.610 min Scan# 1726

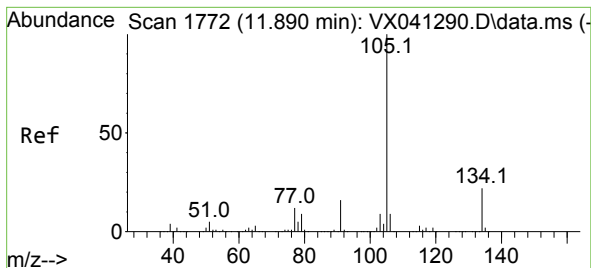
Delta R.T. -0.140 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 99082 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 31.2  | 21.2  | 63.6  |





#85

sec-Butylbenzene

Concen: 23.137 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA\_X

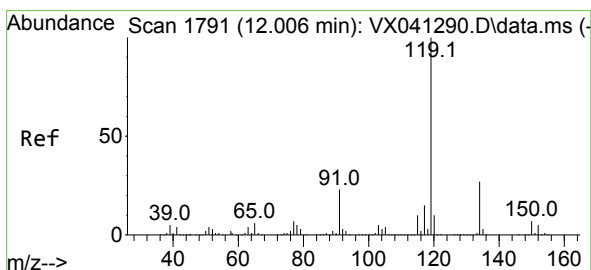
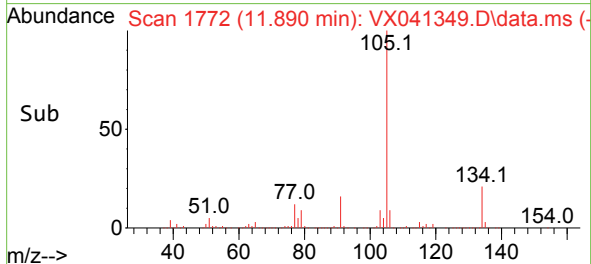
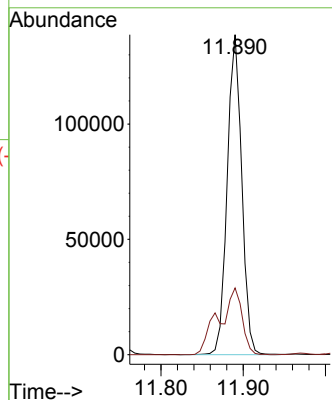
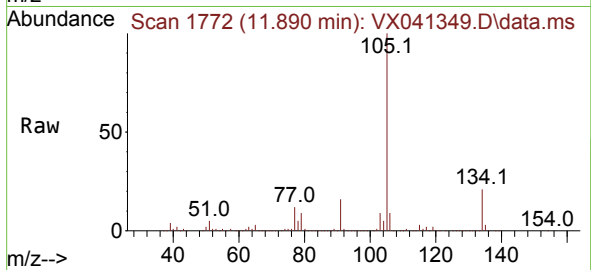
ClientSampleId :

Tgt Ion:105 Resp: 170526

Ion Ratio Lower Upper

105 100

134 18.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 11.238 ug/l

RT: 12.177 min Scan# 1819

Delta R.T. 0.171 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

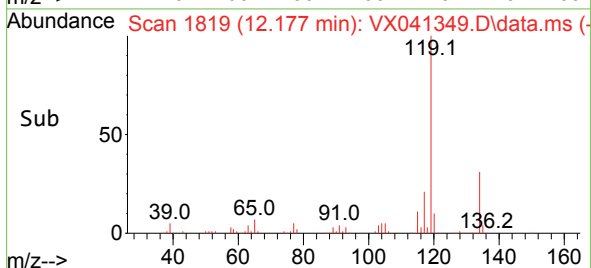
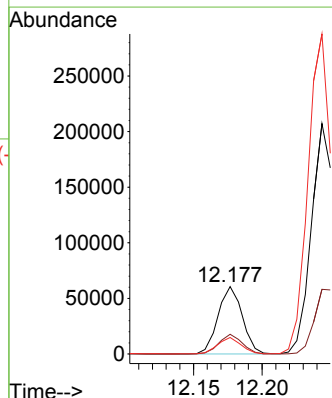
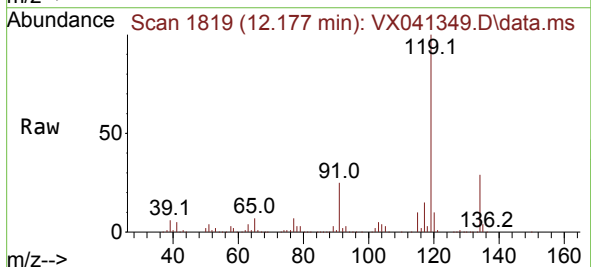
Tgt Ion:119 Resp: 74390

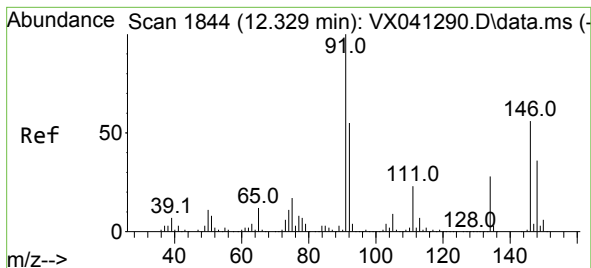
Ion Ratio Lower Upper

119 100

134 28.0 12.8 38.3

91 23.6 13.1 39.3





#89

n-Butylbenzene

Concen: 16.462 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA\_X

ClientSampleId :

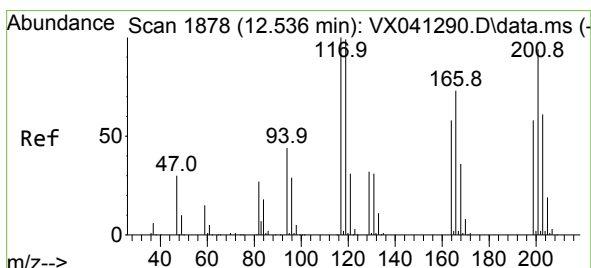
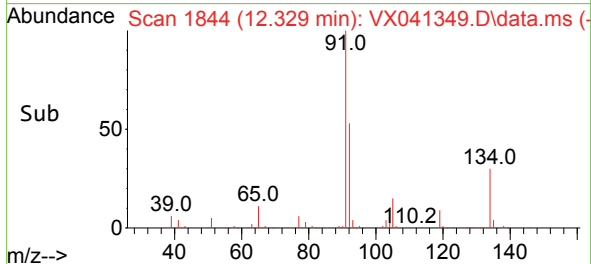
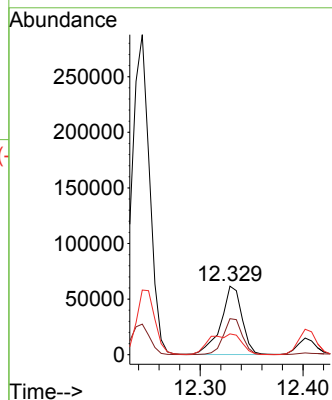
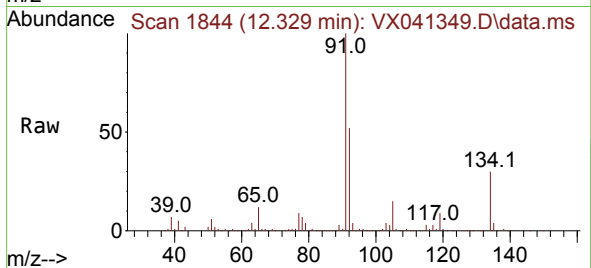
Tgt Ion: 91 Resp: 87621

Ion Ratio Lower Upper

91 100

92 47.6 27.4 82.0

134 46.6 12.6 37.8#



#90

Hexachloroethane

Concen: 52.328 ug/l

RT: 12.609 min Scan# 1890

Delta R.T. 0.073 min

Lab File: VX041349.D

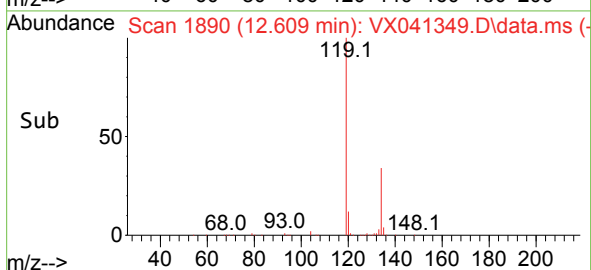
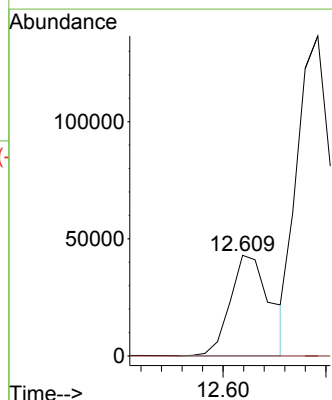
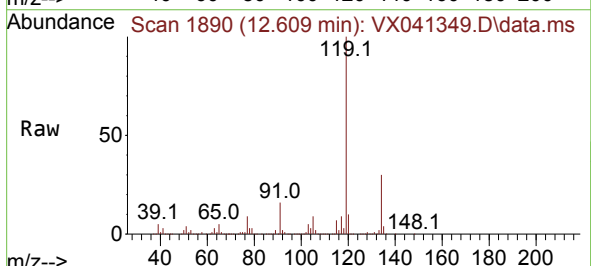
Acq: 02 May 2024 13:27

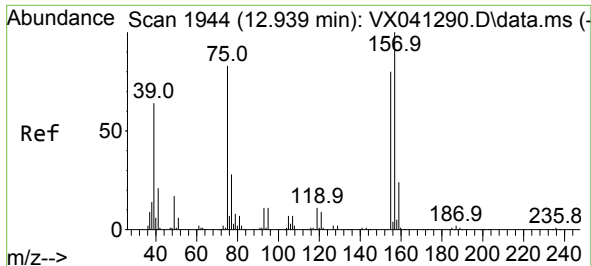
Tgt Ion: 117 Resp: 57925

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

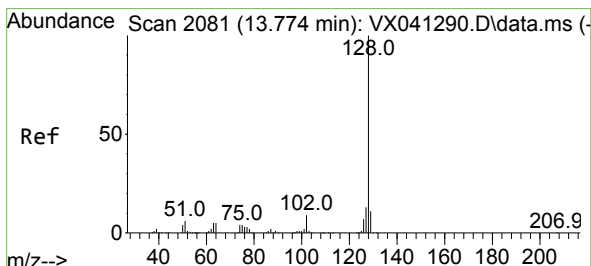
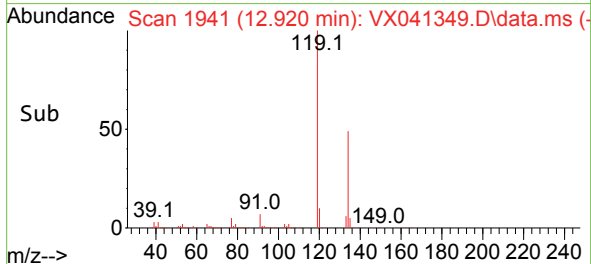
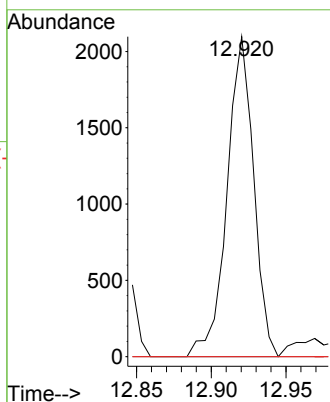
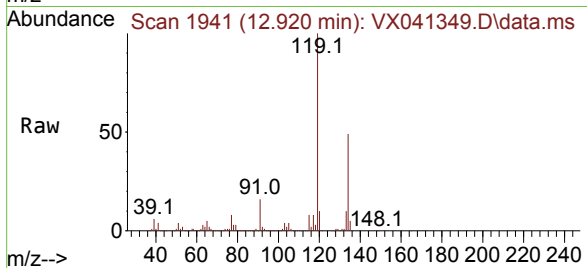




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.661 ug/l  
RT: 12.920 min Scan# 1944  
Delta R.T. -0.018 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 2600  
Ion Ratio Lower Upper  
75 100  
155 0.0 36.1 108.5#  
157 0.0 44.9 134.7#



#95  
Naphthalene  
Concen: 2.672 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX041349.D  
Acq: 02 May 2024 13:27

Tgt Ion: 128 Resp: 22096  
Ion Ratio Lower Upper  
128 100  
127 17.1 10.3 15.5#  
129 13.7 8.8 13.2#

