

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060324\  
 Data File : VX041706.D  
 Acq On : 03 Jun 2024 15:53  
 Operator : JC/MD  
 Sample : P2660-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 04 00:49:43 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  | 149575     | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 223510     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 221877     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 113150     | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 82505      | 44.974   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 89.940%  |       |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 70572      | 45.668   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 91.340%  |       |          |
| 50) Toluene-d8                | 8.647          | 98   | 265769     | 49.220   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 98.440%  |       |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 104699     | 52.536   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 105.080% |       |          |
| Target Compounds              |                |      |            |          |       |          |
|                               |                |      |            |          |       | Qvalue   |
| 3) Chloromethane              | 1.301          | 50   | 376        | 0.262    | ug/l  | # 43     |
| 5) Bromomethane               | 1.593          | 94   | 429        | 0.417    | ug/l  | 81       |
| 11) Tert butyl alcohol        | 2.941          | 59   | 3899       | 12.015   | ug/l  | # 78     |
| 13) Acrolein                  | 2.197          | 56   | 551        | 1.824    | ug/l  | # 14     |
| 15) Acrylonitrile             | 3.105          | 53   | 231        | 0.290    | ug/l  | # 29     |
| 16) Acetone                   | 2.392          | 43   | 3889       | 2.139    | ug/l  | 95       |
| 19) Methyl tert-butyl Ether   | 3.123          | 73   | 2993       | 0.671    | ug/l  | # 88     |
| 20) Methylene Chloride        | 2.782          | 84   | 721        | 0.439    | ug/l  | # 77     |
| 25) 2-Butanone                | 4.599          | 43   | 1188       | 1.042    | ug/l  | # 51     |
| 30) Chloroform                | 5.105          | 83   | 734        | 0.276    | ug/l  | # 28     |
| 31) Cyclohexane               | 5.477          | 56   | 2457       | 1.134    | ug/l  | 94       |
| 36) 1,1-Dichloropropene       | 5.556          | 75   | 9765       | 5.219    | ug/l  | # 50     |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 13490      | 6.346    | ug/l  | # 16     |
| 39) Methylcyclohexane         | 7.379          | 83   | 2788       | 1.213    | ug/l  | 86       |
| 40) Benzene                   | 6.044          | 78   | 13596      | 2.325    | ug/l  | 100      |
| 43) Isopropyl Acetate         | 6.245          | 43   | 12566      | 3.525    | ug/l  | # 62     |
| 48) Methyl methacrylate       | 7.659          | 41   | 378        | 0.221    | ug/l  | # 1      |
| 51) 4-Methyl-2-Pentanone      | 8.610          | 43   | 769        | 0.333    | ug/l  | # 37     |
| 52) Toluene                   | 8.720          | 92   | 784        | 0.211    | ug/l  | 88       |
| 56) Ethyl methacrylate        | 9.104          | 69   | 497        | 0.218    | ug/l  | # 23     |
| 68) m/p-Xylenes               | 10.305         | 106  | 2085       | 0.691    | ug/l  | 99       |
| 69) o-Xylene                  | 10.647         | 106  | 780        | 0.260    | ug/l  | 76       |
| 73) Isopropylbenzene          | 10.964         | 105  | 56471      | 8.046    | ug/l  | 97       |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 52477      | 26.581   | ug/l  | # 39     |
| 78) n-propylbenzene           | 11.305         | 91   | 95809      | 12.431   | ug/l  | 98       |
| 79) 2-Chlorotoluene           | 11.305         | 91   | 95809      | 19.341   | ug/l  | # 42     |
| 80) 1,3,5-Trimethylbenzene    | 11.616         | 105  | 2582       | 0.441    | ug/l  | 74       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 52477      | 72.446   | ug/l  | # 5      |
| 82) 4-Chlorotoluene           | 11.305         | 91   | 95809      | 17.001   | ug/l  | # 46     |
| 83) tert-Butylbenzene         | 11.713         | 119  | 1419       | 0.225    | ug/l  | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.756         | 105  | 1667       | 0.281    | ug/l  | 91       |
| 85) sec-Butylbenzene          | 11.890         | 105  | 9421       | 1.302    | ug/l  | # 57     |
| 86) p-Isopropyltoluene        | 12.177         | 119  | 2512       | 0.396    | ug/l  | 94       |
| 89) n-Butylbenzene            | 12.311         | 91   | 5835       | 1.161    | ug/l  | # 4      |
| 90) Hexachloroethane          | 12.616         | 117  | 3724       | 3.450    | ug/l  | # 18     |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920         | 75   | 300        | 0.596    | ug/l  | # 54     |

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Acq On : 03 Jun 2024 15:53  
Operator : JC/MD  
Sample : P2660-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jun 04 00:49:43 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

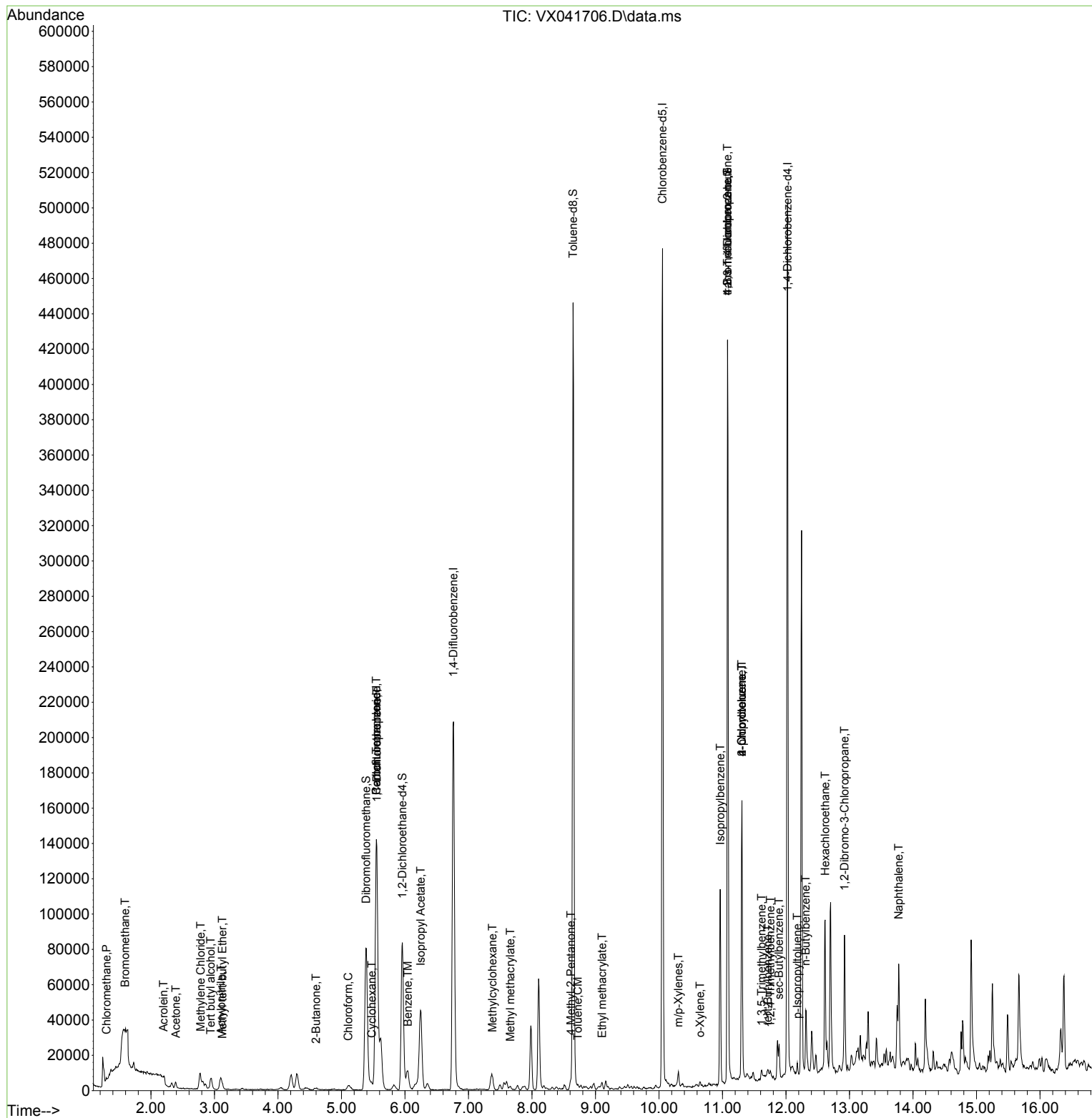
| Compound        | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------|--------|------|----------|-------|-------|----------|
| 95) Naphthalene | 13.774 | 128  | 34615    | 4.723 | ug/l  | 97       |

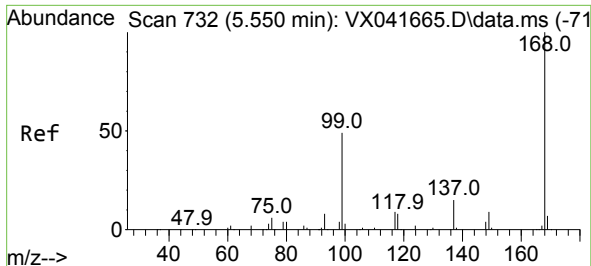
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060324\  
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Instrument :  
MSVOA\_X  
ClientSampleId :

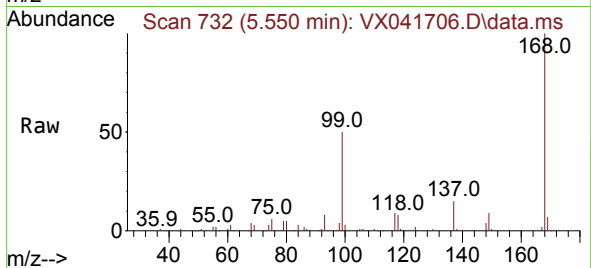
Quant Time: Jun 04 00:49:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X052924W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 30 07:36:24 2024  
Response via : Initial Calibration



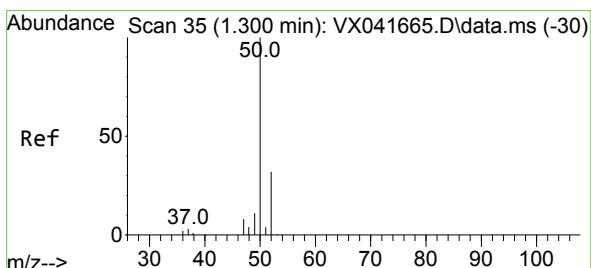
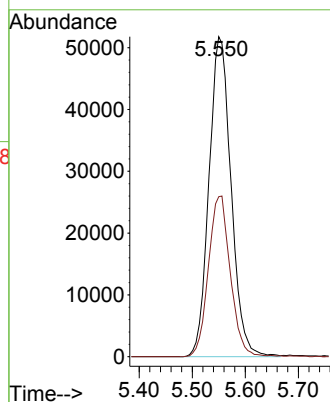
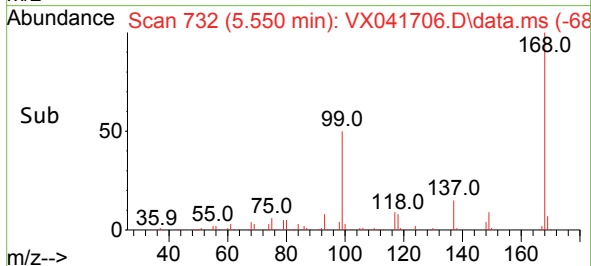


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Instrument :  
MSVOA\_X  
ClientSampleId :

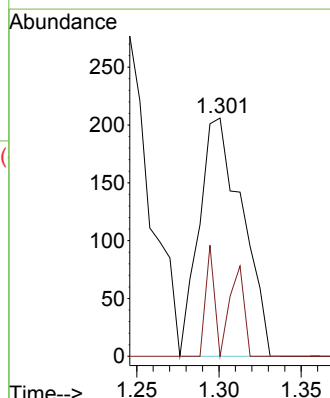
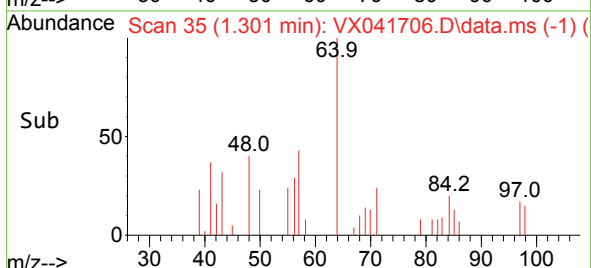
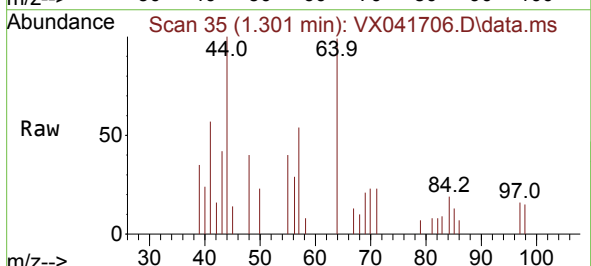


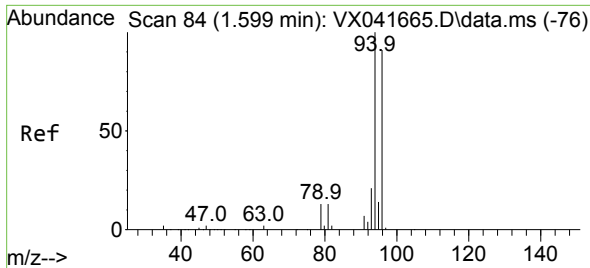
Tgt Ion:168 Resp: 149575  
Ion Ratio Lower Upper  
168 100  
99 50.0 56.6 85.0#



#3  
Chloromethane  
Concen: 0.262 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.000 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

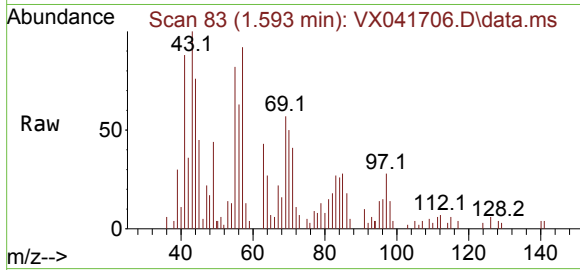
Tgt Ion: 50 Resp: 376  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.5 38.3#



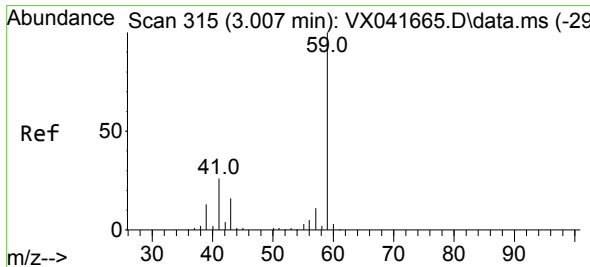
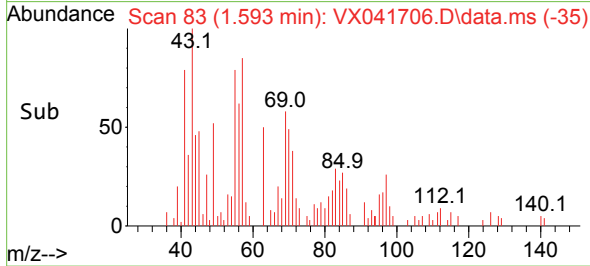
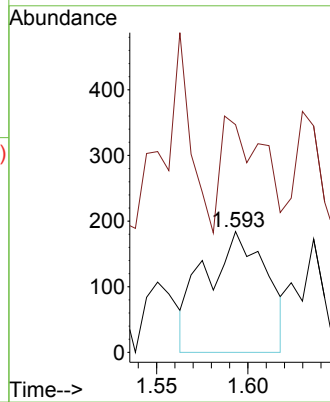


#5  
Bromomethane  
Concen: 0.417 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Instrument :  
MSVOA\_X  
ClientSampleId :

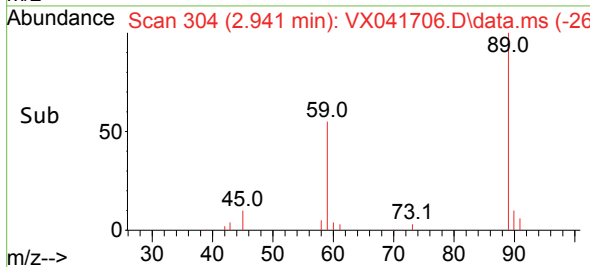
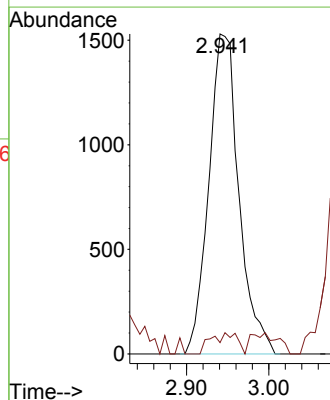
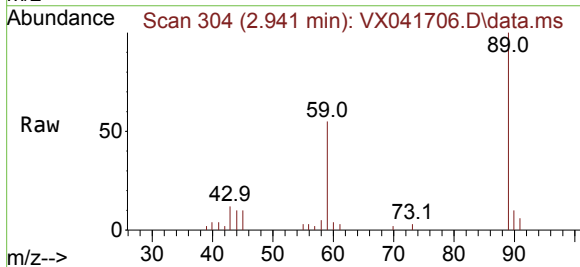


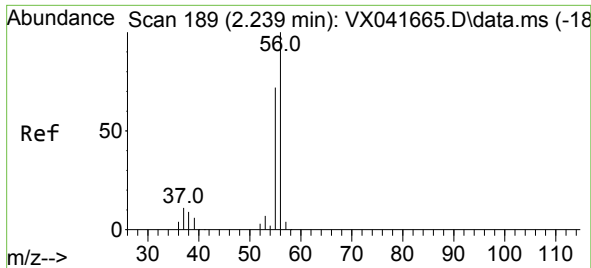
Tgt Ion: 94 Resp: 429  
Ion Ratio Lower Upper  
94 100  
96 111.7 74.6 111.8



#11  
Tert butyl alcohol  
Concen: 12.015 ug/l  
RT: 2.941 min Scan# 304  
Delta R.T. -0.067 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Tgt Ion: 59 Resp: 3899  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.0 9.0#

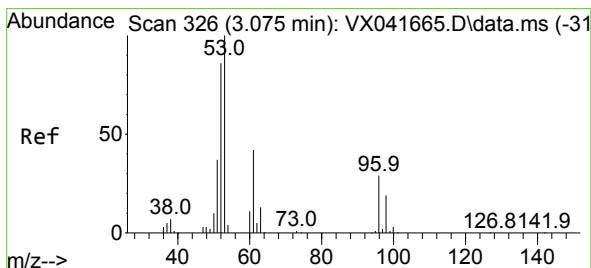
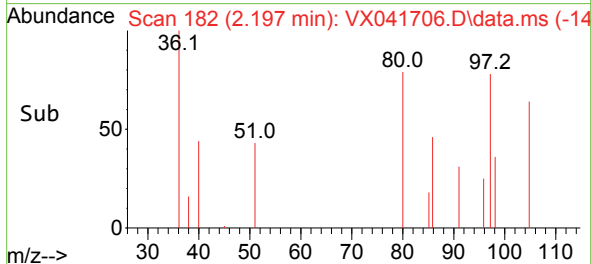
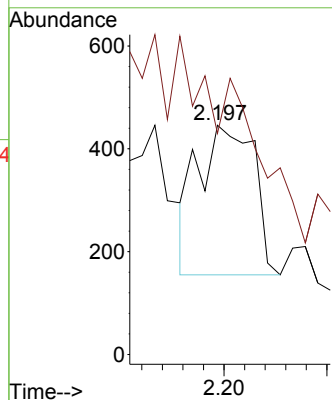
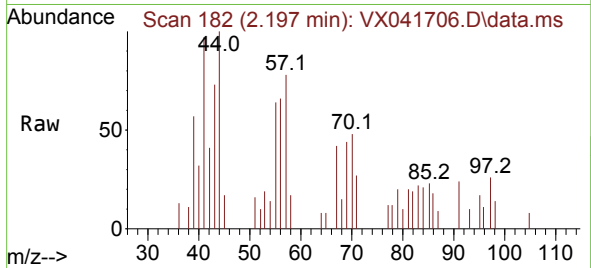




#13  
Acrolein  
Concen: 1.824 ug/l  
RT: 2.197 min Scan# 11  
Delta R.T. -0.042 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

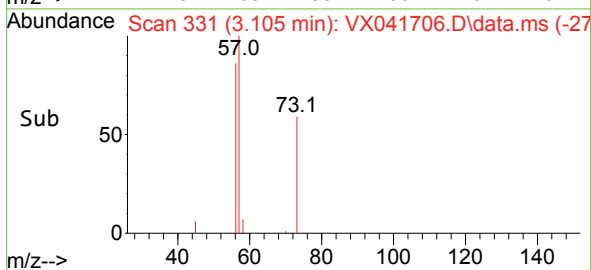
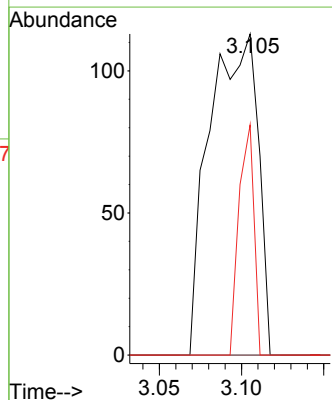
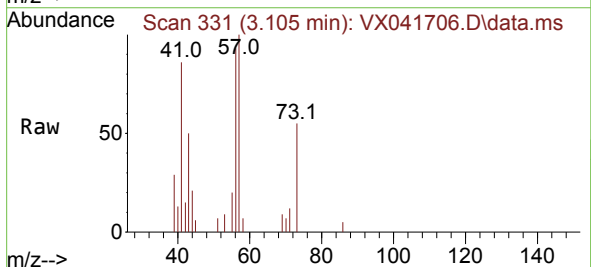
Instrument :  
MSVOA\_X  
ClientSampleId :

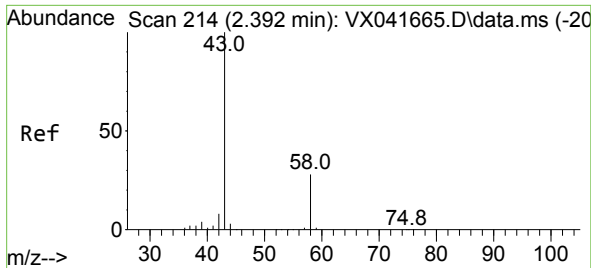
Tgt Ion: 56 Resp: 551  
Ion Ratio Lower Upper  
56 100  
55 0.0 57.1 85.7#



#15  
Acrylonitrile  
Concen: 0.290 ug/l  
RT: 3.105 min Scan# 331  
Delta R.T. 0.031 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Tgt Ion: 53 Resp: 231  
Ion Ratio Lower Upper  
53 100  
52 0.0 66.0 99.0#  
51 22.5 29.8 44.6#

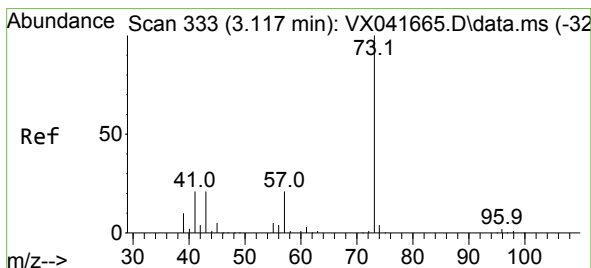
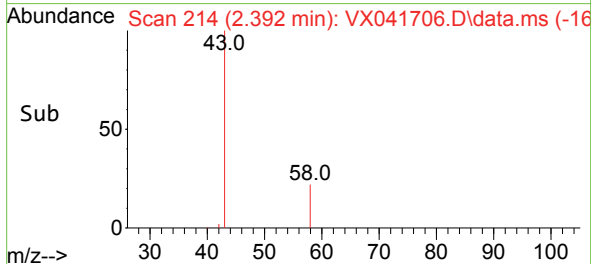
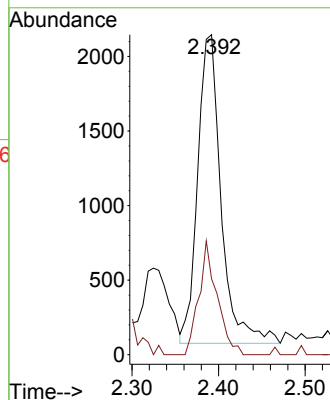
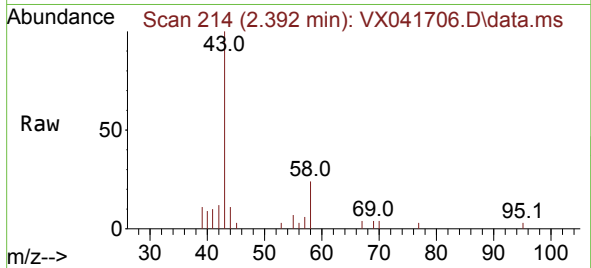




#16  
Acetone  
Concen: 2.139 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

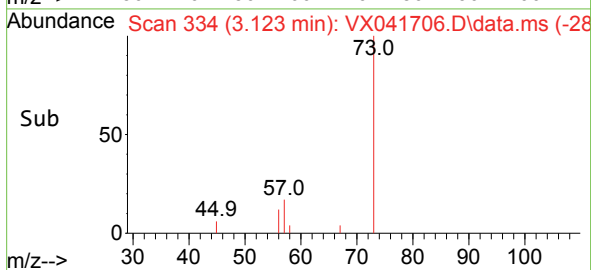
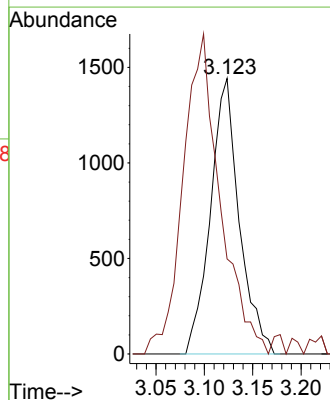
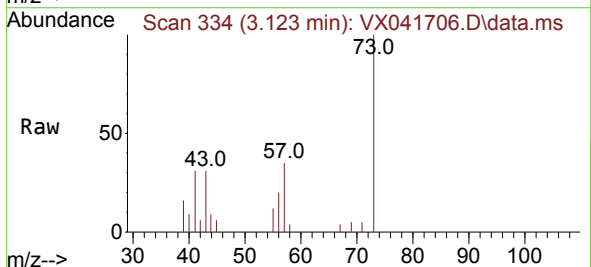
Instrument :  
MSVOA\_X  
ClientSampleId :

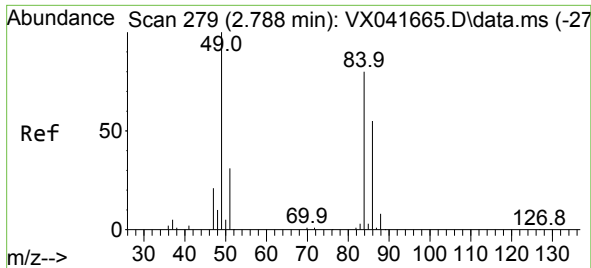
Tgt Ion: 43 Resp: 3889  
Ion Ratio Lower Upper  
43 100  
58 24.6 21.9 32.9



#19  
Methyl tert-butyl Ether  
Concen: 0.671 ug/l  
RT: 3.123 min Scan# 334  
Delta R.T. 0.006 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Tgt Ion: 73 Resp: 2993  
Ion Ratio Lower Upper  
73 100  
57 27.5 17.3 25.9#





#20

Methylene Chloride

Concen: 0.439 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

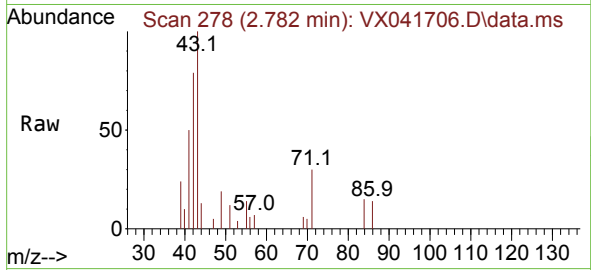
Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 84 Resp: 721

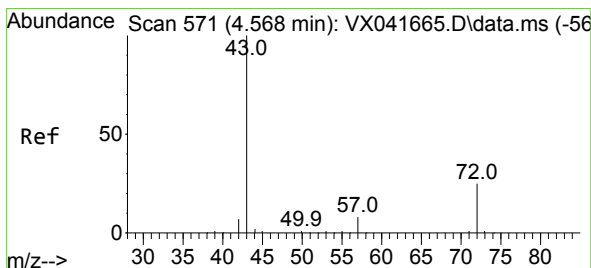
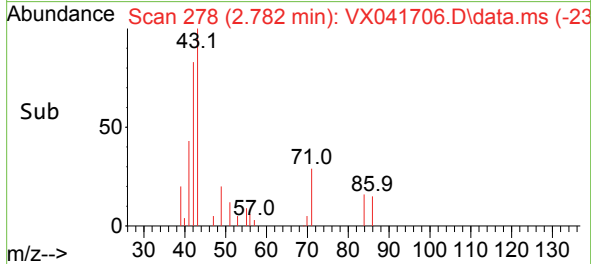
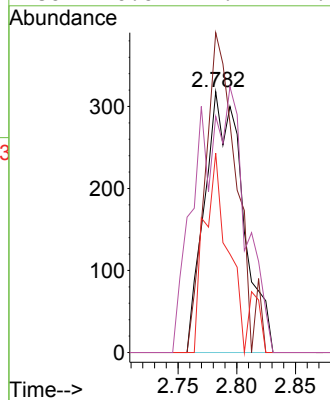
Ion Ratio Lower Upper

84 100

49 122.6 103.6 155.4

51 76.4 33.8 50.6#

86 90.6 49.4 74.0#



#25

2-Butanone

Concen: 1.042 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.031 min

Lab File: VX041706.D

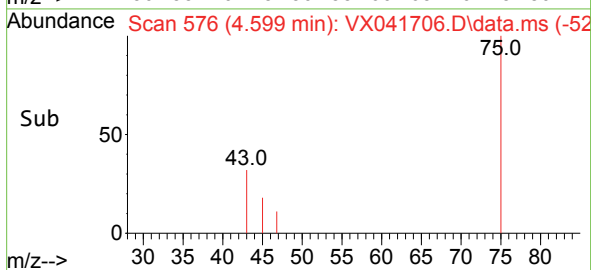
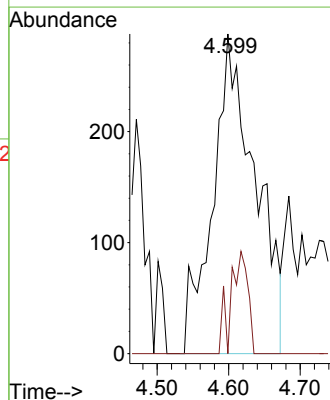
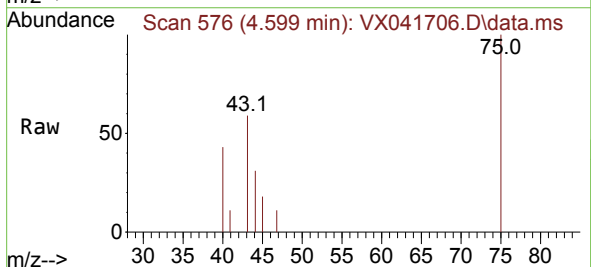
Acq: 03 Jun 2024 15:53

Tgt Ion: 43 Resp: 1188

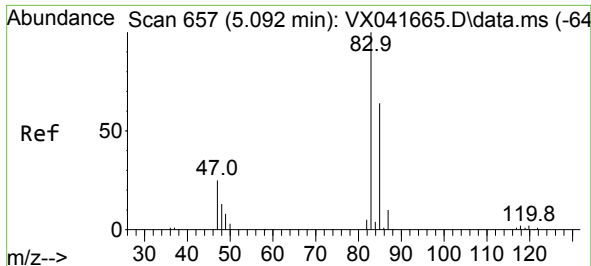
Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#







#30

Chloroform

Concen: 0.276 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

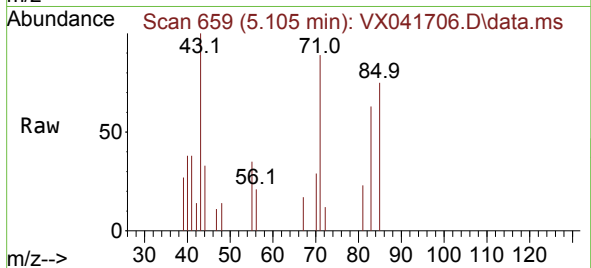
ClientSampleId :

Tgt Ion: 83 Resp: 734

Ion Ratio Lower Upper

83 100

85 118.8 50.3 75.5#



Abundance

300

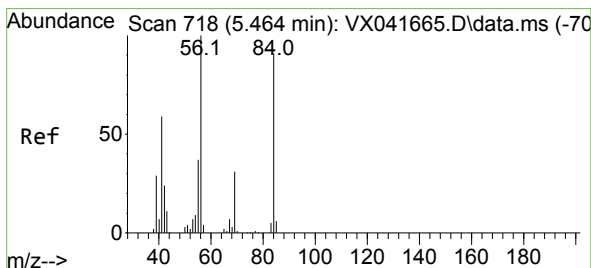
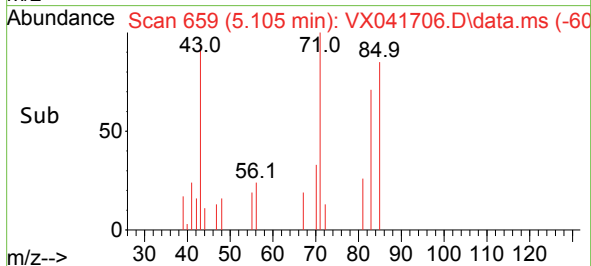
200

100

0

5.05 5.10 5.15

Time-->



#31

Cyclohexane

Concen: 1.134 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.012 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

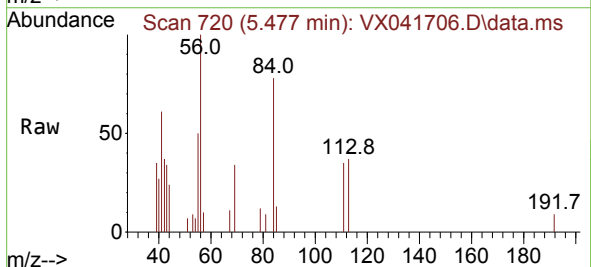
Tgt Ion: 56 Resp: 2457

Ion Ratio Lower Upper

56 100

69 33.5 23.4 35.2

84 77.9 65.9 98.9



Abundance

1500

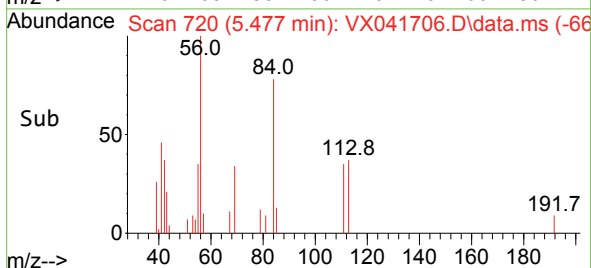
1000

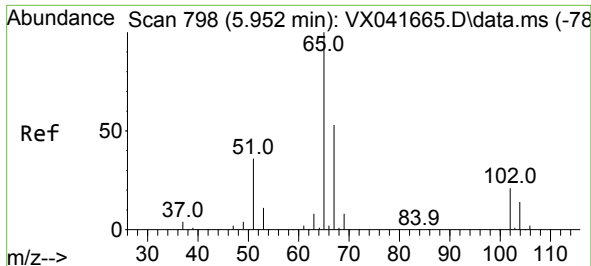
500

0

5.40 5.45 5.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.974 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

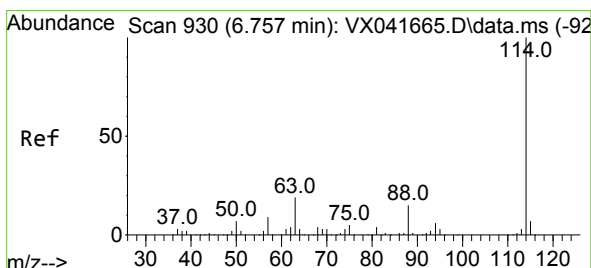
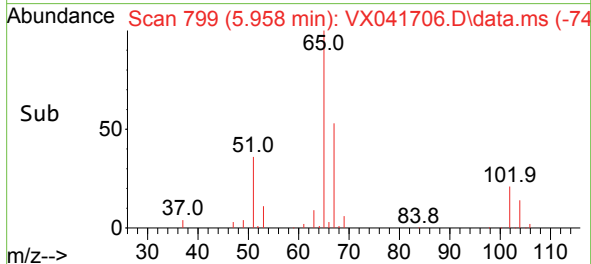
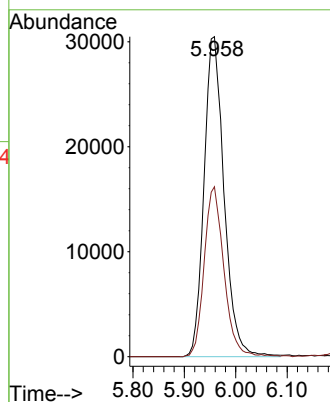
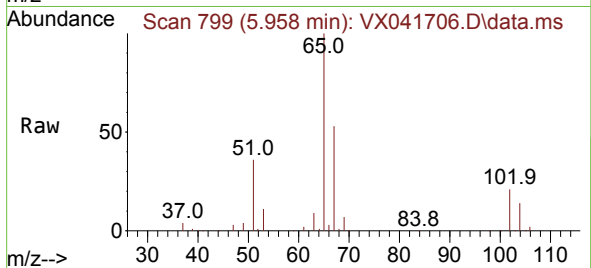
ClientSampleId :

Tgt Ion: 65 Resp: 82505

Ion Ratio Lower Upper

65 100

67 52.3 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: VX041706.D

Acq: 03 Jun 2024 15:53

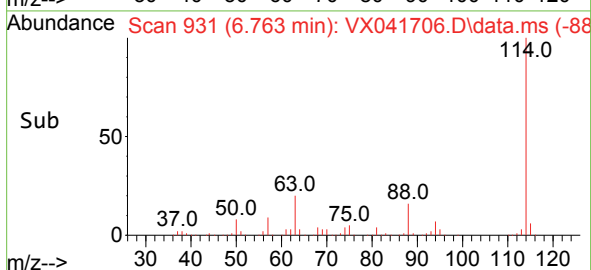
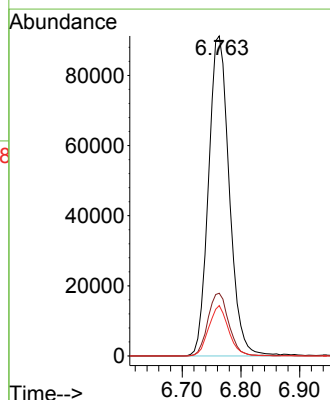
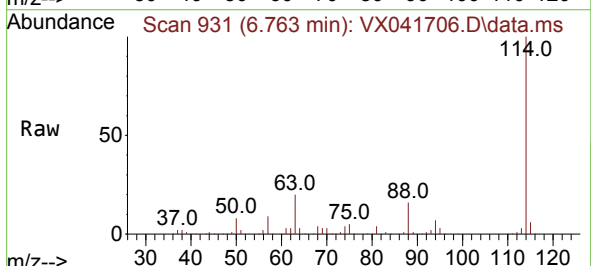
Tgt Ion: 114 Resp: 223510

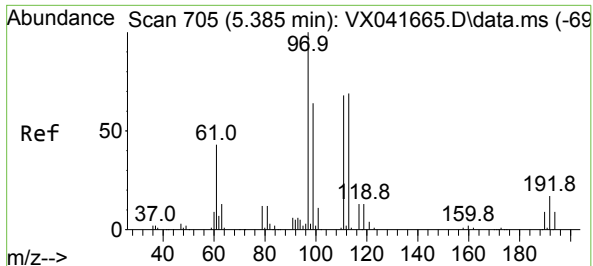
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

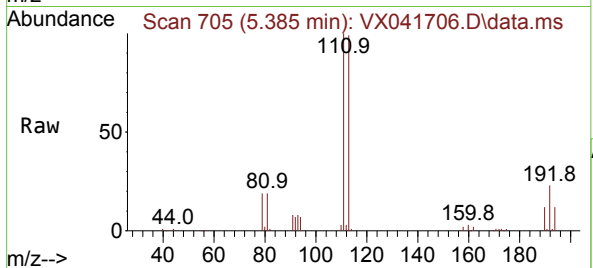
88 15.7 0.0 36.6



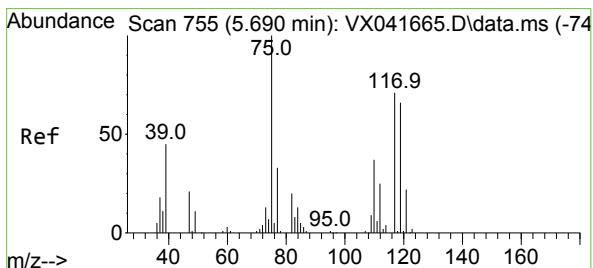
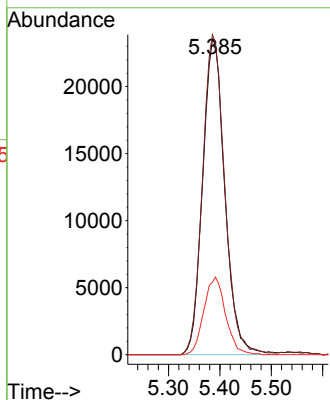
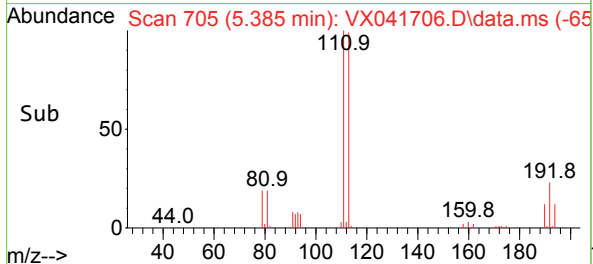


#35  
Dibromofluoromethane  
Concen: 45.668 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Instrument :  
MSVOA\_X  
ClientSampleId :

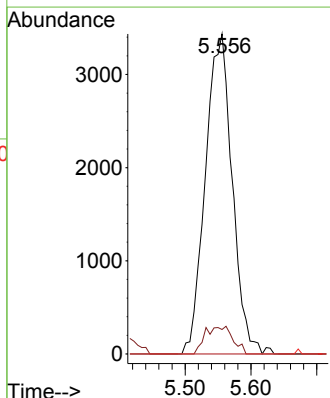
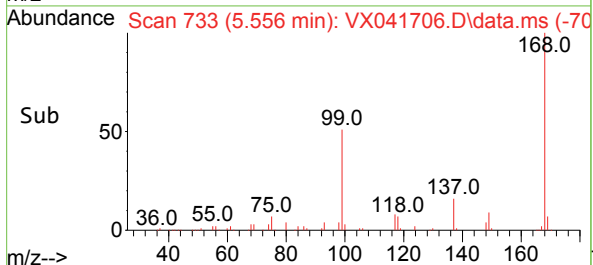
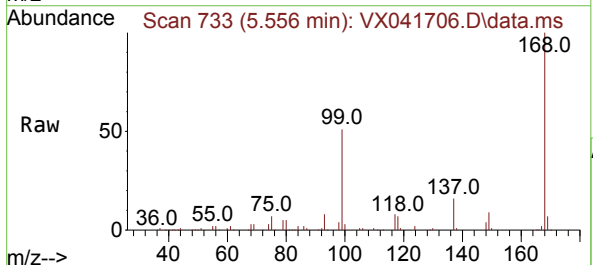


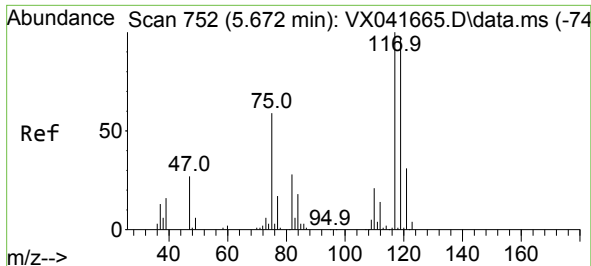
Tgt Ion:113 Resp: 70572  
Ion Ratio Lower Upper  
113 100  
111 101.4 82.9 124.3  
192 24.1 13.3 19.9#



#36  
1,1-Dichloropropene  
Concen: 5.219 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.134 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

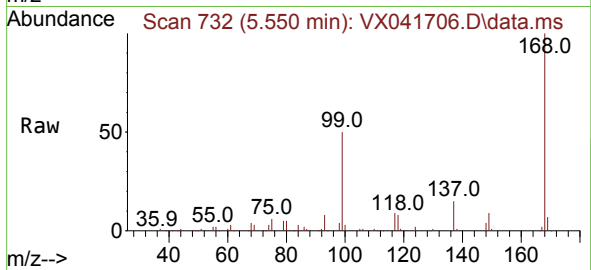
Tgt Ion: 75 Resp: 9765  
Ion Ratio Lower Upper  
75 100  
110 8.8 17.0 50.9#  
77 0.0 24.7 37.1#



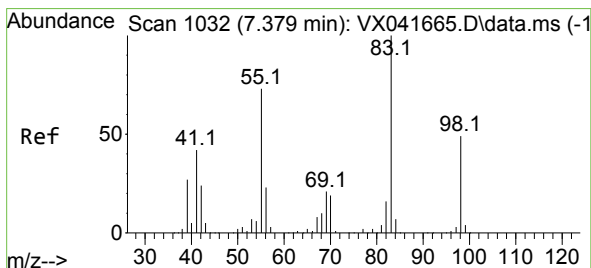
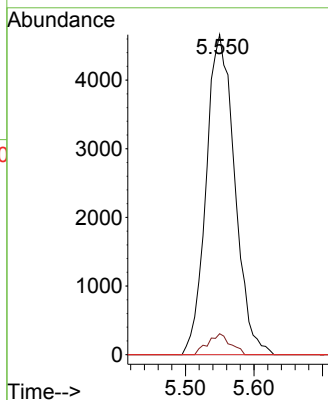
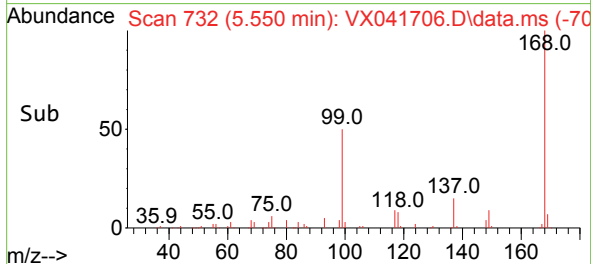


#38  
Carbon Tetrachloride  
Concen: 6.346 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Instrument :  
MSVOA\_X  
ClientSampleId :

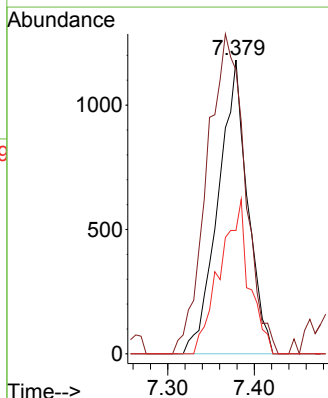
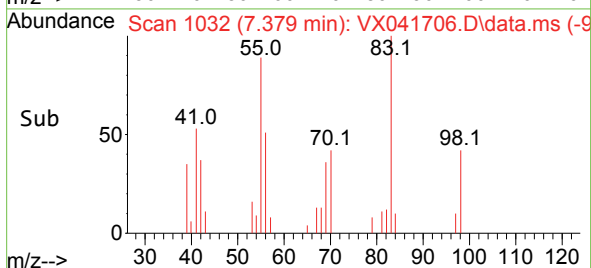
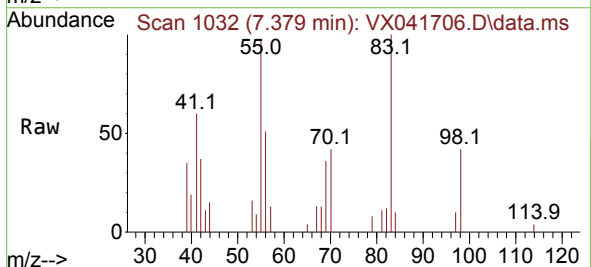


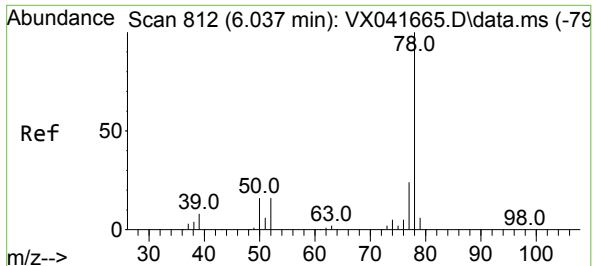
Tgt Ion:117 Resp: 13490  
Ion Ratio Lower Upper  
117 100  
119 6.5 78.2 117.2#  
121 0.0 24.4 36.6#



#39  
Methylcyclohexane  
Concen: 1.213 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Tgt Ion: 83 Resp: 2788  
Ion Ratio Lower Upper  
83 100  
55 96.6 64.6 97.0  
98 42.0 36.7 55.1





#40

Benzene

Concen: 2.325 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

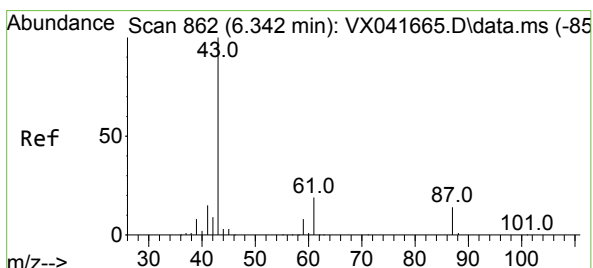
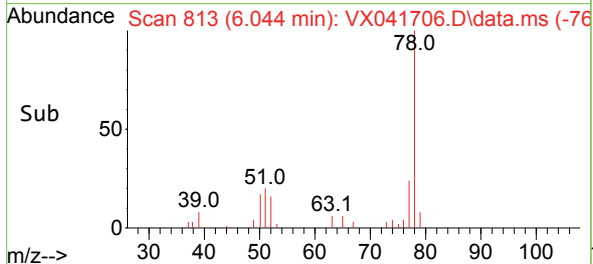
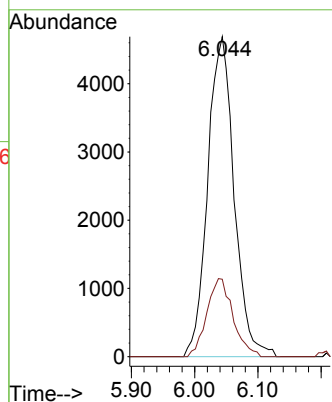
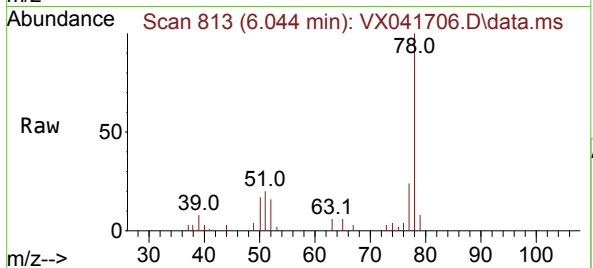
ClientSampleId :

Tgt Ion: 78 Resp: 13596

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9



#43

Isopropyl Acetate

Concen: 3.525 ug/l

RT: 6.245 min Scan# 846

Delta R.T. -0.097 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

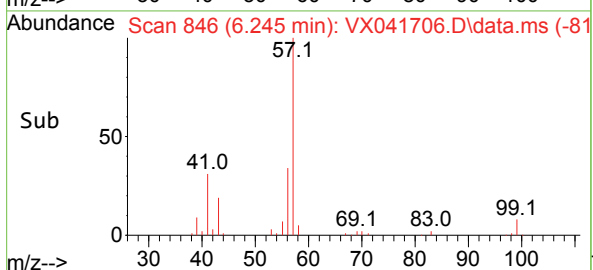
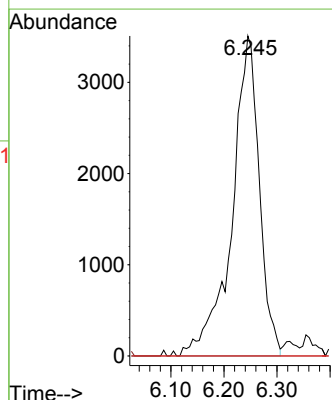
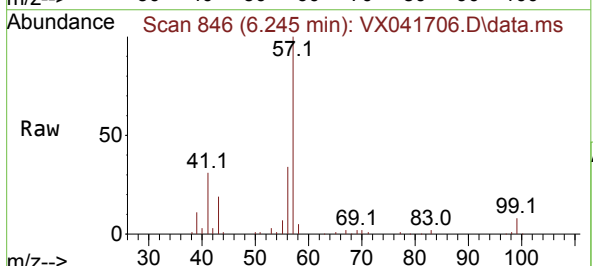
Tgt Ion: 43 Resp: 12566

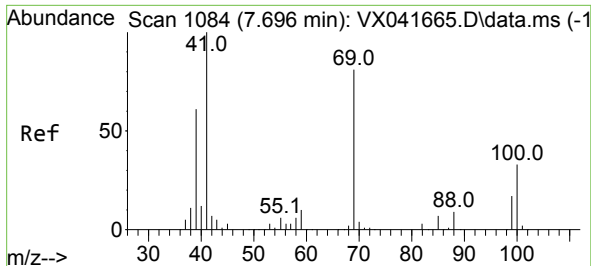
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#





#48

Methyl methacrylate

Concen: 0.221 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.036 min

Lab File: VX041706.D

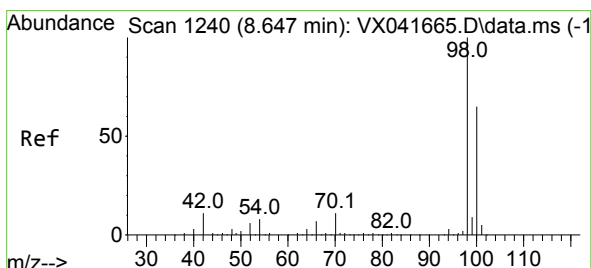
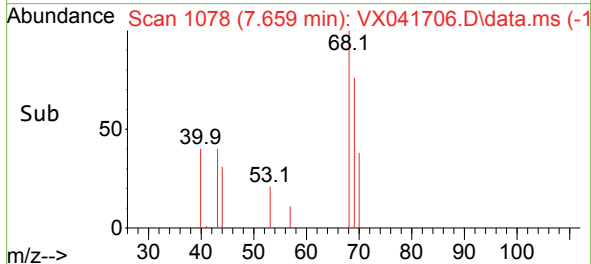
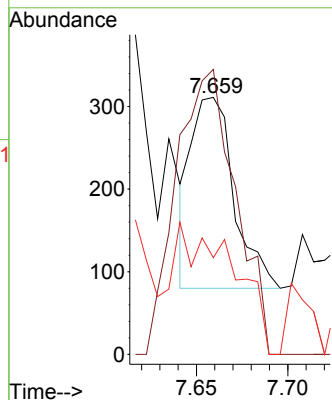
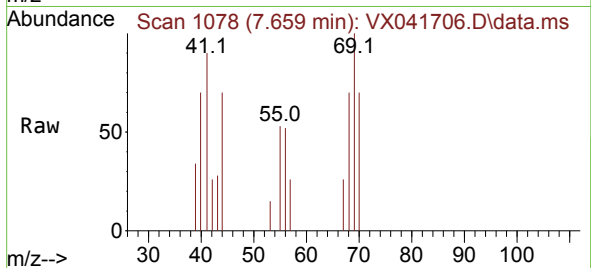
Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

ClientSampleId :

|             |                  |
|-------------|------------------|
| Tgt Ion: 41 | Resp: 378        |
| Ion Ratio   | Lower Upper      |
| 41          | 100              |
| 69          | 206.3 59.2 88.8# |
| 39          | 13.0 47.7 71.5#  |



#50

Toluene-d8

Concen: 49.220 ug/l

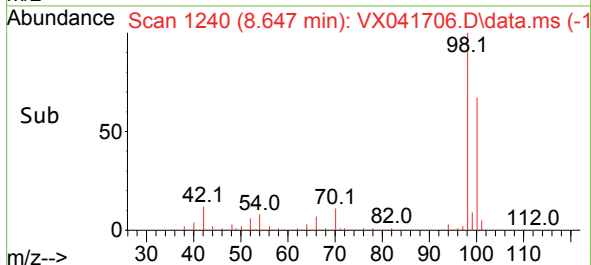
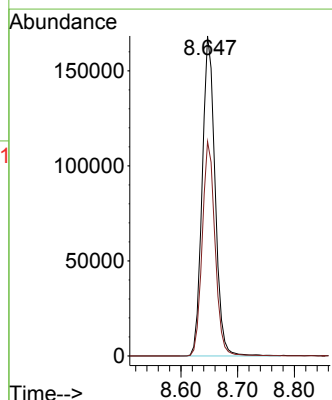
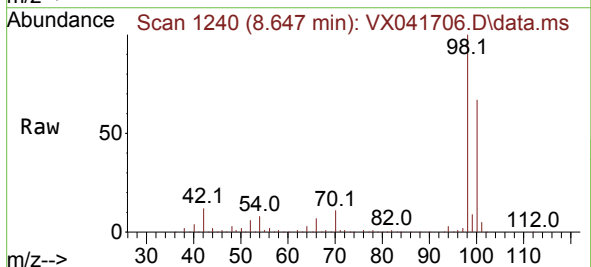
RT: 8.647 min Scan# 1240

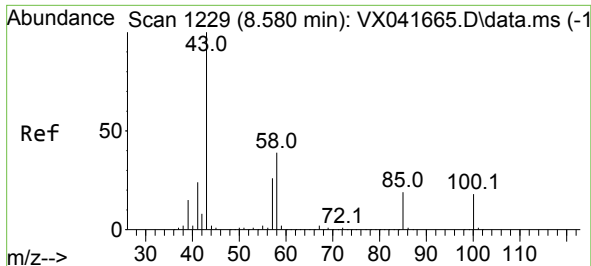
Delta R.T. 0.000 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

|             |                |
|-------------|----------------|
| Tgt Ion: 98 | Resp: 265769   |
| Ion Ratio   | Lower Upper    |
| 98          | 100            |
| 100         | 66.7 53.1 79.7 |





#51

4-Methyl-2-Pentanone

Concen: 0.333 ug/l

RT: 8.610 min Scan# 1234

Delta R.T. 0.031 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

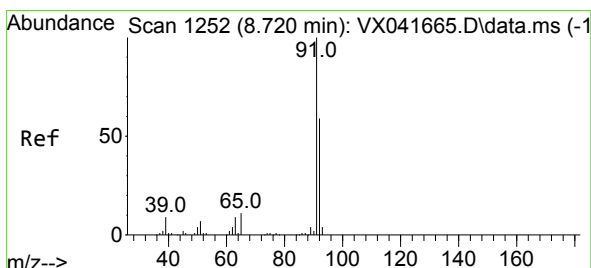
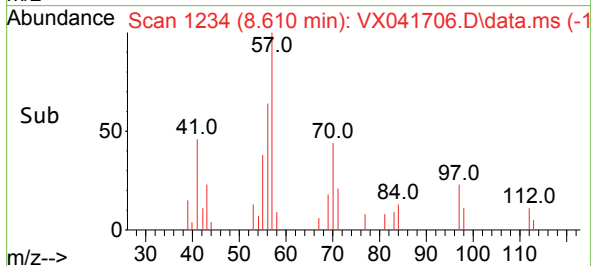
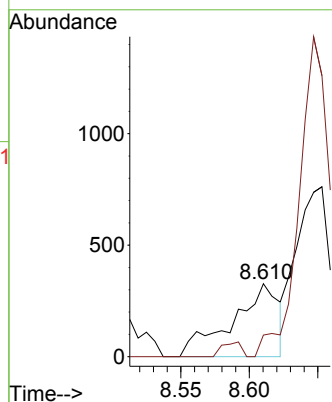
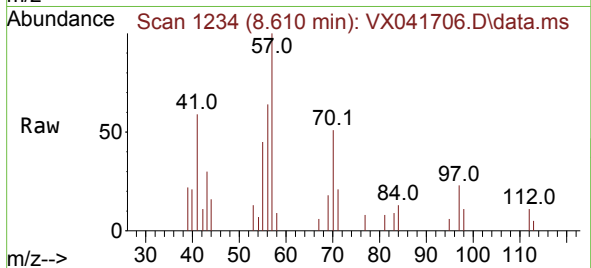
ClientSampleId :

Tgt Ion: 43 Resp: 769

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#52

Toluene

Concen: 0.211 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041706.D

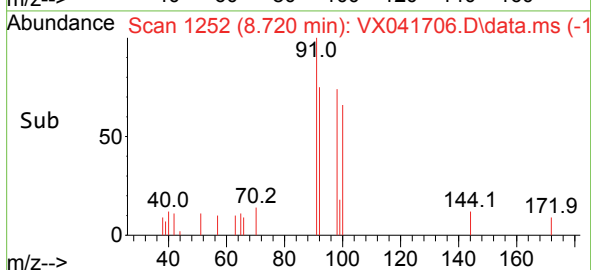
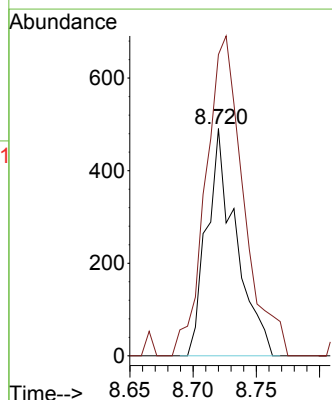
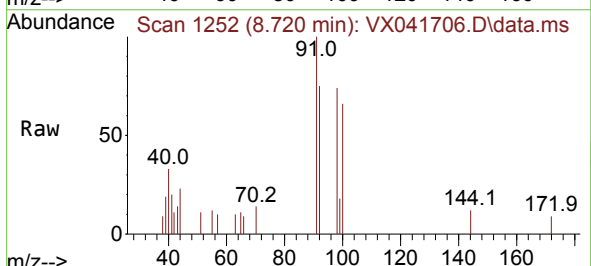
Acq: 03 Jun 2024 15:53

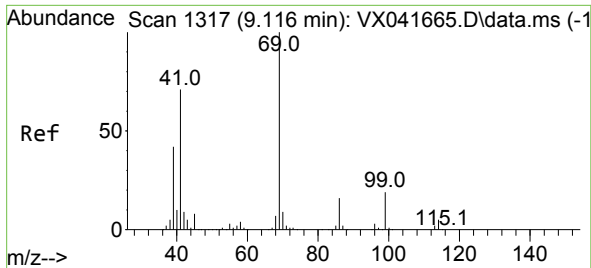
Tgt Ion: 92 Resp: 784

Ion Ratio Lower Upper

92 100

91 183.5 134.2 201.2

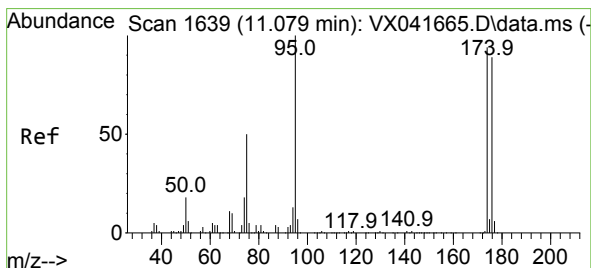
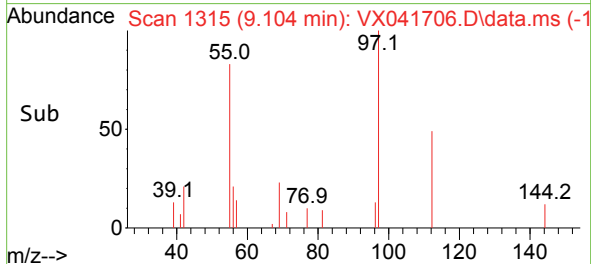
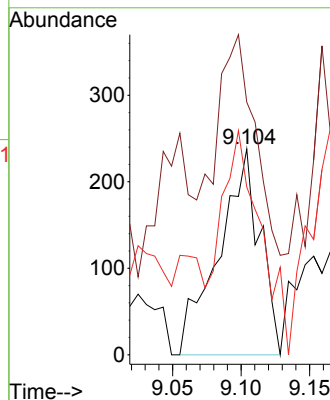
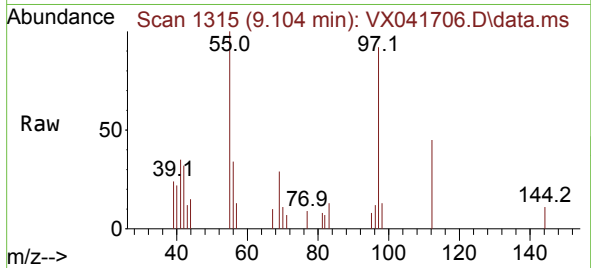




#56  
Ethyl methacrylate  
Concen: 0.218 ug/l  
RT: 9.104 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

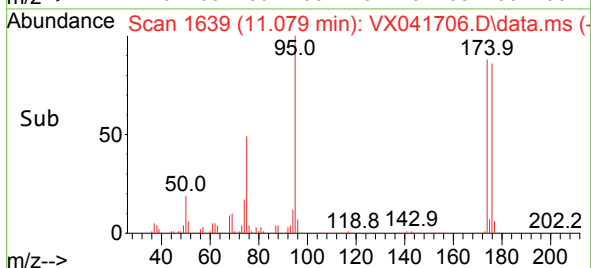
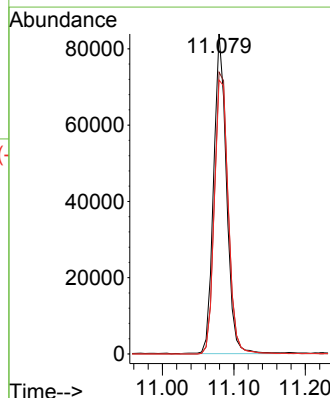
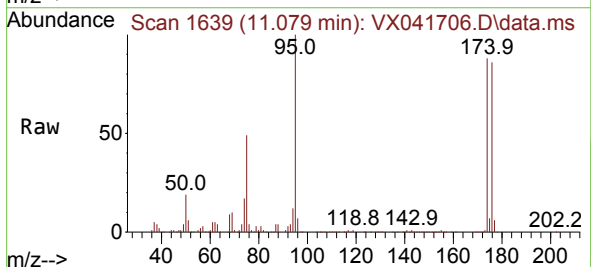
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 69 Resp: 497  
Ion Ratio Lower Upper  
69 100  
41 121.7 56.8 85.2#  
39 104.2 32.0 48.0#

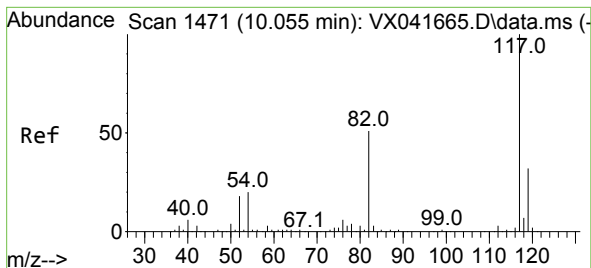


#62  
4-Bromofluorobenzene  
Concen: 52.536 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Tgt Ion: 95 Resp: 104699  
Ion Ratio Lower Upper  
95 100  
174 94.7 0.0 135.6  
176 93.2 0.0 131.0

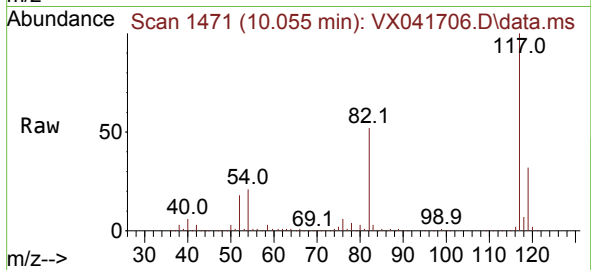




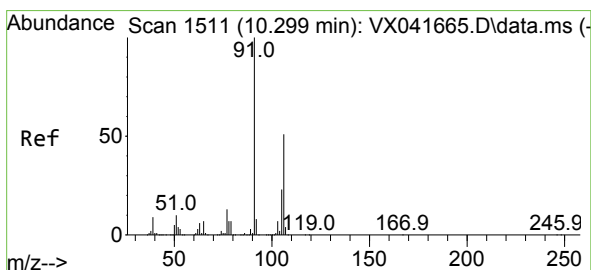
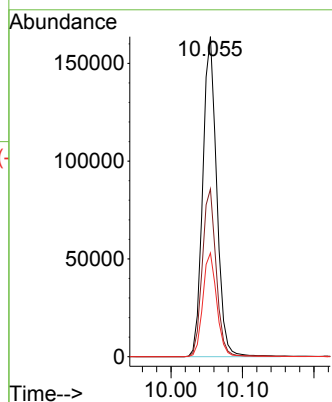
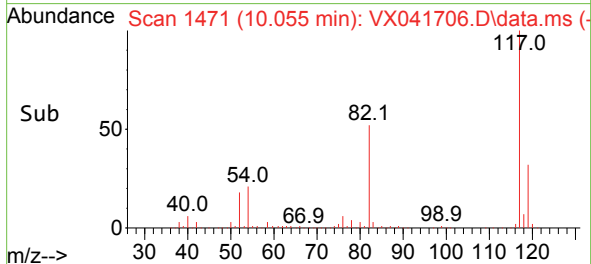


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

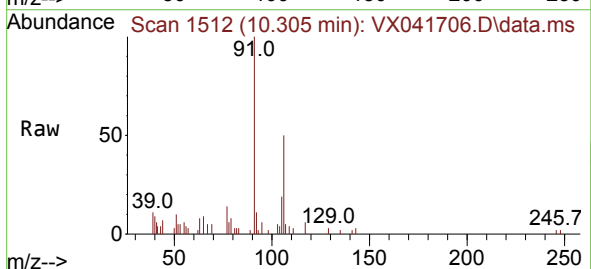
Instrument :  
MSVOA\_X  
ClientSampleId :



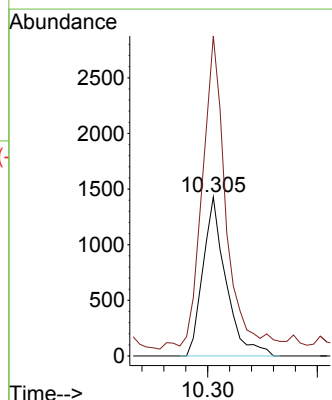
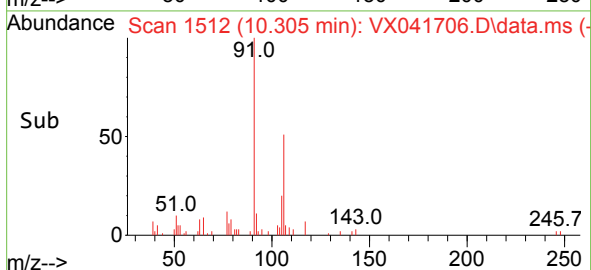
Tgt Ion:117 Resp: 221877  
Ion Ratio Lower Upper  
117 100  
82 52.4 46.2 69.4  
119 32.4 25.5 38.3

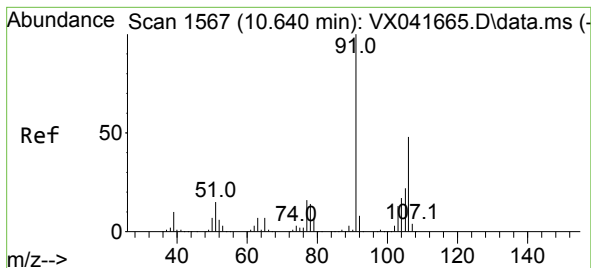


#68  
m/p-Xylenes  
Concen: 0.691 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53



Tgt Ion:106 Resp: 2085  
Ion Ratio Lower Upper  
106 100  
91 208.5 165.5 248.3





#69

o-Xylene

Concen: 0.260 ug/l

RT: 10.647 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

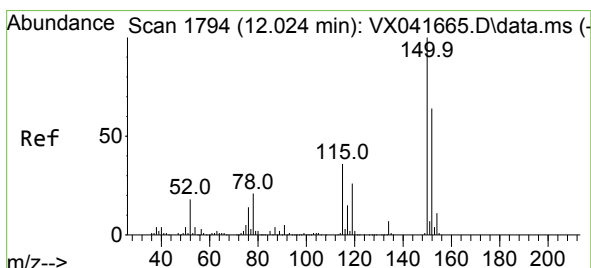
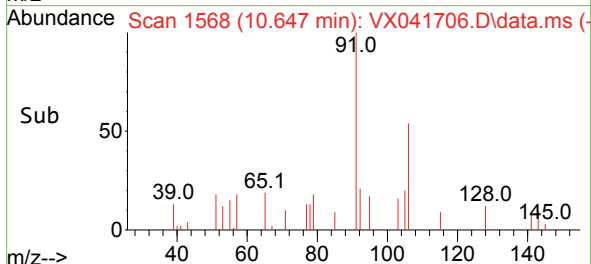
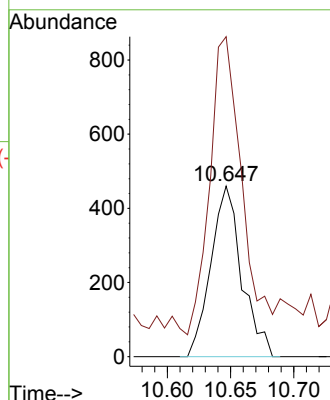
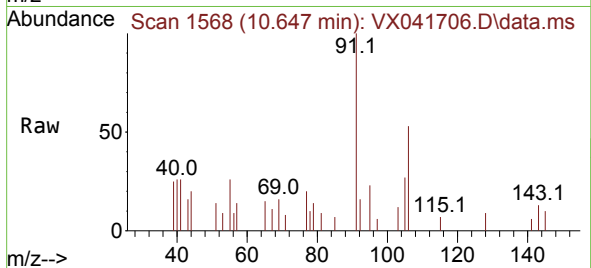
ClientSampleId :

Tgt Ion:106 Resp: 780

Ion Ratio Lower Upper

106 100

91 179.0 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

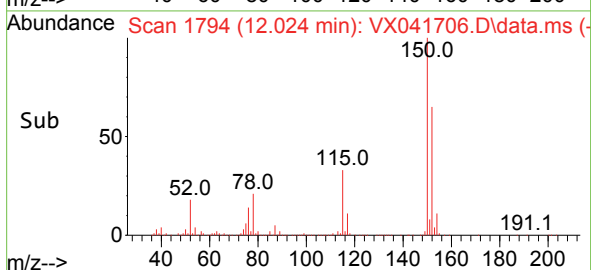
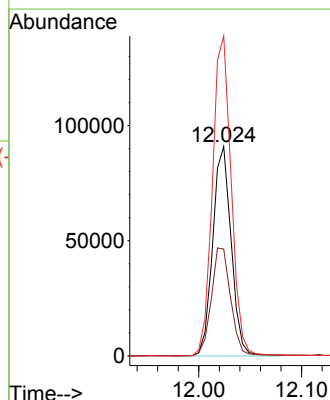
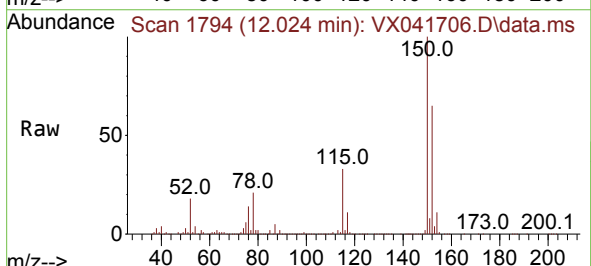
Tgt Ion:152 Resp: 113150

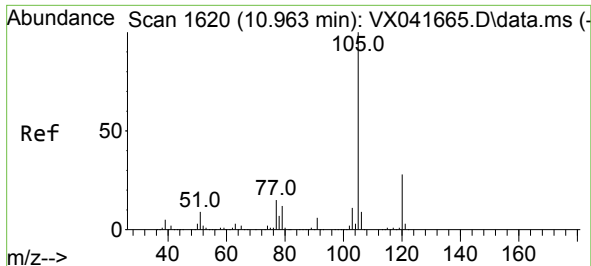
Ion Ratio Lower Upper

152 100

115 54.1 43.3 129.9

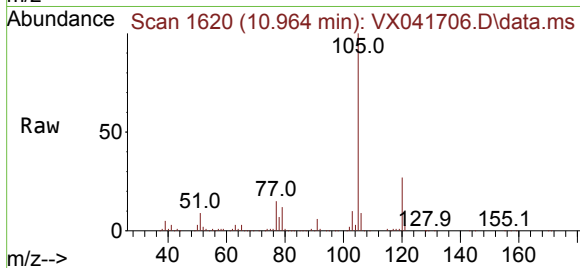
150 155.6 0.0 345.0



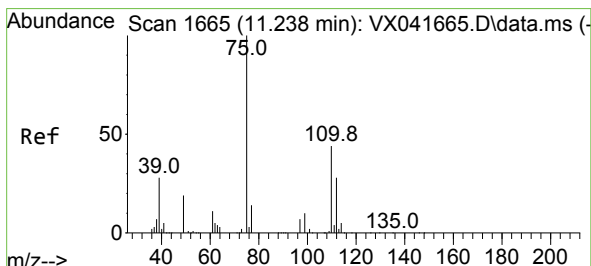
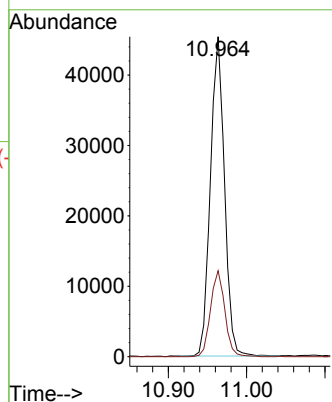
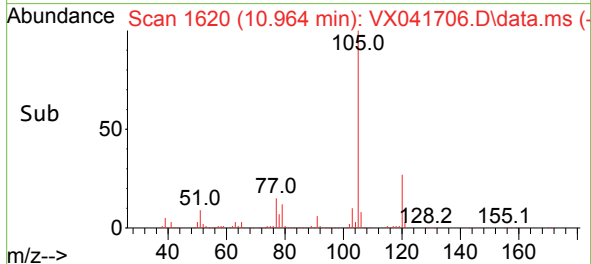


#73  
Isopropylbenzene  
Concen: 8.046 ug/l  
RT: 10.964 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Instrument :  
MSVOA\_X  
ClientSampleId :

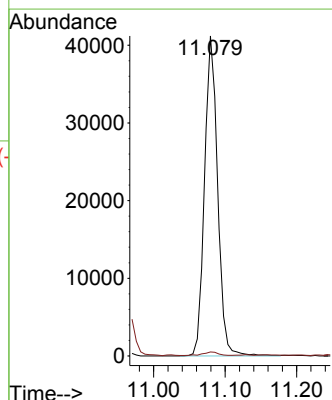
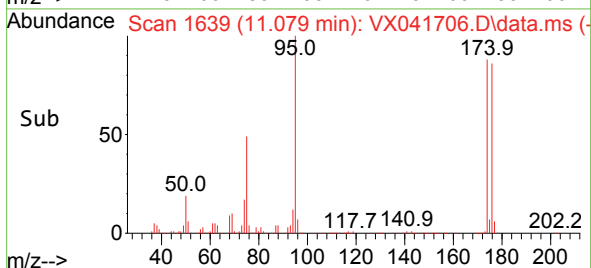
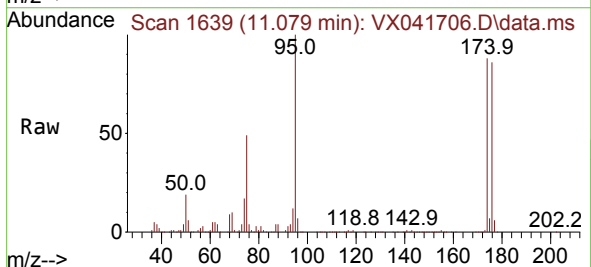


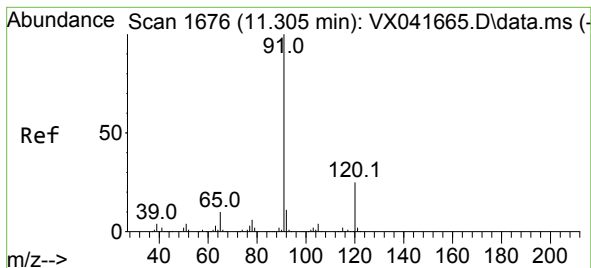
Tgt Ion:105 Resp: 56471  
Ion Ratio Lower Upper  
105 100  
120 27.4 12.9 38.6



#76  
1,2,3-Trichloropropane  
Concen: 26.581 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Tgt Ion: 75 Resp: 52477  
Ion Ratio Lower Upper  
75 100  
77 1.2 19.1 57.5#





#78

n-propylbenzene

Concen: 12.431 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

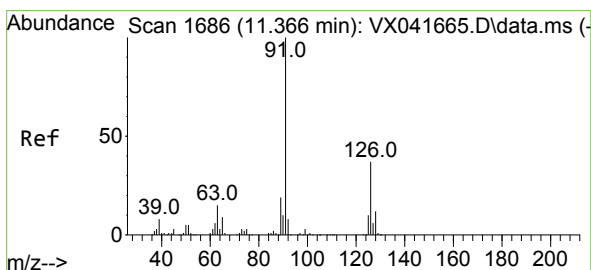
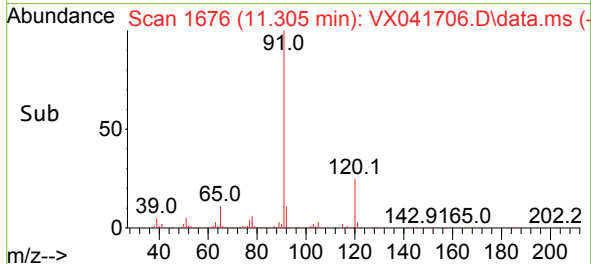
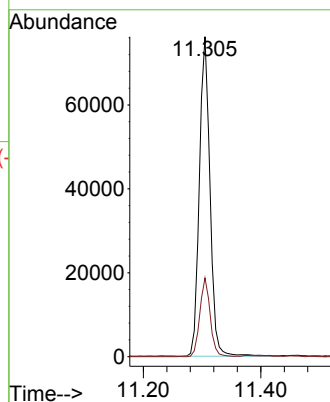
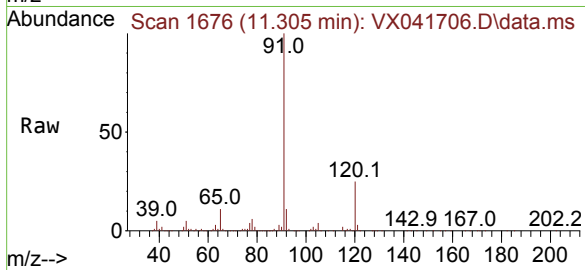
ClientSampleId :

Tgt Ion: 91 Resp: 95809

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4



#79

2-Chlorotoluene

Concen: 19.341 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.061 min

Lab File: VX041706.D

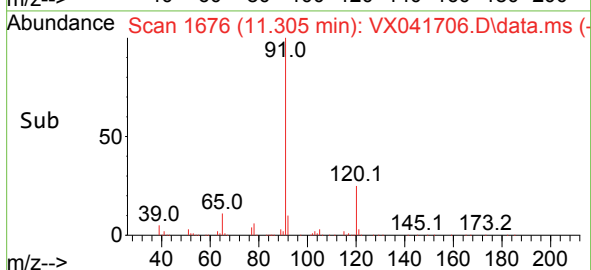
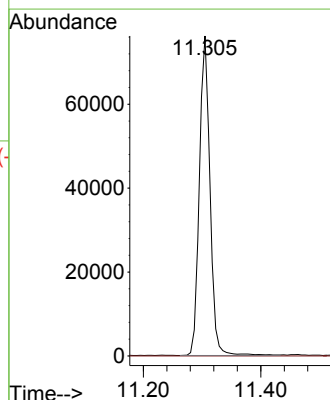
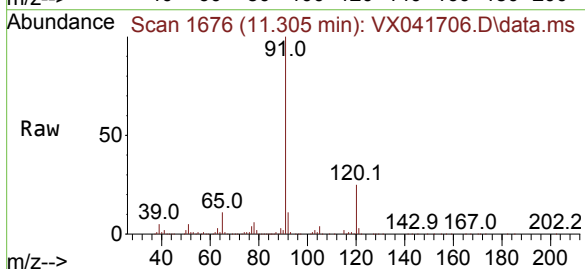
Acq: 03 Jun 2024 15:53

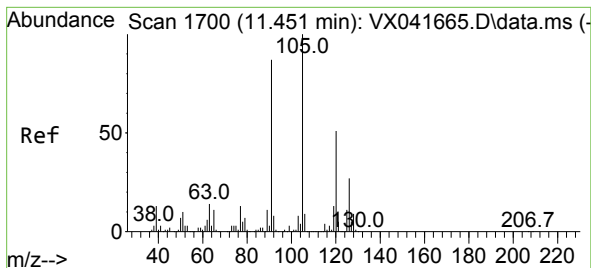
Tgt Ion: 91 Resp: 95809

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.441 ug/l

RT: 11.616 min Scan# 1

Delta R.T. 0.165 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

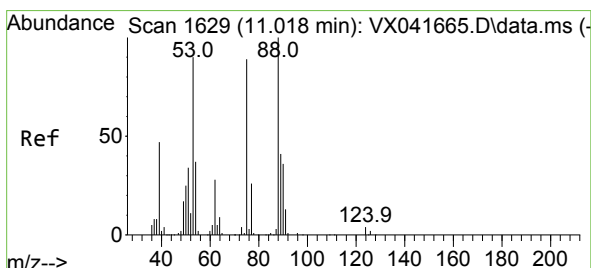
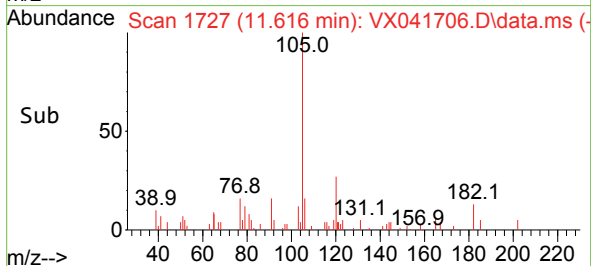
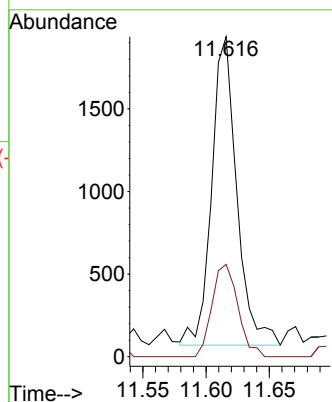
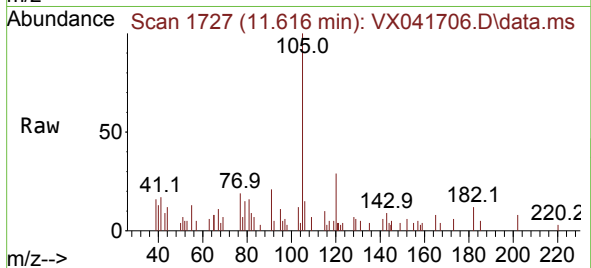
ClientSampleId :

Tgt Ion:105 Resp: 2582

Ion Ratio Lower Upper

105 100

120 30.7 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 72.446 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

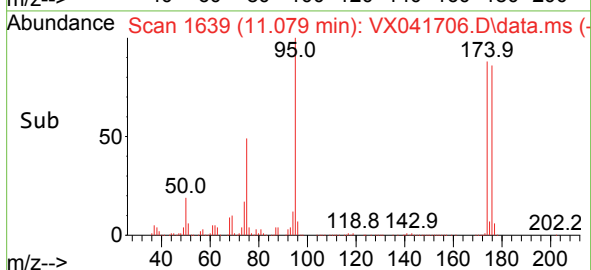
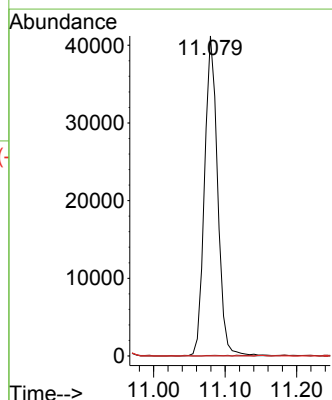
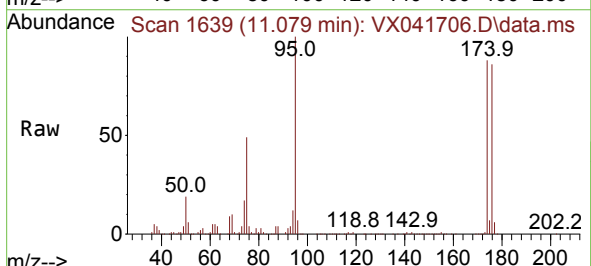
Tgt Ion: 75 Resp: 52477

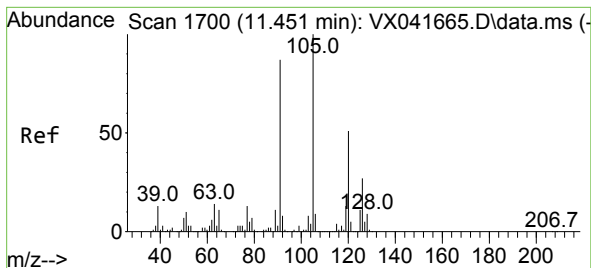
Ion Ratio Lower Upper

75 100

53 0.3 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 17.001 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.146 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

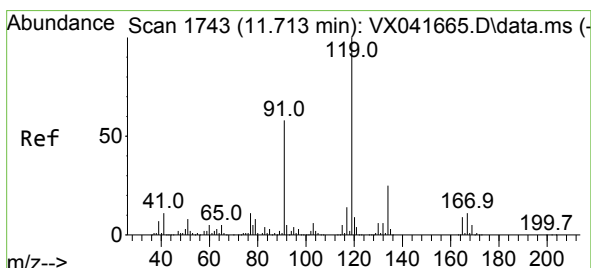
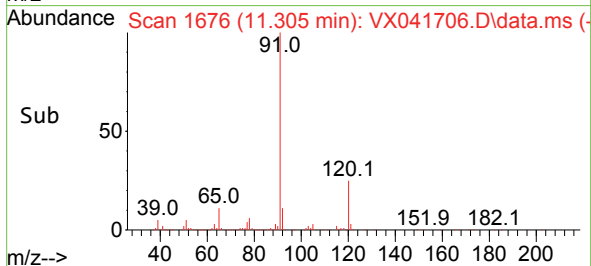
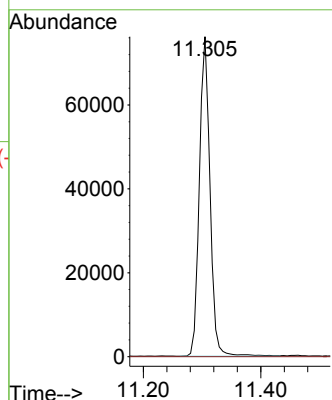
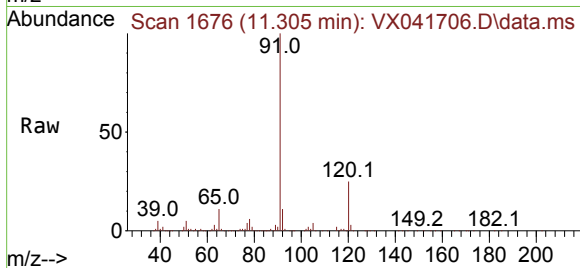
ClientSampleId :

Tgt Ion: 91 Resp: 95809

Ion Ratio Lower Upper

91 100

126 0.0 14.2 42.6#



#83

tert-Butylbenzene

Concen: 0.225 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

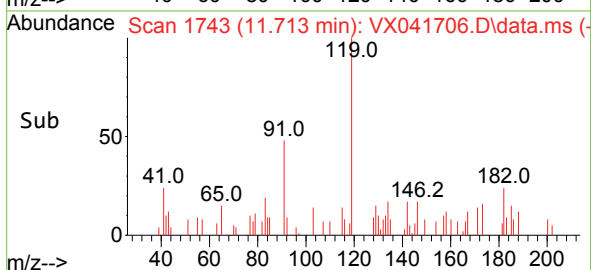
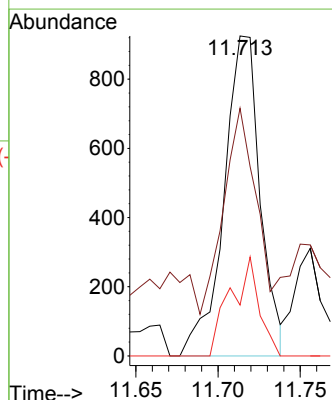
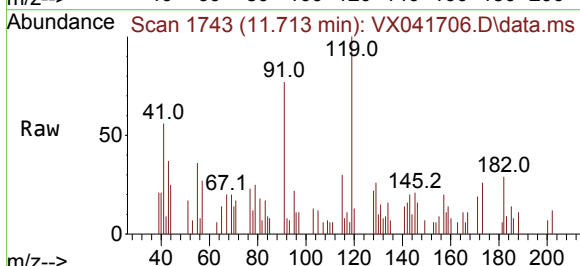
Tgt Ion: 119 Resp: 1419

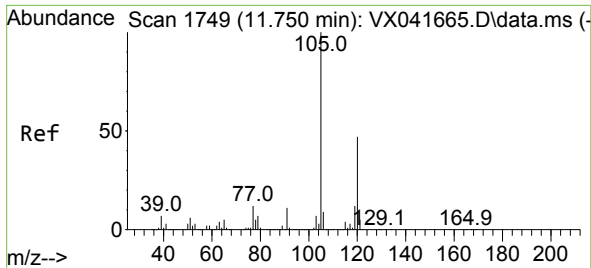
Ion Ratio Lower Upper

119 100

91 58.8 31.2 93.6

134 24.4 11.7 35.0

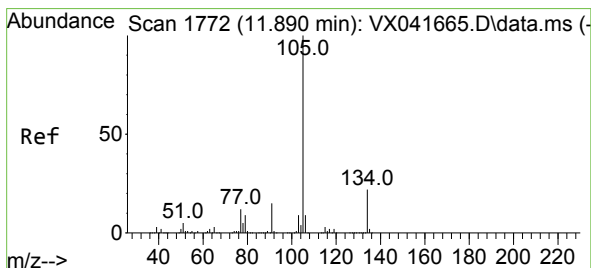
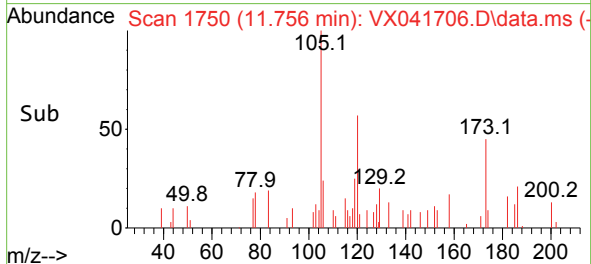
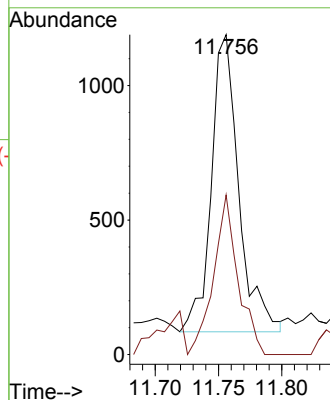
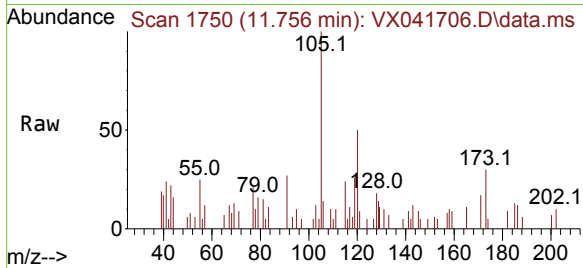




#84  
1,2,4-Trimethylbenzene  
Concen: 0.281 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

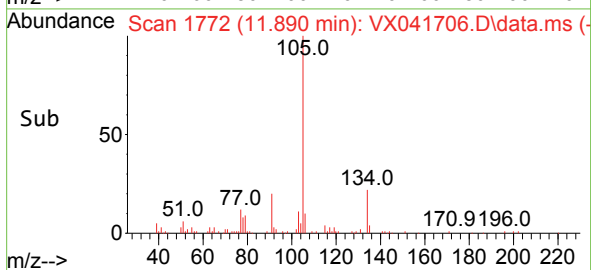
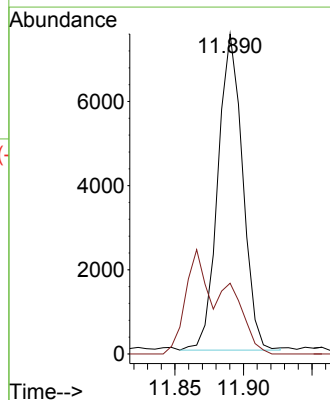
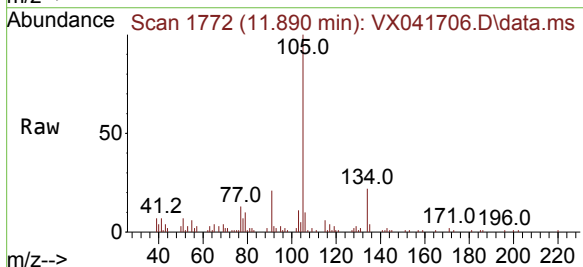
Instrument :  
MSVOA\_X  
ClientSampleId :

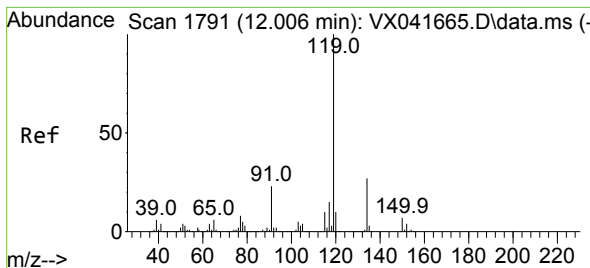
Tgt Ion:105 Resp: 1667  
Ion Ratio Lower Upper  
105 100  
120 47.8 21.2 63.6



#85  
sec-Butylbenzene  
Concen: 1.302 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX041706.D  
Acq: 03 Jun 2024 15:53

Tgt Ion:105 Resp: 9421  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 0.396 ug/l

RT: 12.177 min Scan# 1791

Delta R.T. 0.171 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

ClientSampleId :

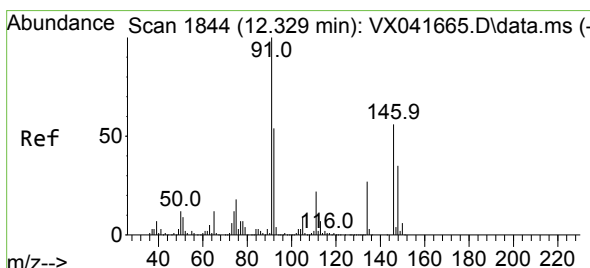
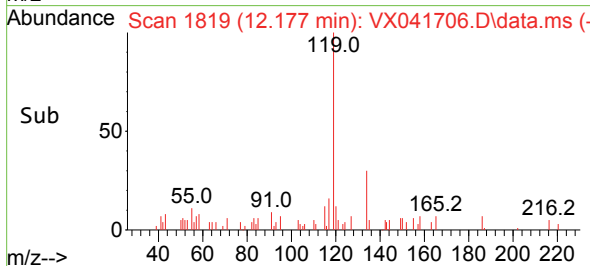
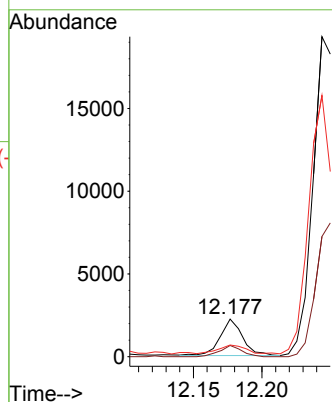
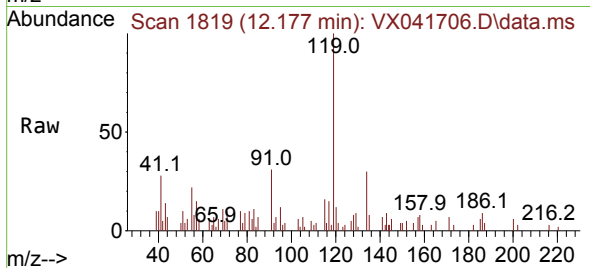
Tgt Ion:119 Resp: 2512

Ion Ratio Lower Upper

119 100

134 30.1 12.8 38.3

91 27.5 13.1 39.3



#89

n-Butylbenzene

Concen: 1.161 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.018 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

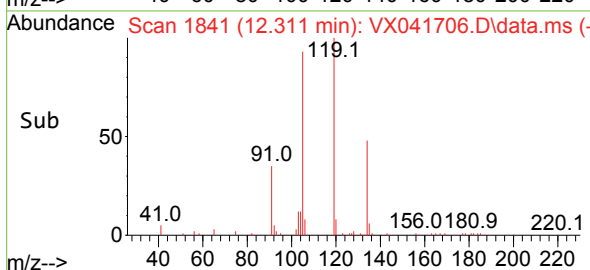
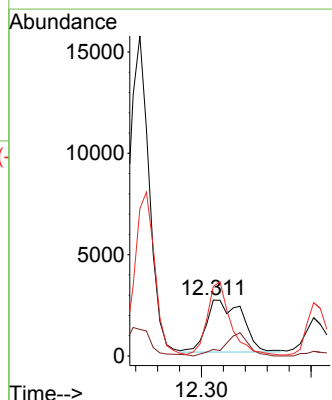
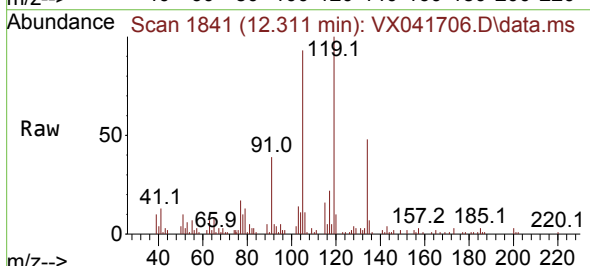
Tgt Ion: 91 Resp: 5835

Ion Ratio Lower Upper

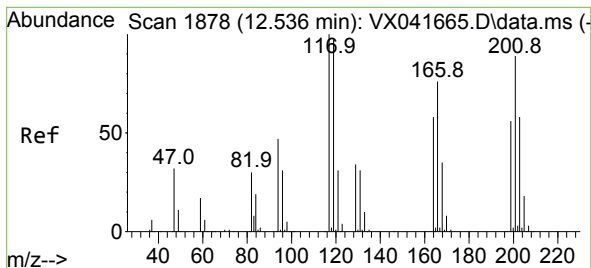
91 100

92 0.0 27.4 82.0#

134 94.8 12.6 37.8#







#90

Hexachloroethane

Concen: 3.450 ug/l

RT: 12.616 min Scan# 1878

Delta R.T. 0.079 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

Instrument :

MSVOA\_X

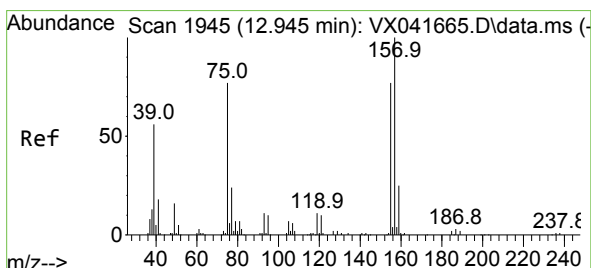
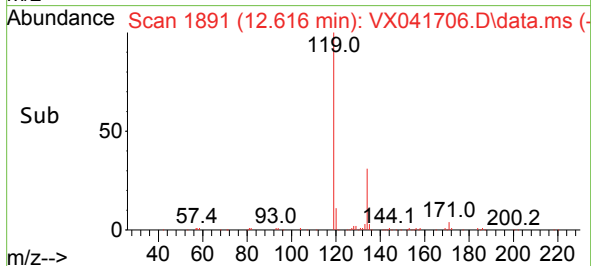
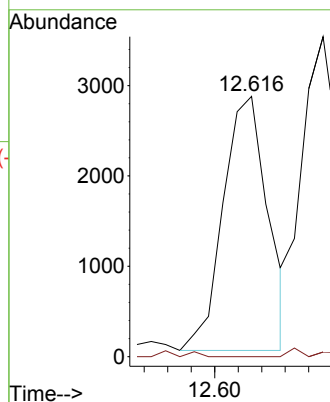
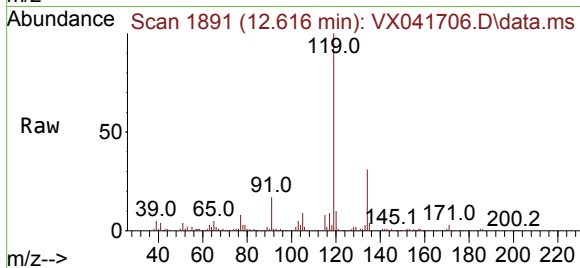
ClientSampleId :

Tgt Ion:117 Resp: 3724

Ion Ratio Lower Upper

117 100

201 0.9 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.596 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.024 min

Lab File: VX041706.D

Acq: 03 Jun 2024 15:53

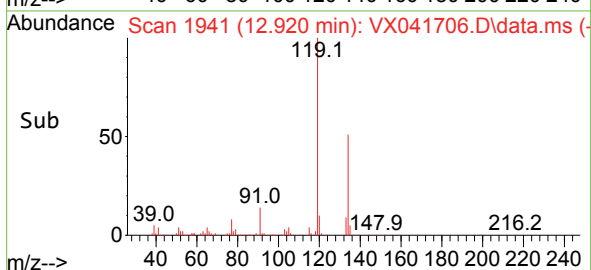
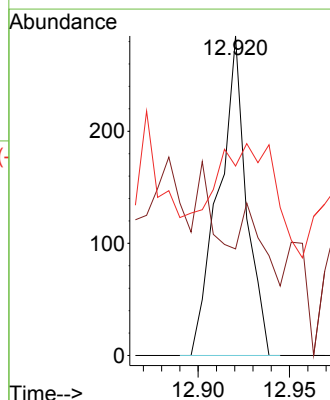
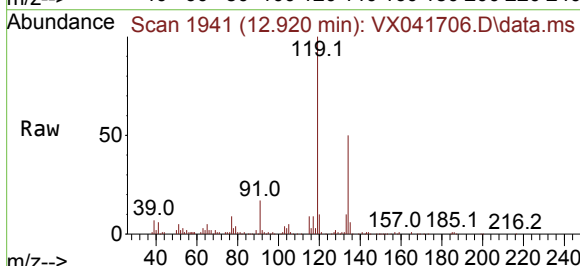
Tgt Ion: 75 Resp: 300

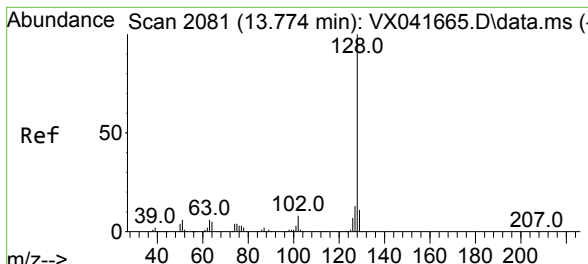
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

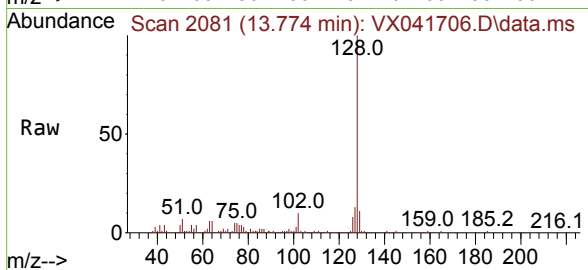
157 77.0 44.9 134.7





#95  
 Naphthalene  
 Concen: 4.723 ug/l  
 RT: 13.774 min Scan# 2081  
 Delta R.T. 0.000 min  
 Lab File: VX041706.D  
 Acq: 03 Jun 2024 15:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 34615 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 15.0  | 10.3  | 15.5  |
| 129      | 11.2  | 8.8   | 13.2  |

