

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102423\  
 Data File : VX038455.D  
 Acq On : 24 Oct 2023 15:08  
 Operator : JC/MD  
 Sample : 04975-02 10X  
 Misc : 1.26g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 25 06:08:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|-------|----------|
| -----                         |        |       |          |           |       |          |
| Internal Standards            |        |       |          |           |       |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 161198   | 50.000    | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 283547   | 50.000    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 288794   | 50.000    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 162059   | 50.000    | ug/l  | 0.00     |
| System Monitoring Compounds   |        |       |          |           |       |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 103026   | 39.736    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery  | =     | 79.480%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 91089    | 44.583    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =     | 89.160%  |
| 50) Toluene-d8                | 8.647  | 98    | 349665   | 44.787    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery  | =     | 89.580%# |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 142712   | 48.216    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =     | 96.440%  |
| Target Compounds              |        |       |          |           |       |          |
|                               |        |       |          |           |       | Qvalue   |
| 5) Bromomethane               | 1.599  | 94    | 599      | Below Cal | #     | 60       |
| 6) Chloroethane               | 1.672  | 64    | 116      | Below Cal | #     | 43       |
| 11) Tert butyl alcohol        | 2.940  | 59    | 5630     | Below Cal | #     | 84       |
| 13) Acrolein                  | 2.239  | 56    | 98       | 0.266     | ug/l  | # 14     |
| 16) Acetone                   | 2.386  | 43    | 4915     | 4.542     | ug/l  | # 94     |
| 17) Carbon Disulfide          | 2.508  | 76    | 851      | 0.200     | ug/l  | # 76     |
| 20) Methylene Chloride        | 2.788  | 84    | 606      | 0.298     | ug/l  | # 80     |
| 25) 2-Butanone                | 4.586  | 43    | 473      | 0.271     | ug/l  | # 51     |
| 31) Cyclohexane               | 5.501  | 56    | 6889     | 2.452     | ug/l  | # 54     |
| 36) 1,1-Dichloropropene       | 5.544  | 75    | 12700    | 4.508     | ug/l  | # 52     |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 15717    | 5.671     | ug/l  | # 16     |
| 39) Methylcyclohexane         | 7.385  | 83    | 14179    | 4.296     | ug/l  | # 87     |
| 43) Isopropyl Acetate         | 6.184  | 43    | 4042     | 0.809     | ug/l  | # 62     |
| 48) Methyl methacrylate       | 7.659  | 41    | 1767     | 0.741     | ug/l  | # 12     |
| 51) 4-Methyl-2-Pentanone      | 8.604  | 43    | 1238     | 0.359     | ug/l  | # 37     |
| 52) Toluene                   | 8.720  | 92    | 350257   | 68.233    | ug/l  | # 95     |
| 53) t-1,3-Dichloropropene     | 8.714  | 75    | 4173     | 1.382     | ug/l  | # 1      |
| 55) 1,1,2-Trichloroethane     | 9.202  | 97    | 508      | 0.231     | ug/l  | # 36     |
| 56) Ethyl methacrylate        | 9.098  | 69    | 2644     | 0.785     | ug/l  | # 1      |
| 59) 2-Hexanone                | 9.384  | 43    | 6543     | 2.362     | ug/l  | # 33     |
| 67) Ethyl Benzene             | 10.195 | 91    | 49894    | 4.625     | ug/l  | # 98     |
| 68) m/p-Xylenes               | 10.299 | 106   | 63924    | 15.326    | ug/l  | # 98     |
| 69) o-Xylene                  | 10.640 | 106   | 31278    | 7.683     | ug/l  | # 99     |
| 70) Styrene                   | 10.640 | 104   | 1973     | 0.298     | ug/l  | # 1      |
| 73) Isopropylbenzene          | 10.963 | 105   | 19067    | 1.754     | ug/l  | # 99     |
| 74) N-amyl acetate            | 10.854 | 43    | 6189     | 1.334     | ug/l  | # 1      |
| 75) 1,1,2,2-Tetrachloroethane | 11.219 | 83    | 5198     | 1.303     | ug/l  | # 26     |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 72241    | 19.608    | ug/l  | # 39     |
| 78) n-propylbenzene           | 11.305 | 91    | 58667    | 4.415     | ug/l  | # 100    |
| 79) 2-Chlorotoluene           | 11.378 | 91    | 22888    | 2.904     | ug/l  | # 43     |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105   | 48057    | 5.125     | ug/l  | # 97     |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 72241    | 56.670    | ug/l  | # 6      |
| 82) 4-Chlorotoluene           | 11.451 | 91    | 6131     | 0.657     | ug/l  | # 57     |
| 83) tert-Butylbenzene         | 11.750 | 119   | 19628    | 2.142     | ug/l  | # 59     |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105   | 162066   | 17.336    | ug/l  | # 97     |
| 85) sec-Butylbenzene          | 11.890 | 105   | 24254    | 2.044     | ug/l  | # 87     |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 25 06:08:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

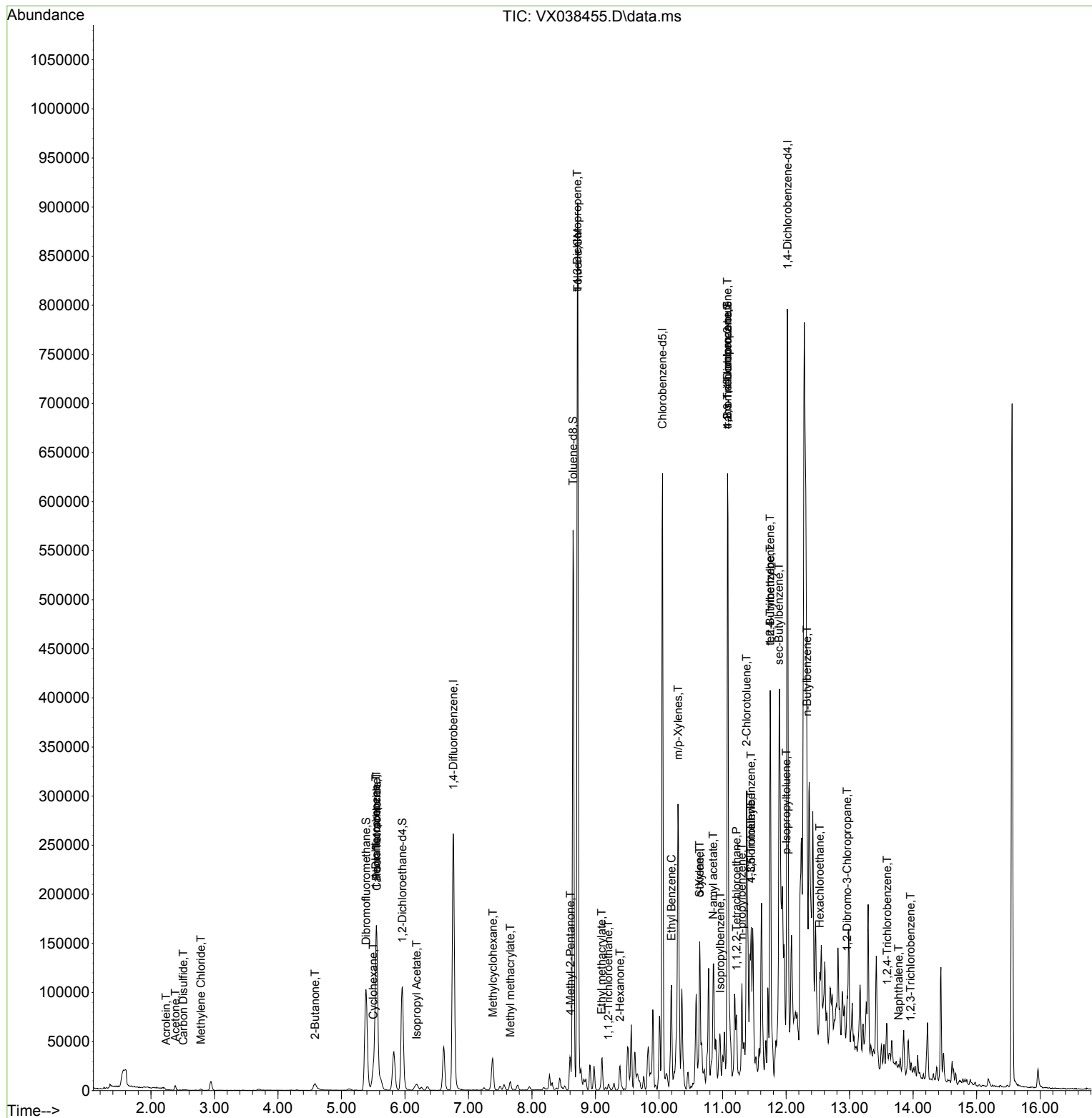
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 86) p-Isopropyltoluene        | 12.006 | 119  | 11148    | 1.138 | ug/l   | 94       |
| 89) n-Butylbenzene            | 12.329 | 91   | 34609    | 3.549 | ug/l # | 56       |
| 90) Hexachloroethane          | 12.530 | 117  | 2685     | 1.654 | ug/l # | 17       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.963 | 75   | 237      | 0.246 | ug/l # | 9        |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 2218     | 0.646 | ug/l # | 72       |
| 95) Naphthalene               | 13.774 | 128  | 6256     | 0.523 | ug/l # | 82       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 962      | 0.289 | ug/l # | 37       |

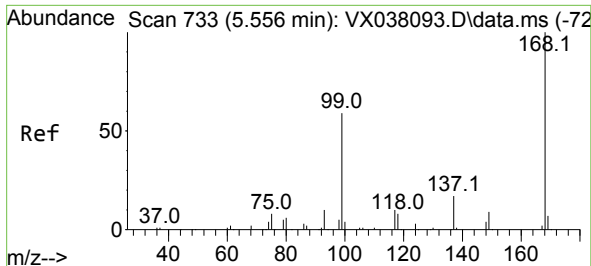
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102423\  
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 MSVOA\_X  
 ClientSampleId :

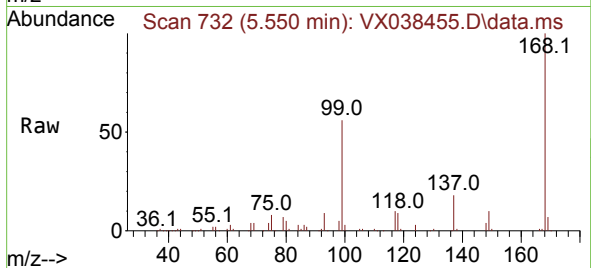
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 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration



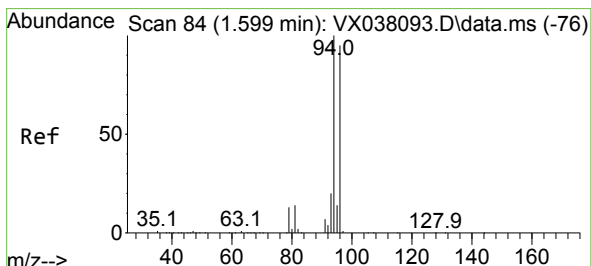
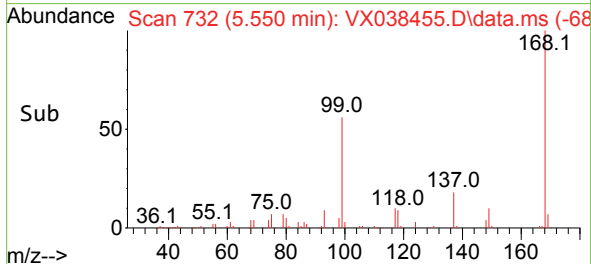
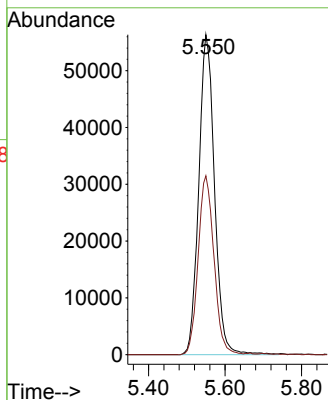


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :

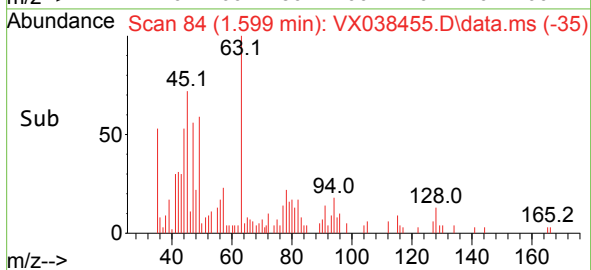
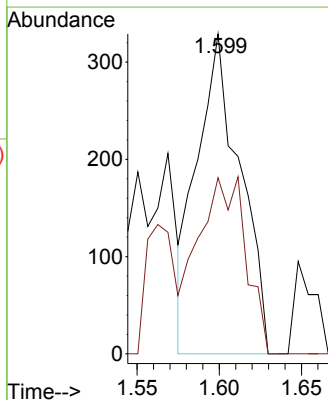
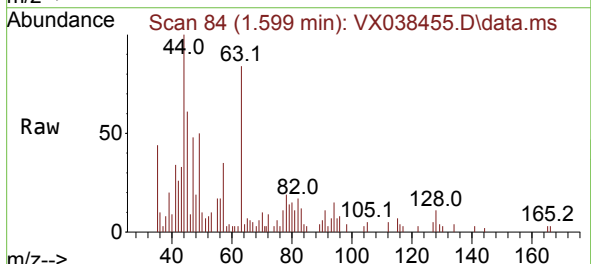


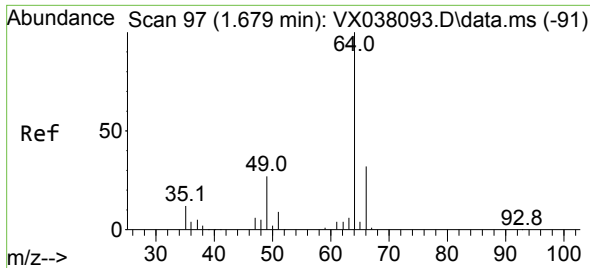
Tgt Ion:168 Resp: 161198  
Ion Ratio Lower Upper  
168 100  
99 55.9 56.6 85.0#



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

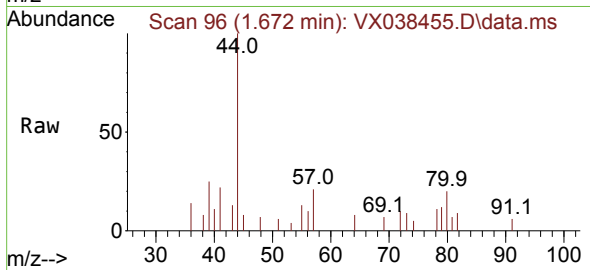
Tgt Ion: 94 Resp: 599  
Ion Ratio Lower Upper  
94 100  
96 55.0 74.6 111.8#



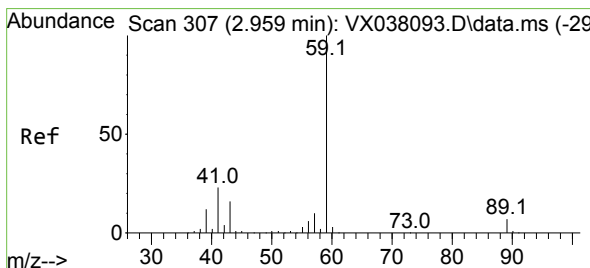
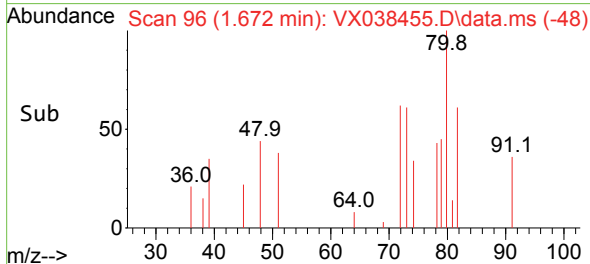
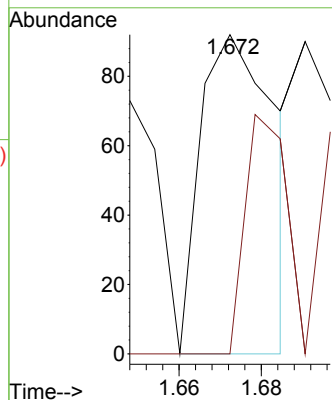


#6  
Chloroethane  
Concen: Below Cal  
RT: 1.672 min Scan# 91  
Delta R.T. -0.007 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :

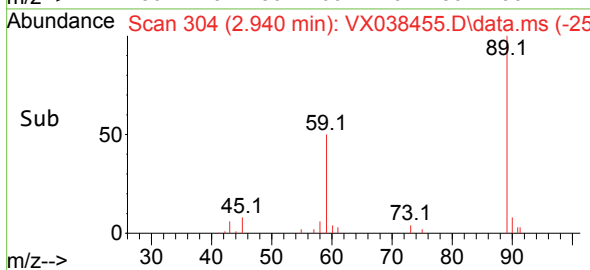
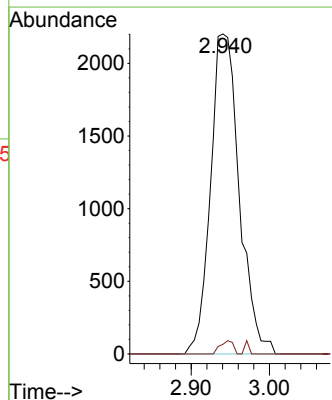
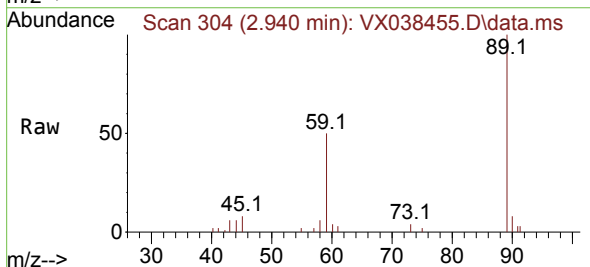


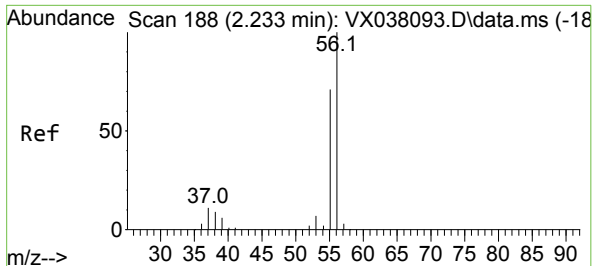
Tgt Ion: 64 Resp: 116  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.1 37.7#



#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 2.940 min Scan# 304  
Delta R.T. -0.019 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

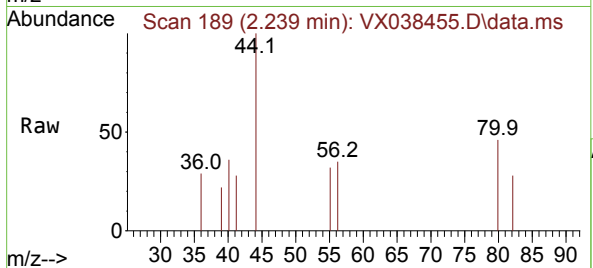
Tgt Ion: 59 Resp: 5630  
Ion Ratio Lower Upper  
59 100  
57 1.9 6.0 9.0#



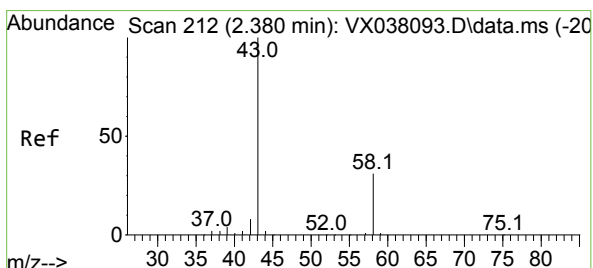
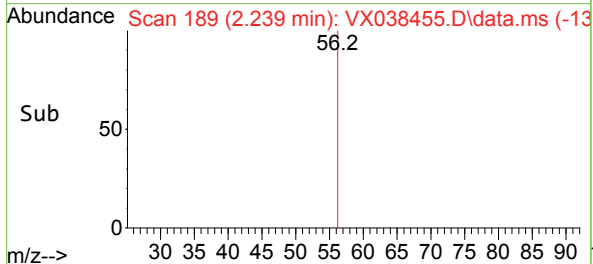
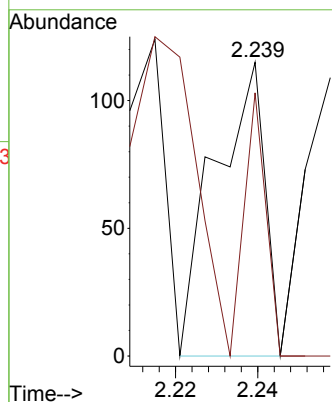


#13  
Acrolein  
Concen: 0.266 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :

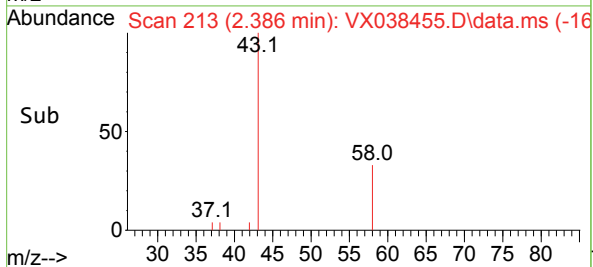
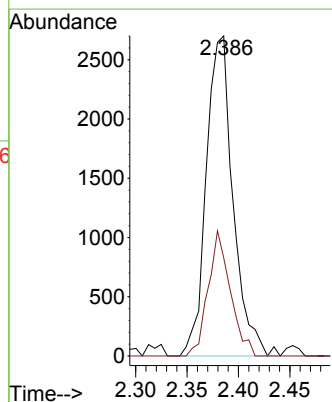
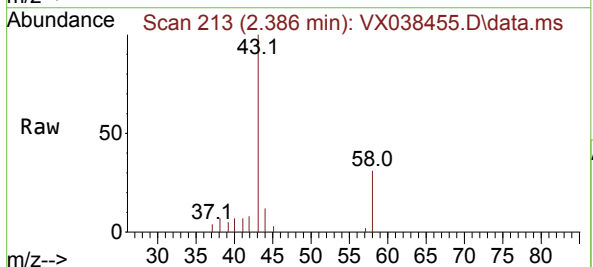


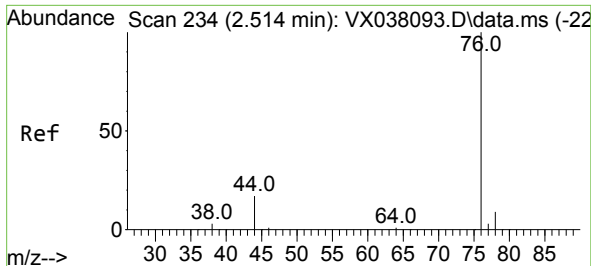
Tgt Ion: 56 Resp: 98  
Ion Ratio Lower Upper  
56 100  
55 0.0 57.1 85.7#



#16  
Acetone  
Concen: 4.542 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Tgt Ion: 43 Resp: 4915  
Ion Ratio Lower Upper  
43 100  
58 30.7 21.9 32.9





#17

Carbon Disulfide

Concen: 0.200 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

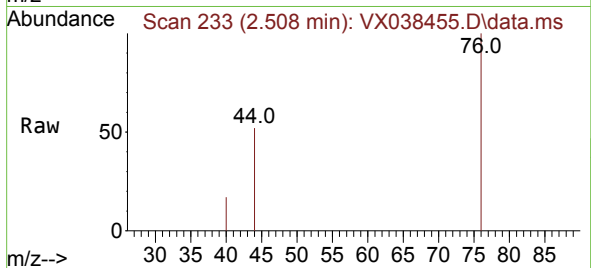
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Acq: 24 Oct 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

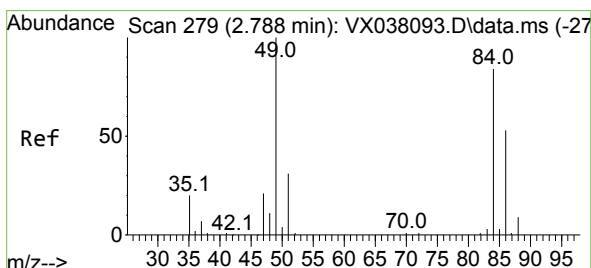
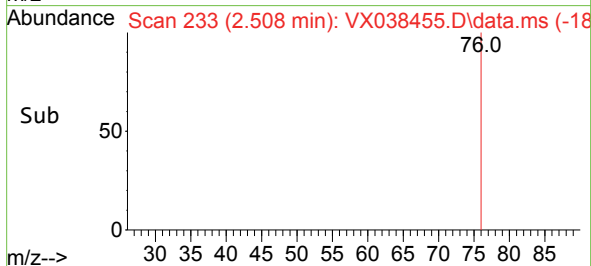
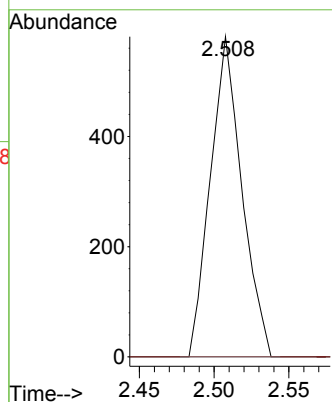


Tgt Ion: 76 Resp: 851

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.298 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

Tgt Ion: 84 Resp: 606

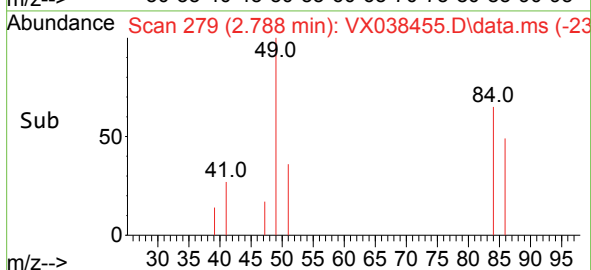
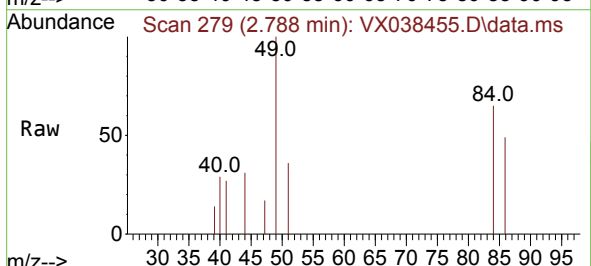
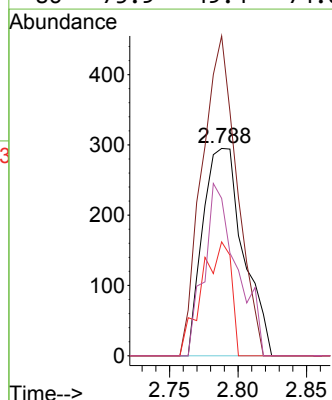
Ion Ratio Lower Upper

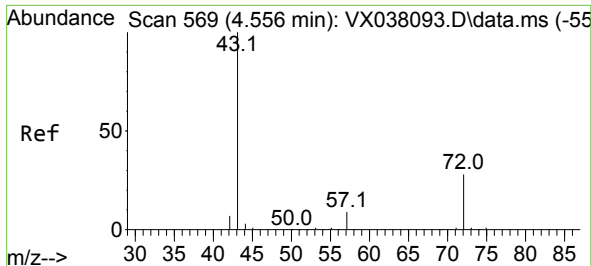
84 100

49 154.2 103.6 155.4

51 54.9 33.8 50.6#

86 75.9 49.4 74.0#

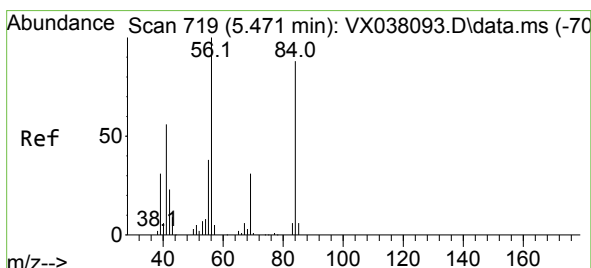
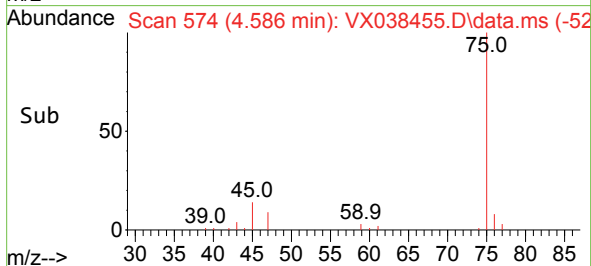
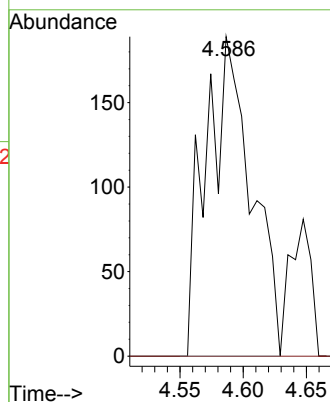
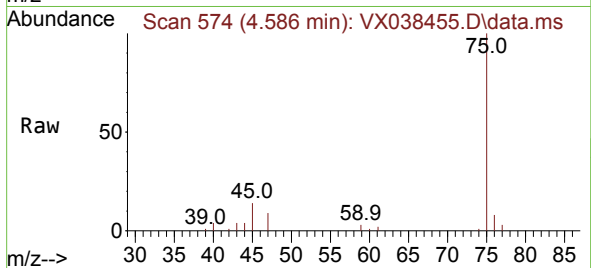




#25  
2-Butanone  
Concen: 0.271 ug/l  
RT: 4.586 min Scan# 51  
Delta R.T. 0.030 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

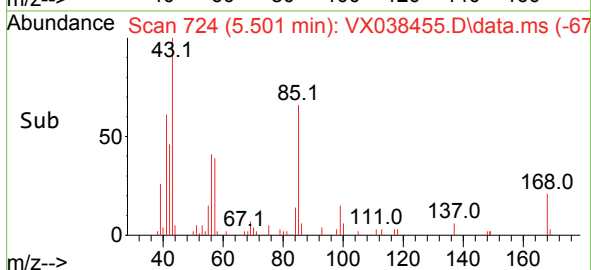
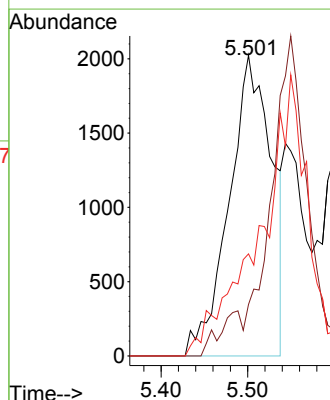
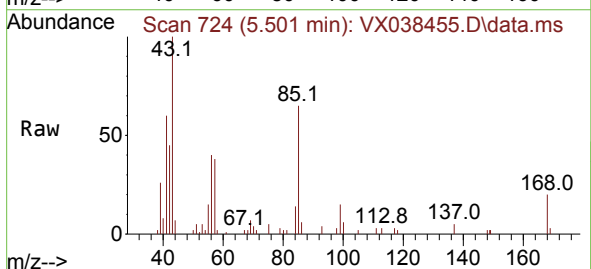
Instrument :  
MSVOA\_X  
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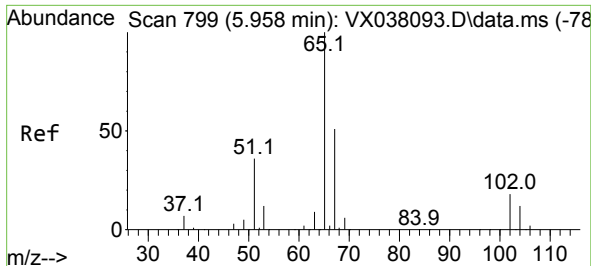
Tgt Ion: 43 Resp: 473  
Ion Ratio Lower Upper  
43 100  
72 0.0 19.4 29.2#



#31  
Cyclohexane  
Concen: 2.452 ug/l  
RT: 5.501 min Scan# 724  
Delta R.T. 0.030 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Tgt Ion: 56 Resp: 6889  
Ion Ratio Lower Upper  
56 100  
69 17.1 23.4 35.2#  
84 33.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 39.736 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

Instrument :

MSVOA\_X

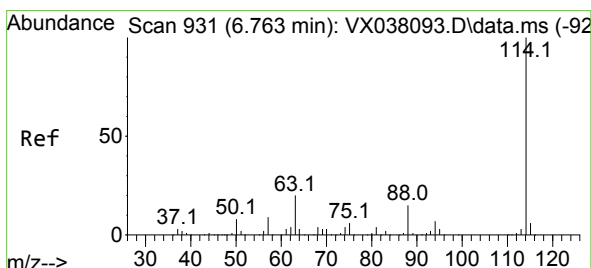
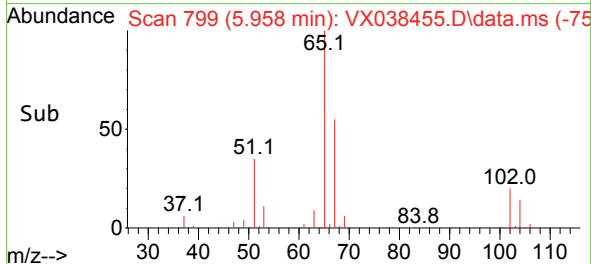
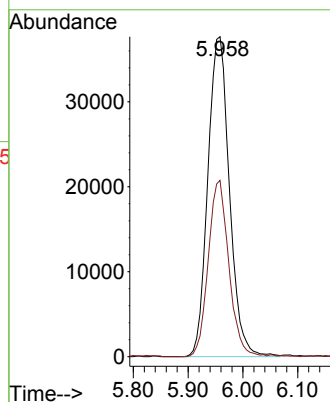
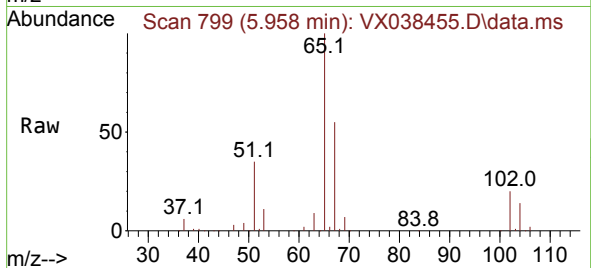
ClientSampleId :

Tgt Ion: 65 Resp: 103026

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

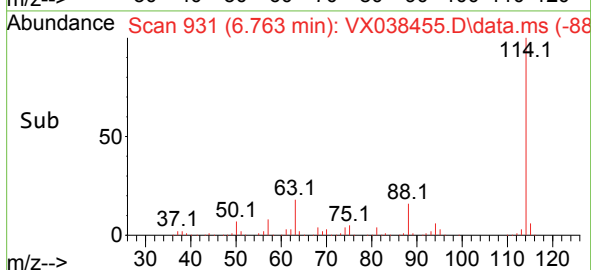
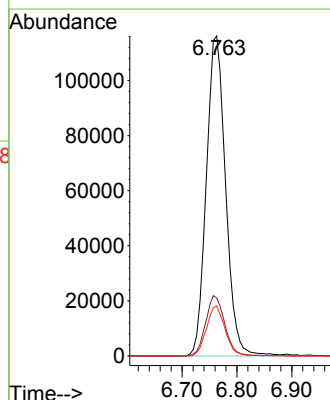
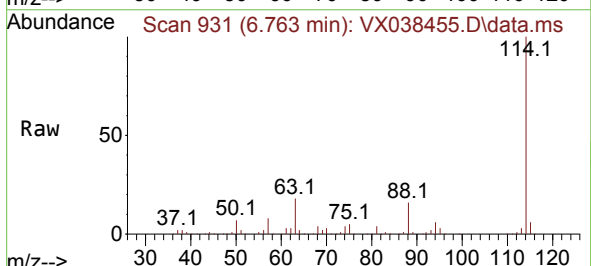
Tgt Ion: 114 Resp: 283547

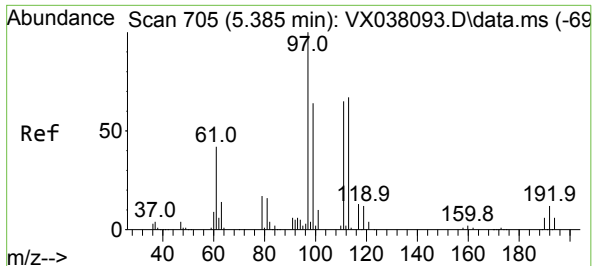
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

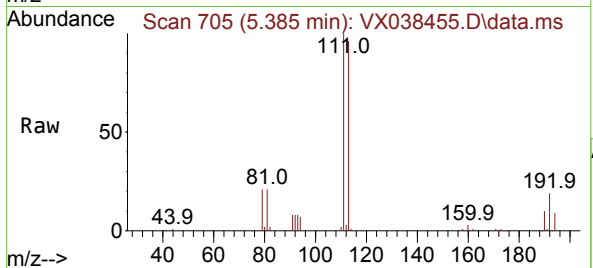
88 15.6 0.0 36.6



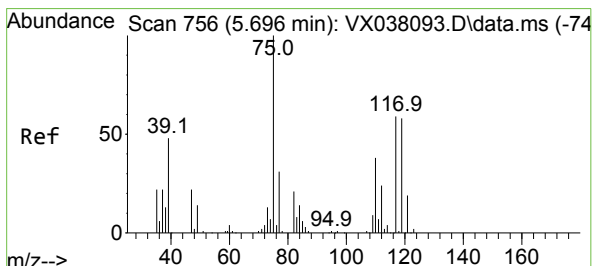
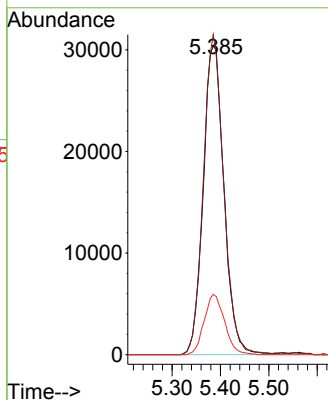
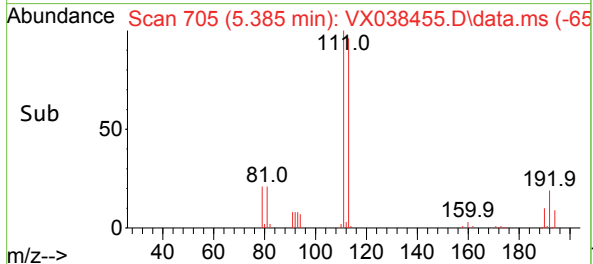


#35  
Dibromofluoromethane  
Concen: 44.583 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :

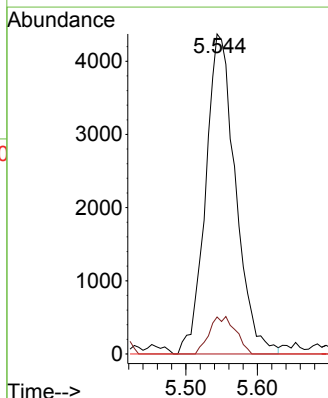
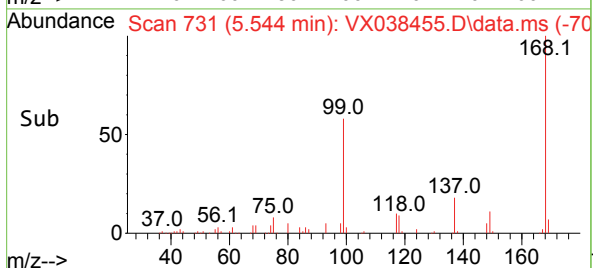
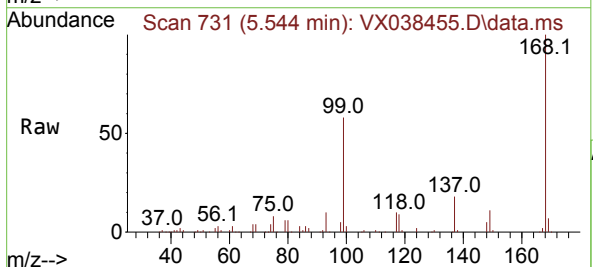


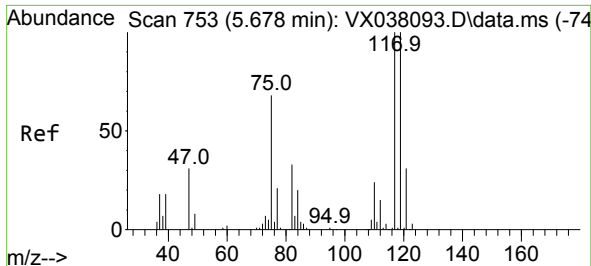
Tgt Ion:113 Resp: 91089  
Ion Ratio Lower Upper  
113 100  
111 100.7 82.9 124.3  
192 19.1 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 4.508 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.146 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

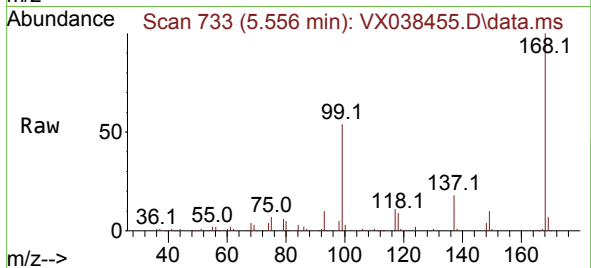
Tgt Ion: 75 Resp: 12700  
Ion Ratio Lower Upper  
75 100  
110 10.3 17.0 50.9#  
77 0.0 24.7 37.1#



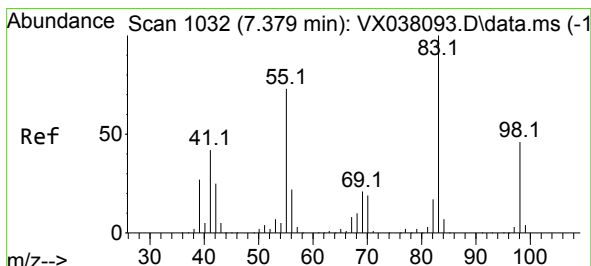
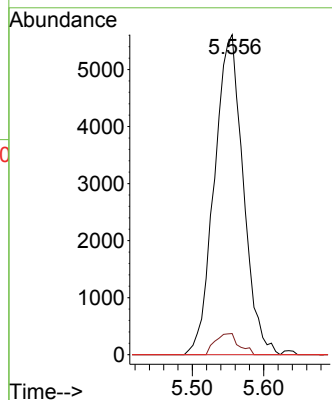
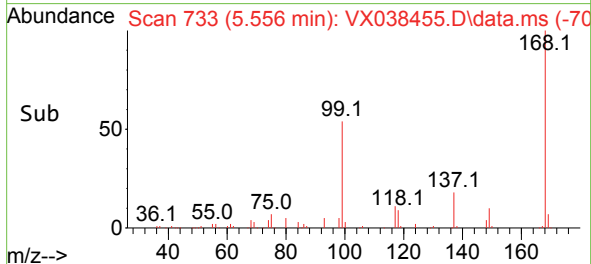


#38  
Carbon Tetrachloride  
Concen: 5.671 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :

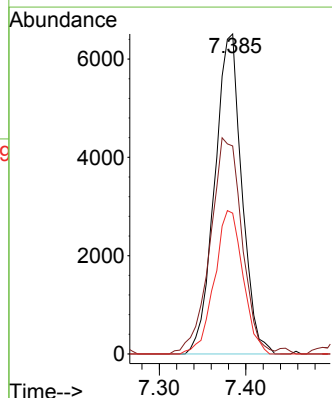
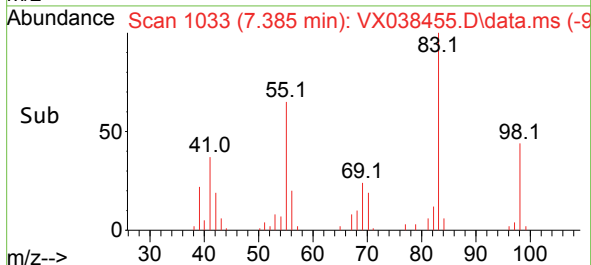
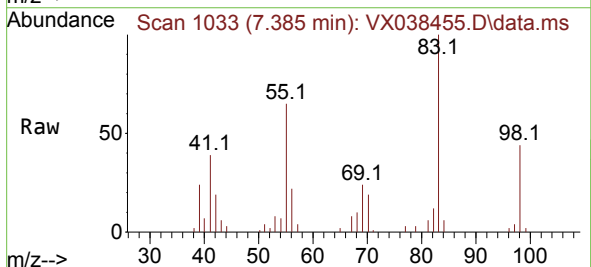


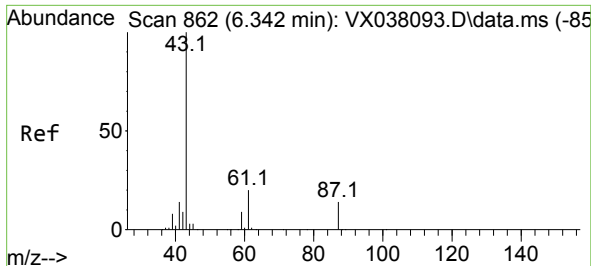
Tgt Ion:117 Resp: 15717  
Ion Ratio Lower Upper  
117 100  
119 6.6 78.2 117.2#  
121 0.0 24.4 36.6#



#39  
Methylcyclohexane  
Concen: 4.296 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

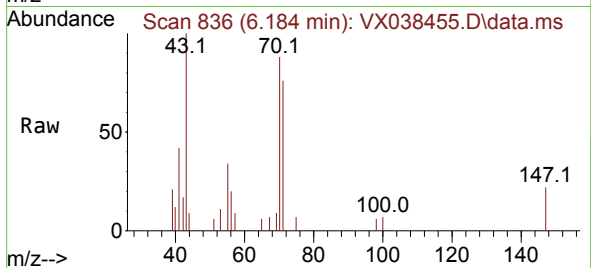
Tgt Ion: 83 Resp: 14179  
Ion Ratio Lower Upper  
83 100  
55 63.8 64.6 97.0#  
98 44.0 36.7 55.1



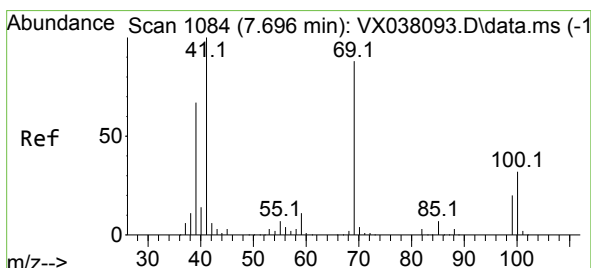
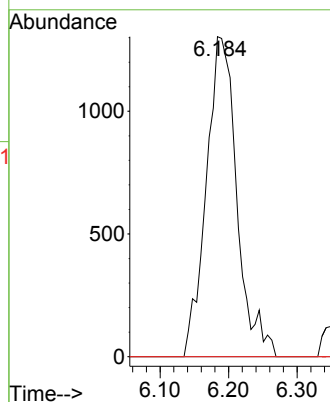
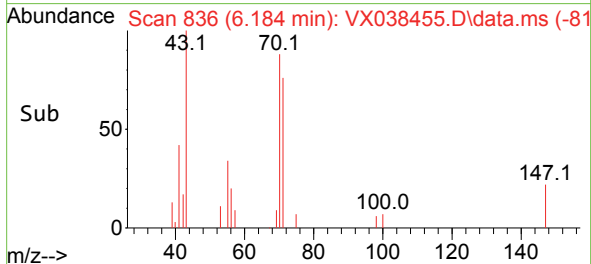


#43  
Isopropyl Acetate  
Concen: 0.809 ug/l  
RT: 6.184 min Scan# 81  
Delta R.T. -0.158 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :

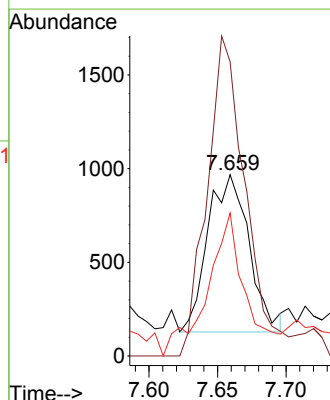
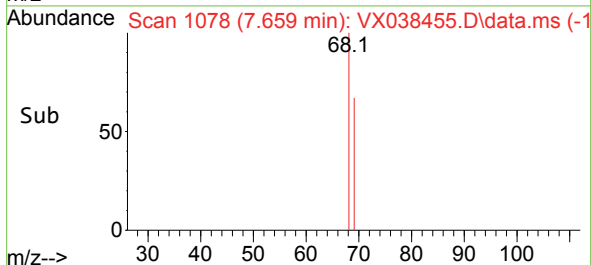
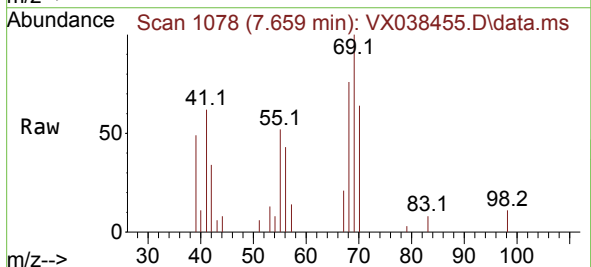


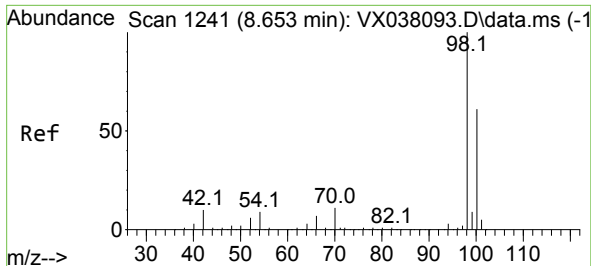
Tgt Ion: 43 Resp: 4042  
Ion Ratio Lower Upper  
43 100  
61 0.0 15.2 22.8#  
87 0.0 9.8 14.6#



#48  
Methyl methacrylate  
Concen: 0.741 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. -0.031 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Tgt Ion: 41 Resp: 1767  
Ion Ratio Lower Upper  
41 100  
69 187.5 59.2 88.8#  
39 83.4 47.7 71.5#

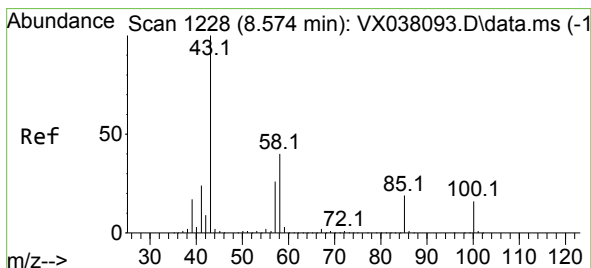
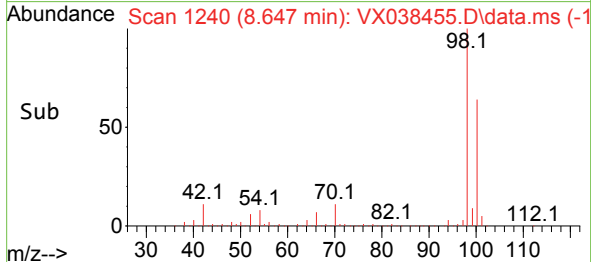
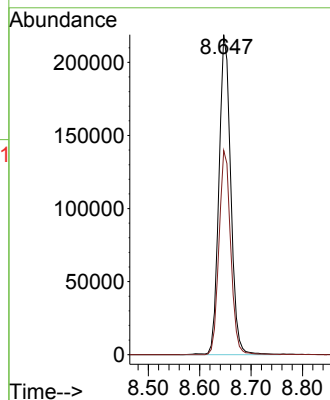
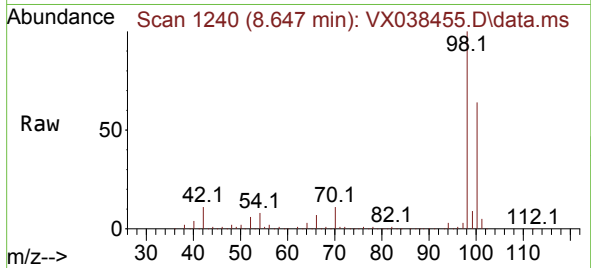




#50  
Toluene-d8  
Concen: 44.787 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

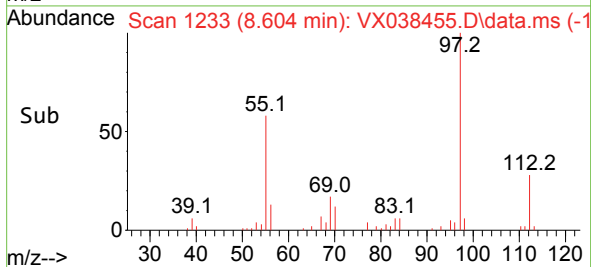
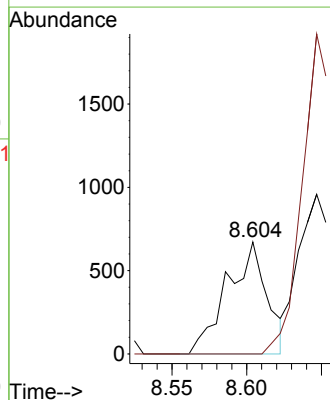
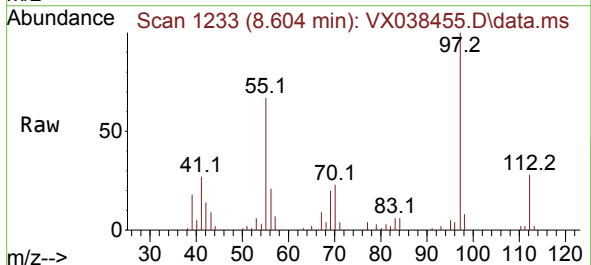
Instrument :  
MSVOA\_X  
ClientSampleId :

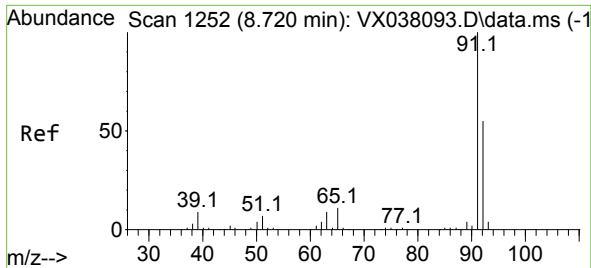
Tgt Ion: 98 Resp: 349665  
Ion Ratio Lower Upper  
98 100  
100 63.3 53.1 79.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.359 ug/l  
RT: 8.604 min Scan# 1233  
Delta R.T. 0.030 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Tgt Ion: 43 Resp: 1238  
Ion Ratio Lower Upper  
43 100  
58 0.0 30.4 45.6#

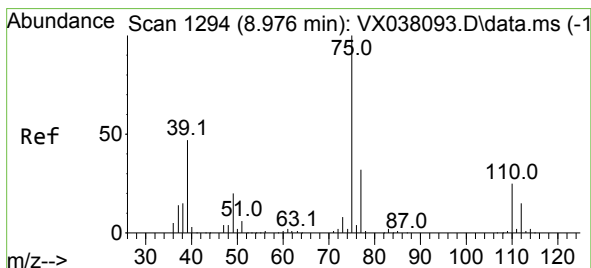
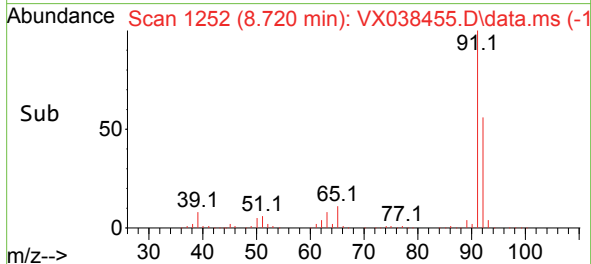
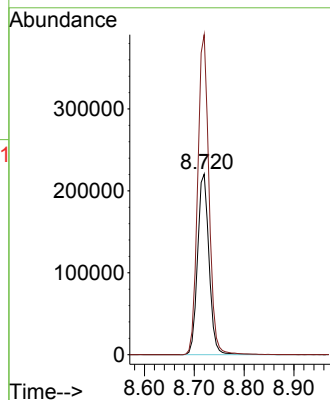
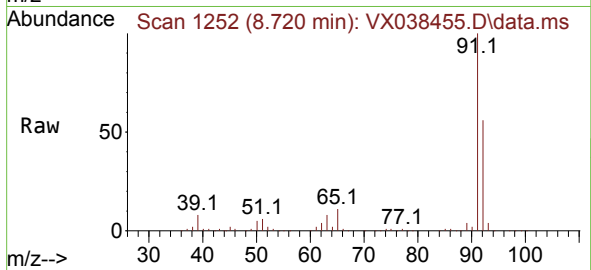




#52  
Toluene  
Concen: 68.233 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

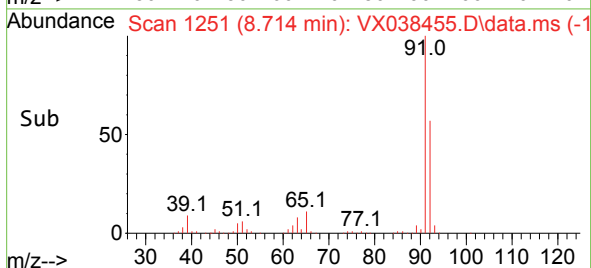
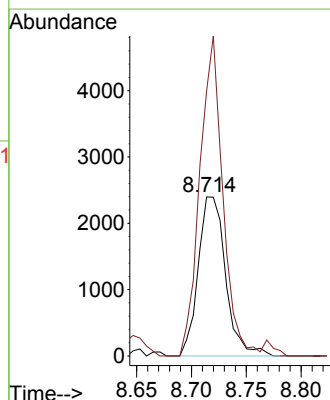
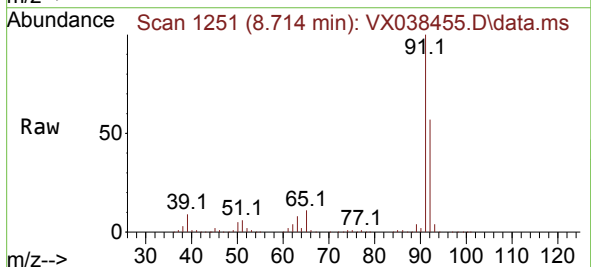
Instrument :  
MSVOA\_X  
ClientSampleId :

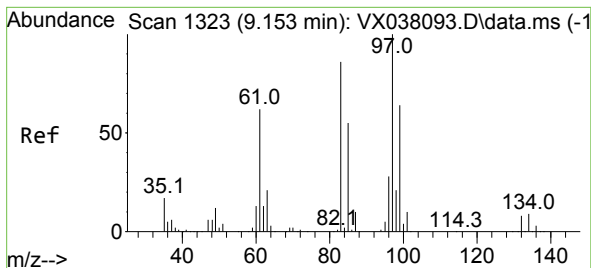
Tgt Ion: 92 Resp: 350257  
Ion Ratio Lower Upper  
92 100  
91 174.9 134.2 201.2



#53  
t-1,3-Dichloropropene  
Concen: 1.382 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.262 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Tgt Ion: 75 Resp: 4173  
Ion Ratio Lower Upper  
75 100  
77 166.6 25.7 38.5#





#55

1,1,2-Trichloroethane

Concen: 0.231 ug/l

RT: 9.202 min Scan# 1314

Delta R.T. 0.049 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 508

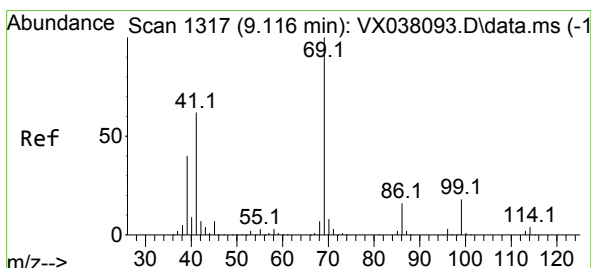
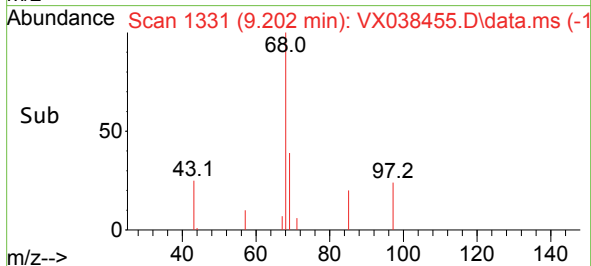
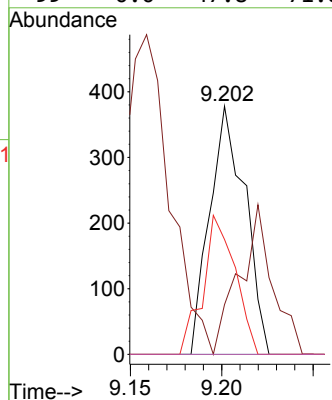
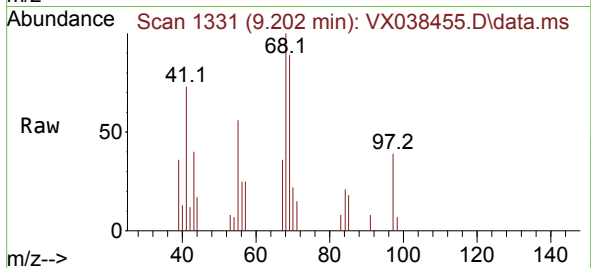
Ion Ratio Lower Upper

97 100

83 2.4 65.8 98.8#

85 46.3 41.6 62.4

99 0.0 47.8 71.8#



#56

Ethyl methacrylate

Concen: 0.785 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.018 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

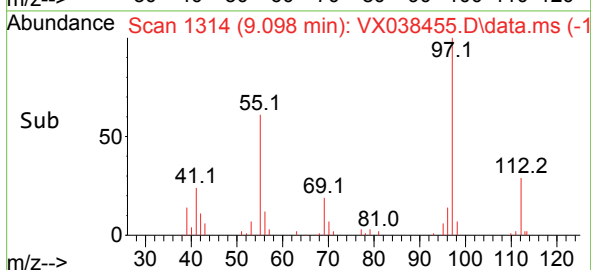
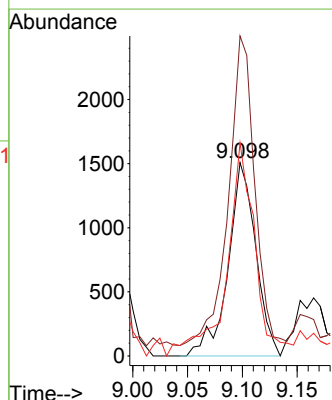
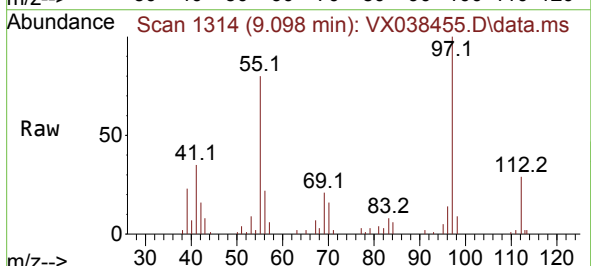
Tgt Ion: 69 Resp: 2644

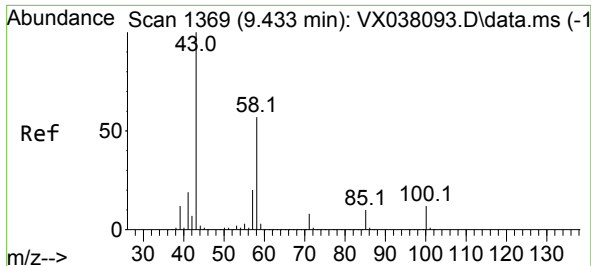
Ion Ratio Lower Upper

69 100

41 151.9 56.8 85.2#

39 112.6 32.0 48.0#

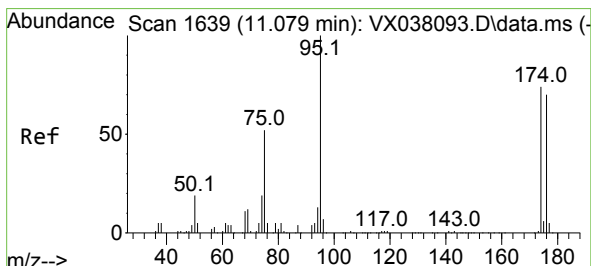
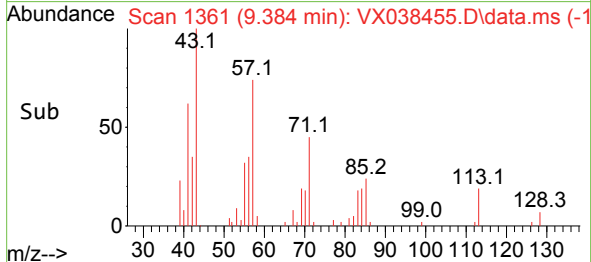
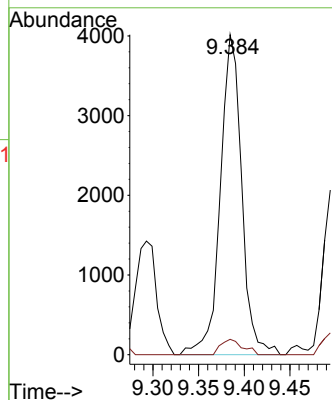
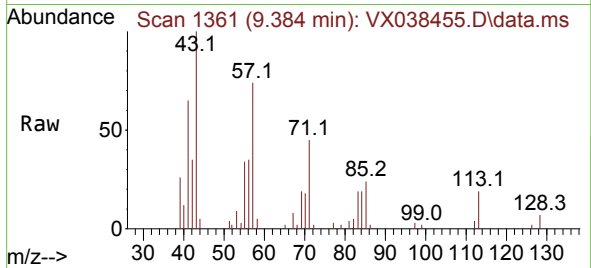




#59  
2-Hexanone  
Concen: 2.362 ug/l  
RT: 9.384 min Scan# 11  
Delta R.T. -0.049 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

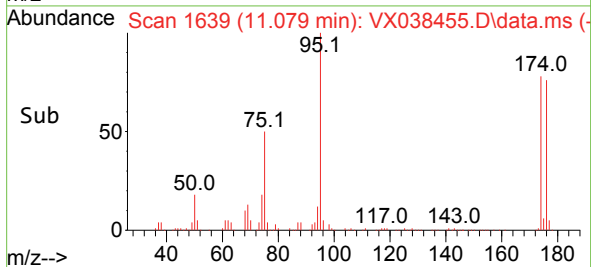
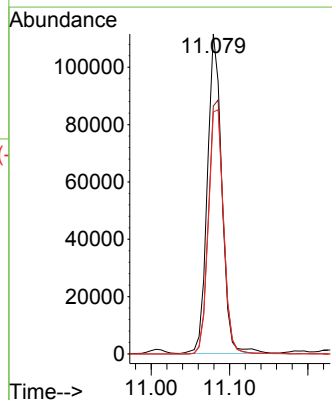
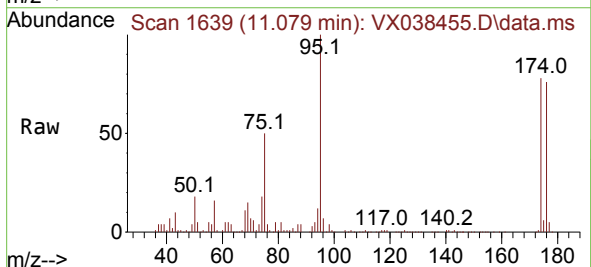
Instrument :  
MSVOA\_X  
ClientSampleId :

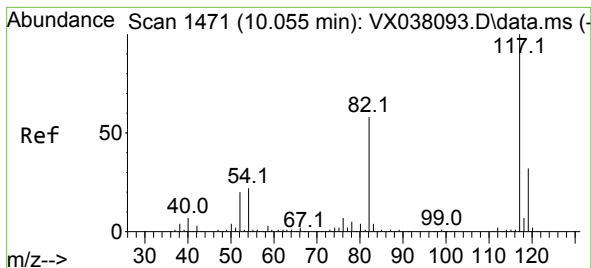
Tgt Ion: 43 Resp: 6543  
Ion Ratio Lower Upper  
43 100  
58 4.9 26.2 78.5#



#62  
4-Bromofluorobenzene  
Concen: 48.216 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Tgt Ion: 95 Resp: 142712  
Ion Ratio Lower Upper  
95 100  
174 81.8 0.0 135.6  
176 80.0 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: VX038455.D

Acq: 24 Oct 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

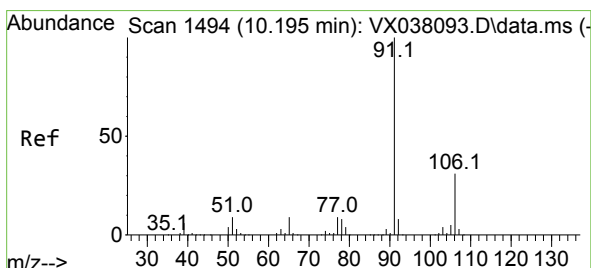
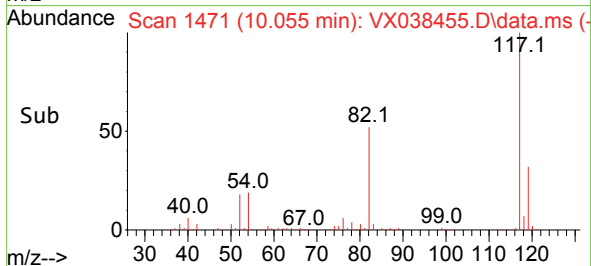
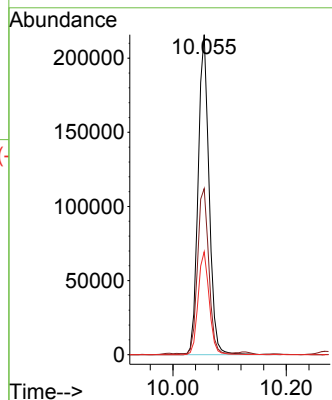
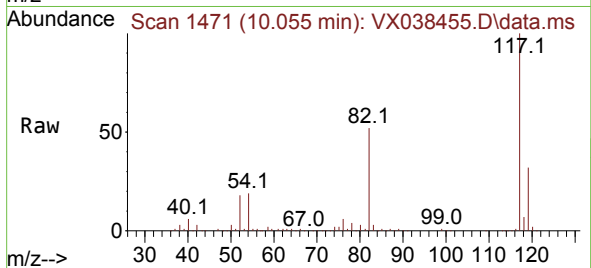
Tgt Ion:117 Resp: 288794

Ion Ratio Lower Upper

117 100

82 51.7 46.2 69.4

119 32.2 25.5 38.3



#67

Ethyl Benzene

Concen: 4.625 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038455.D

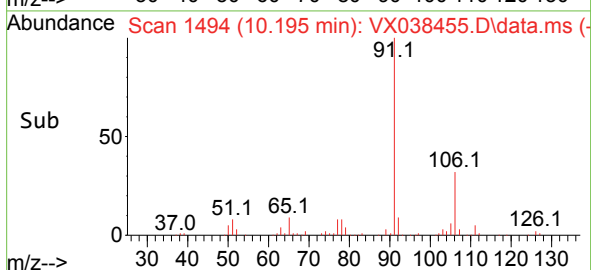
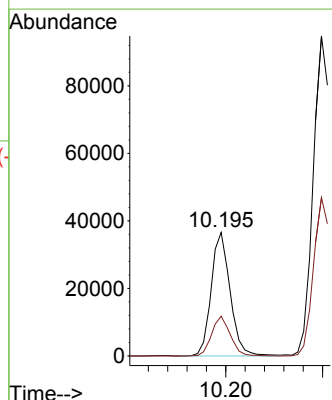
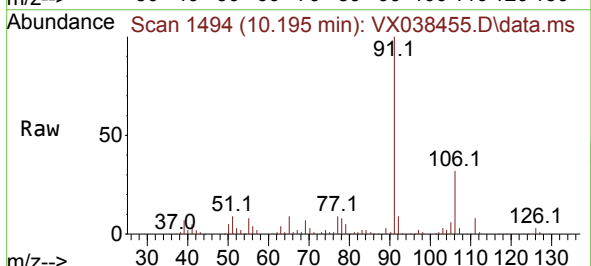
Acq: 24 Oct 2023 15:08

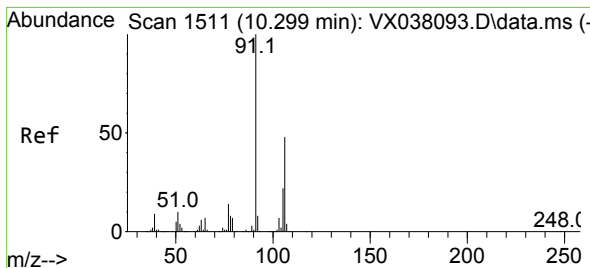
Tgt Ion: 91 Resp: 49894

Ion Ratio Lower Upper

91 100

106 32.1 24.9 37.3

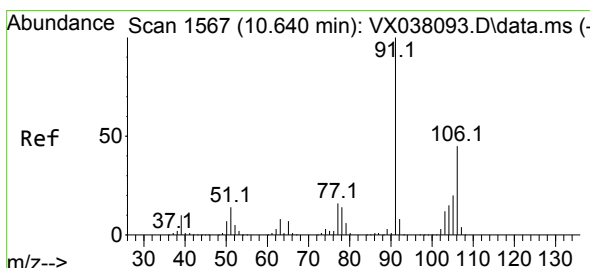
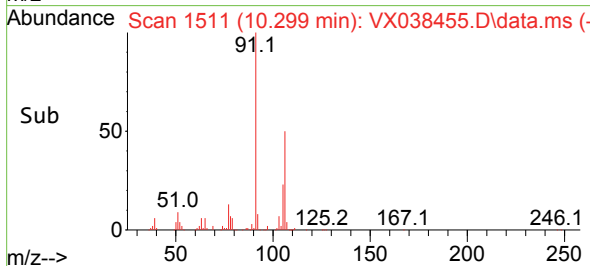
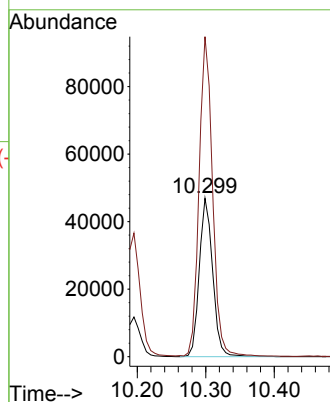
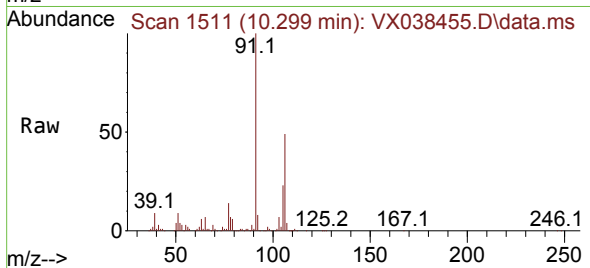




#68  
m/p-Xylenes  
Concen: 15.326 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

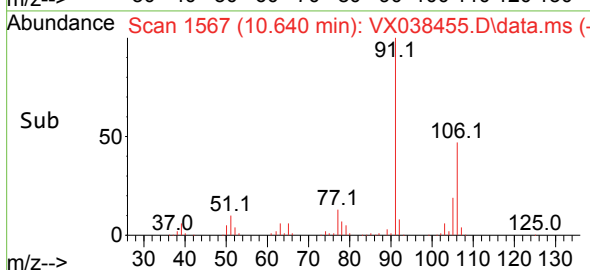
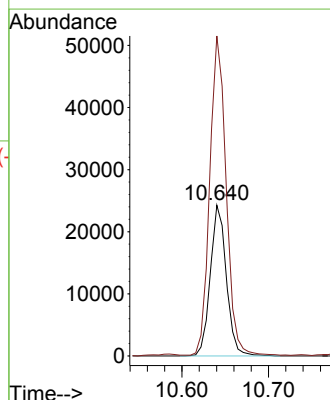
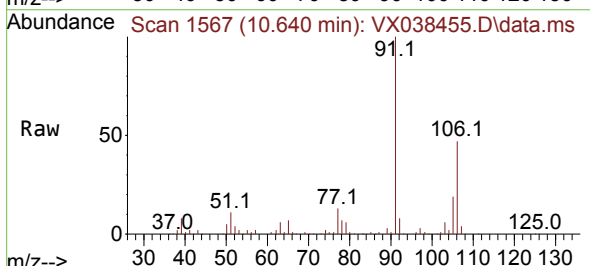
Instrument :  
MSVOA\_X  
ClientSampleId :

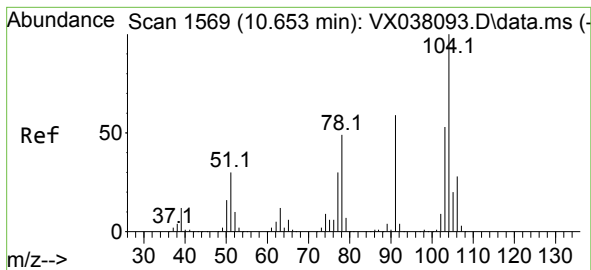
Tgt Ion:106 Resp: 63924  
Ion Ratio Lower Upper  
106 100  
91 203.8 165.5 248.3



#69  
o-Xylene  
Concen: 7.683 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Tgt Ion:106 Resp: 31278  
Ion Ratio Lower Upper  
106 100  
91 215.8 108.9 326.8





#70

Styrene

Concen: 0.298 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.019 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

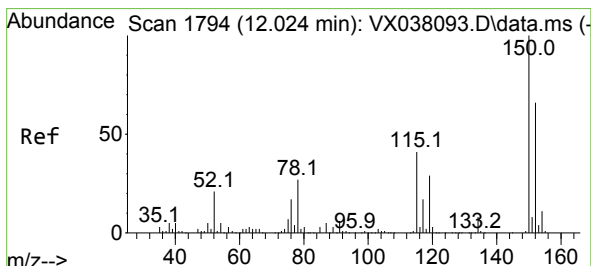
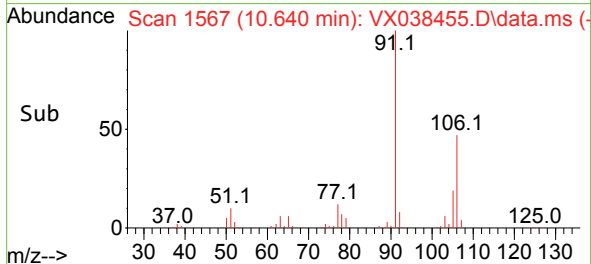
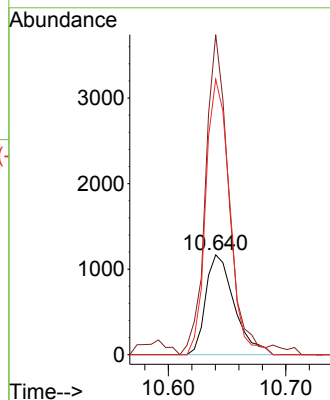
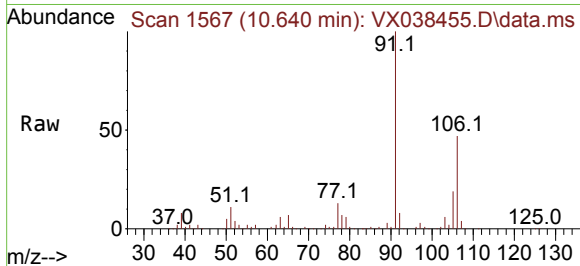
Tgt Ion:104 Resp: 1973

Ion Ratio Lower Upper

104 100

78 265.2 43.6 65.4#

103 231.4 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

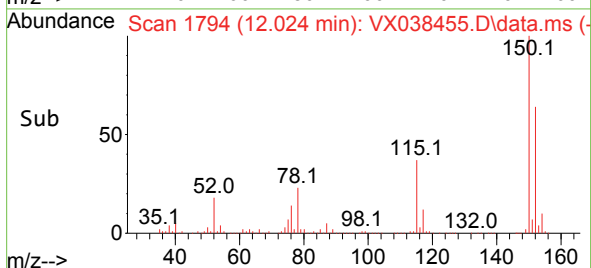
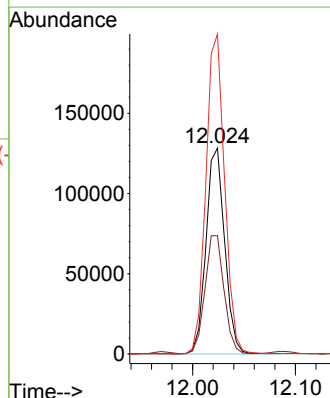
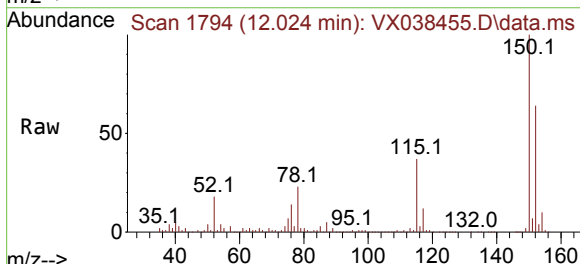
Tgt Ion:152 Resp: 162059

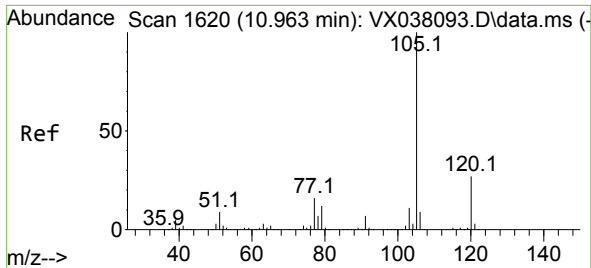
Ion Ratio Lower Upper

152 100

115 58.5 43.3 129.9

150 155.2 0.0 345.0

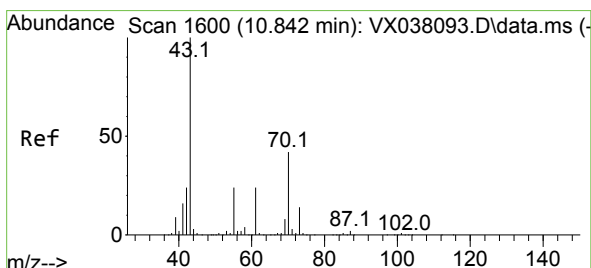
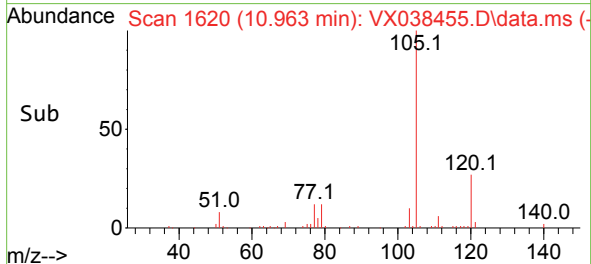
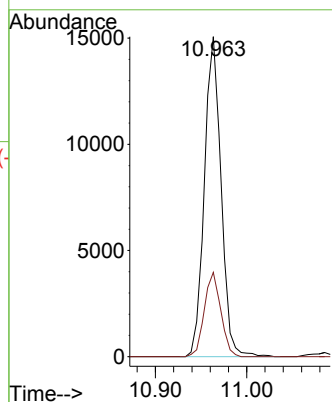
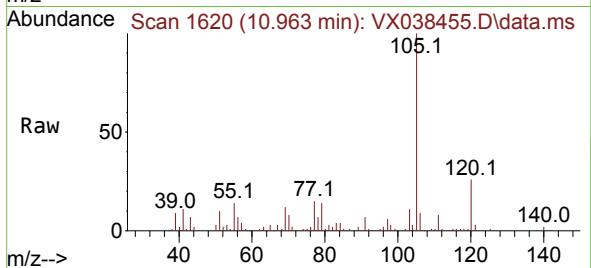




#73  
Isopropylbenzene  
Concen: 1.754 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

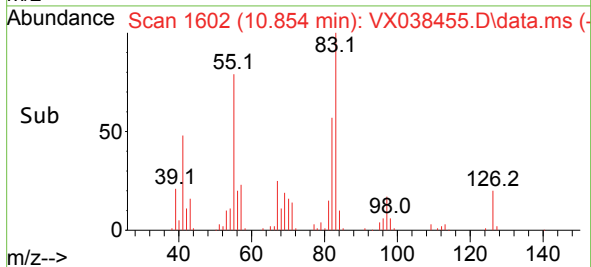
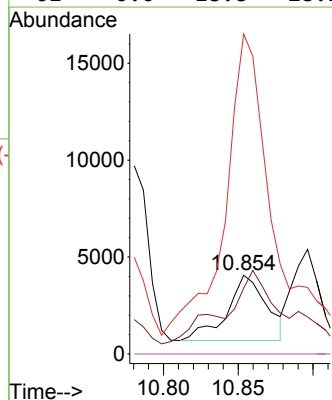
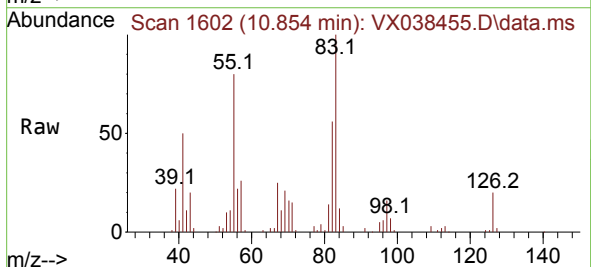
Instrument :  
MSVOA\_X  
ClientSampleId :

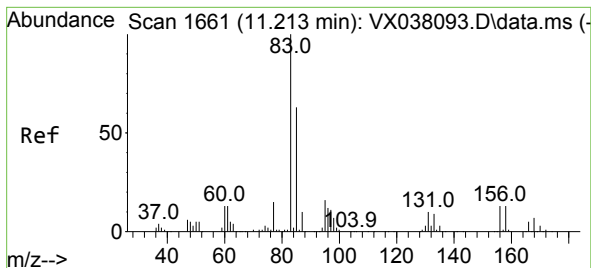
Tgt Ion:105 Resp: 19067  
Ion Ratio Lower Upper  
105 100  
120 26.0 12.9 38.6



#74  
N-ethyl acetate  
Concen: 1.334 ug/l  
RT: 10.854 min Scan# 1602  
Delta R.T. 0.012 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Tgt Ion: 43 Resp: 6189  
Ion Ratio Lower Upper  
43 100  
70 119.8 32.9 49.3#  
55 535.3 19.3 28.9#  
61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.303 ug/l

RT: 11.219 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

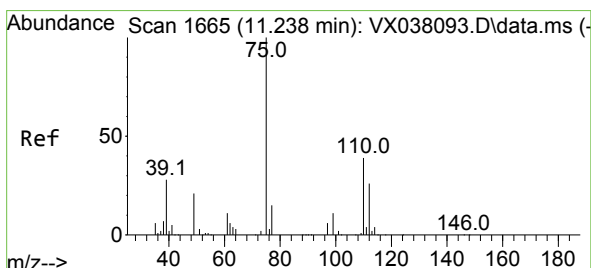
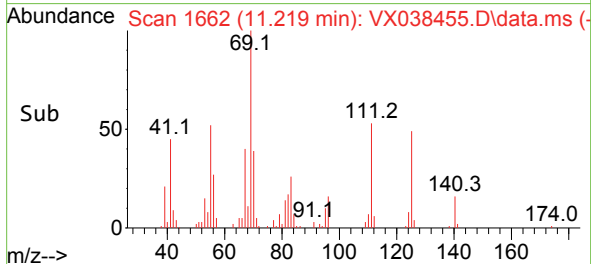
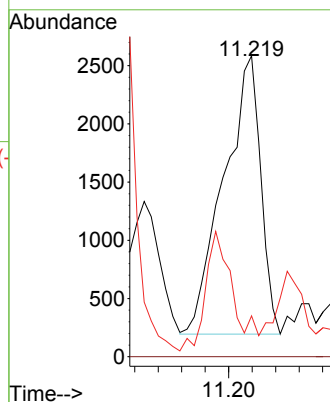
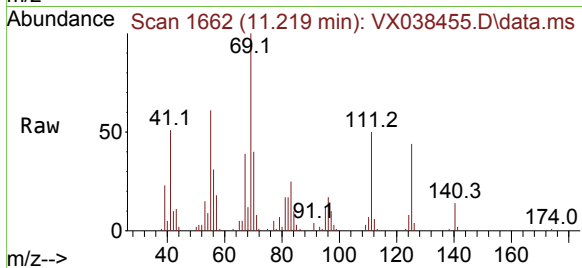
Tgt Ion: 83 Resp: 5198

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 32.0 96.2#



#76

1,2,3-Trichloropropane

Concen: 19.608 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038455.D

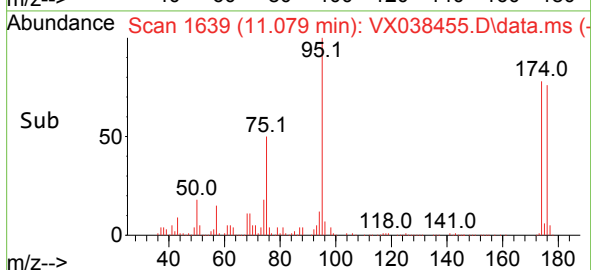
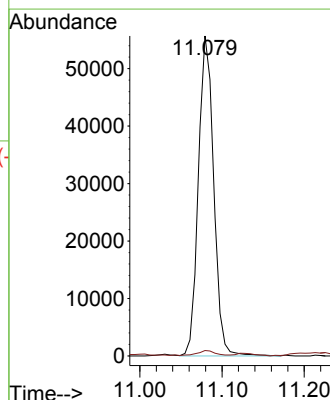
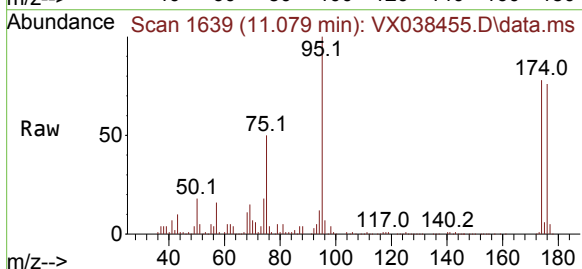
Acq: 24 Oct 2023 15:08

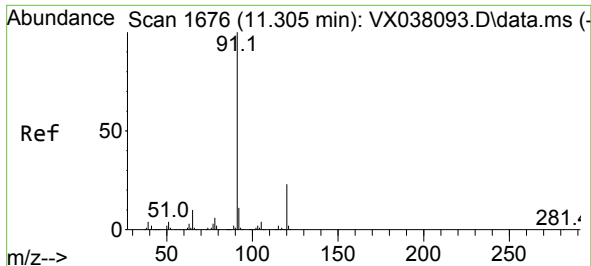
Tgt Ion: 75 Resp: 72241

Ion Ratio Lower Upper

75 100

77 1.6 19.1 57.5#

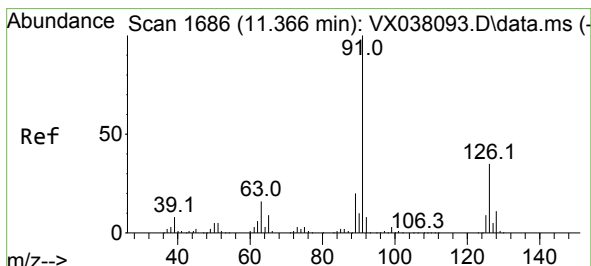
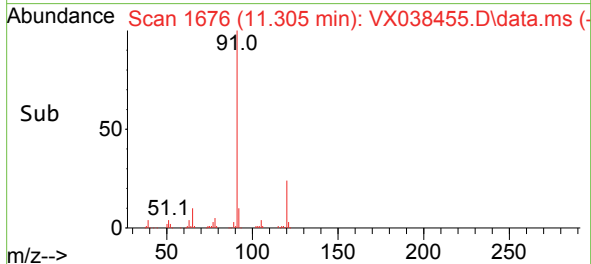
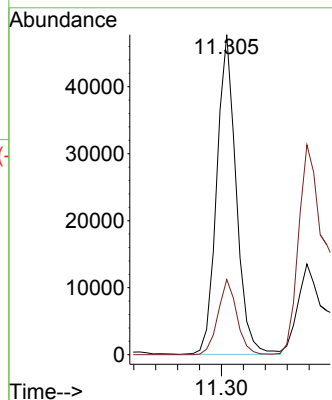
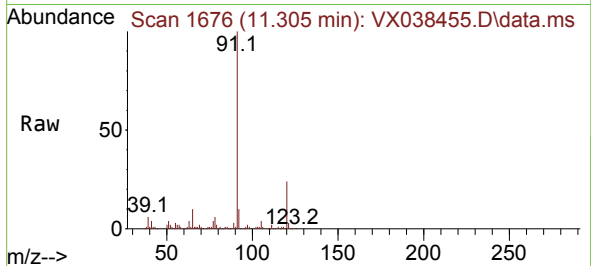




#78  
n-propylbenzene  
Concen: 4.415 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

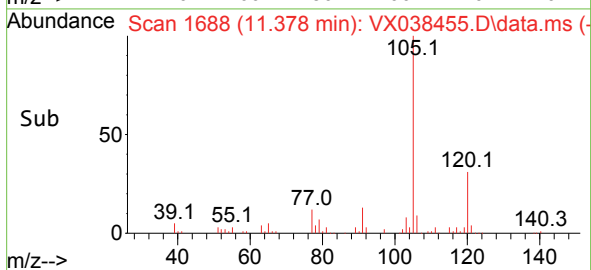
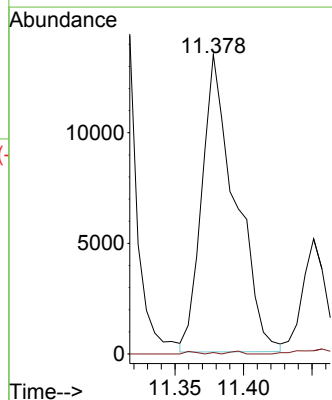
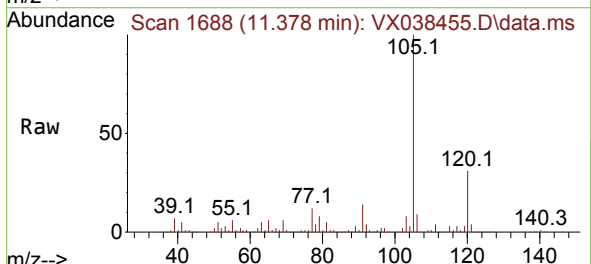
Instrument :  
MSVOA\_X  
ClientSampleId :

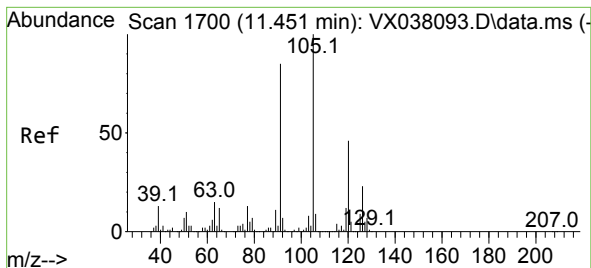
Tgt Ion: 91 Resp: 58667  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.5 34.4



#79  
2-Chlorotoluene  
Concen: 2.904 ug/l  
RT: 11.378 min Scan# 1688  
Delta R.T. 0.012 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Tgt Ion: 91 Resp: 22888  
Ion Ratio Lower Upper  
91 100  
126 0.4 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 5.125 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

Instrument :

MSVOA\_X

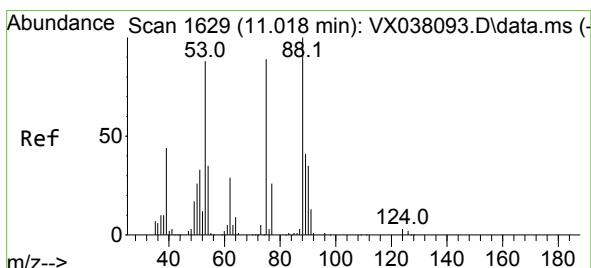
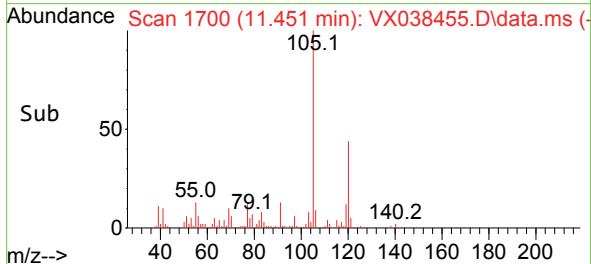
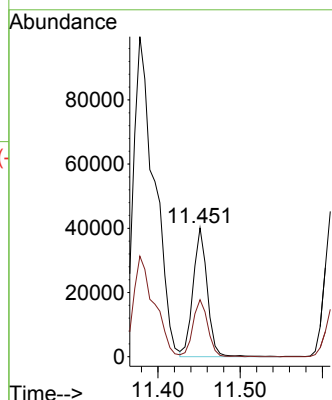
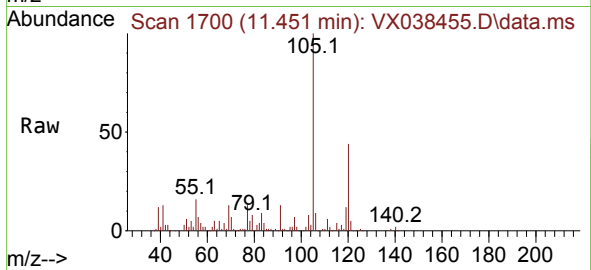
ClientSampleId :

Tgt Ion:105 Resp: 48057

Ion Ratio Lower Upper

105 100

120 46.1 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 56.670 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

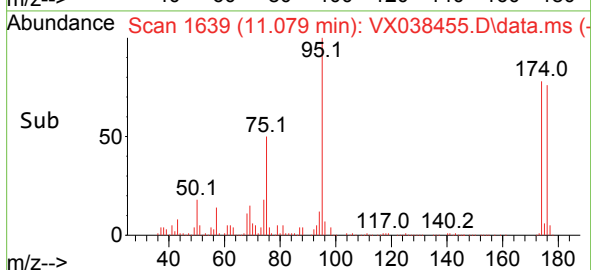
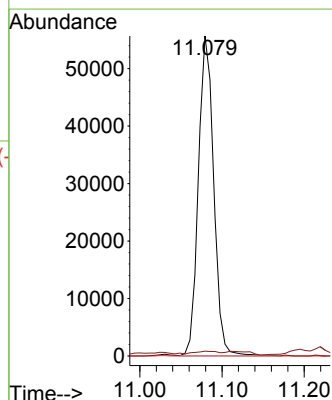
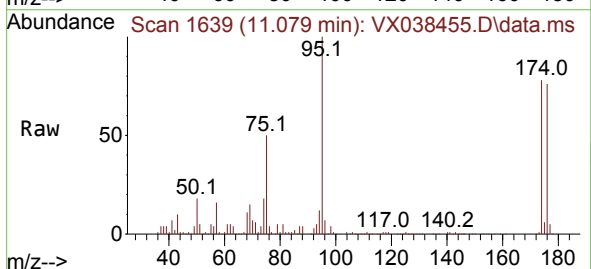
Tgt Ion: 75 Resp: 72241

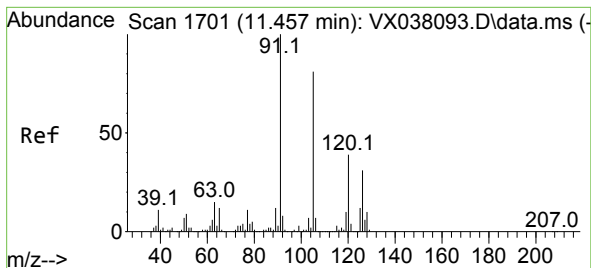
Ion Ratio Lower Upper

75 100

53 1.8 90.5 135.7#

89 0.0 36.9 55.3#

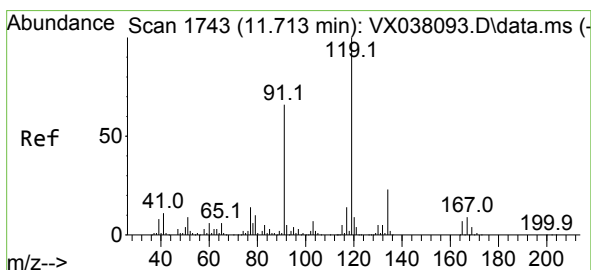
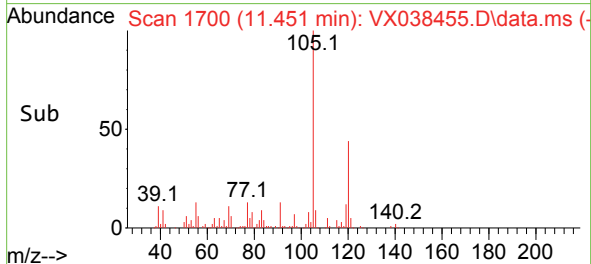
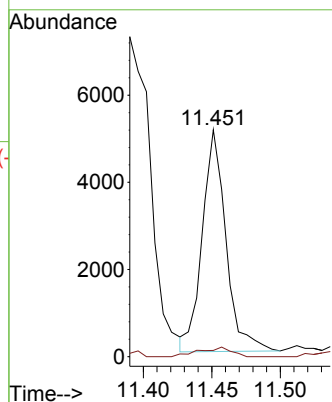
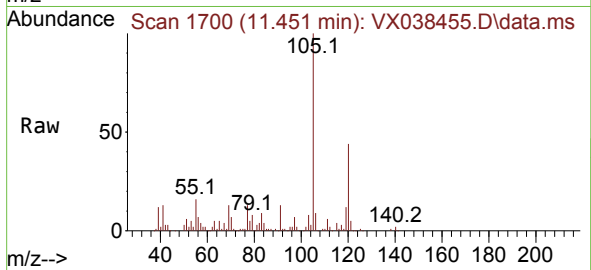




#82  
4-Chlorotoluene  
Concen: 0.657 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

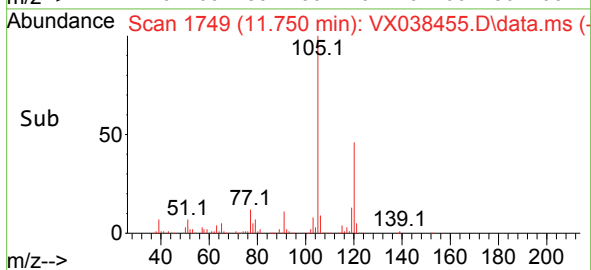
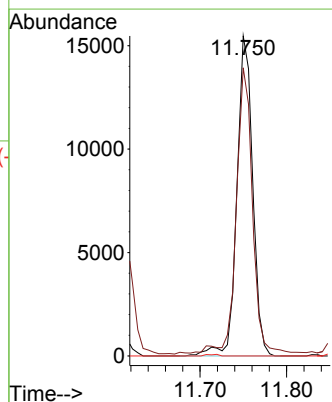
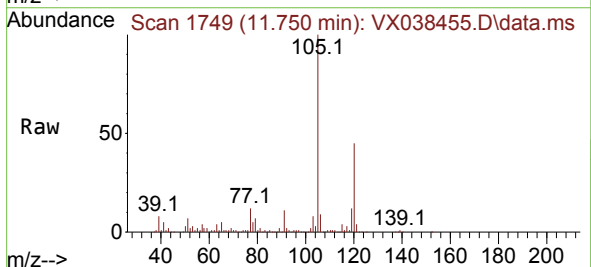
Instrument :  
MSVOA\_X  
ClientSampleId :

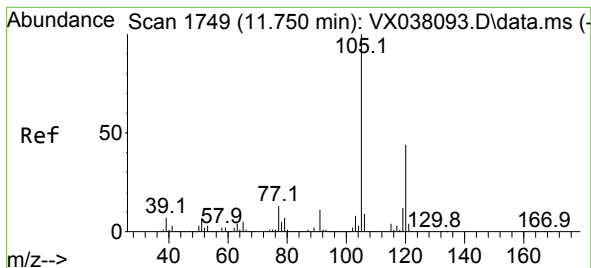
Tgt Ion: 91 Resp: 6131  
Ion Ratio Lower Upper  
91 100  
126 5.8 14.2 42.6#



#83  
tert-Butylbenzene  
Concen: 2.142 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.037 min  
Lab File: VX038455.D  
Acq: 24 Oct 2023 15:08

Tgt Ion: 119 Resp: 19628  
Ion Ratio Lower Upper  
119 100  
91 91.9 31.2 93.6  
134 0.0 11.7 35.0#





#84

1,2,4-Trimethylbenzene

Concen: 17.336 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

Instrument :

MSVOA\_X

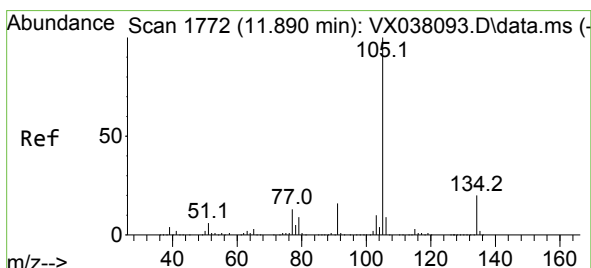
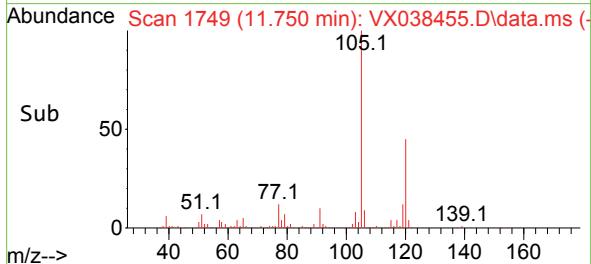
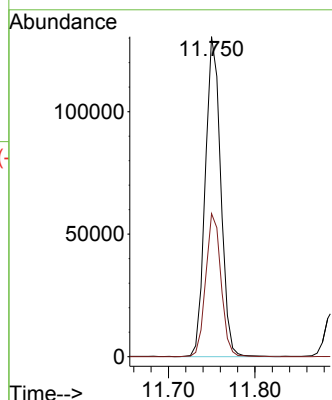
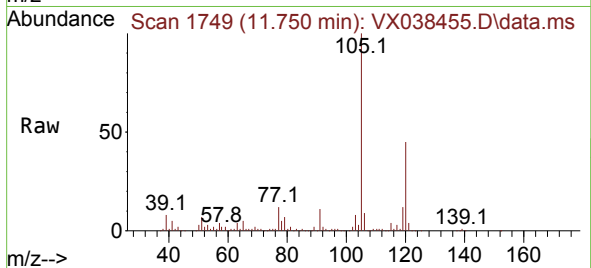
ClientSampleId :

Tgt Ion:105 Resp: 162066

Ion Ratio Lower Upper

105 100

120 44.2 21.2 63.6



#85

sec-Butylbenzene

Concen: 2.044 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038455.D

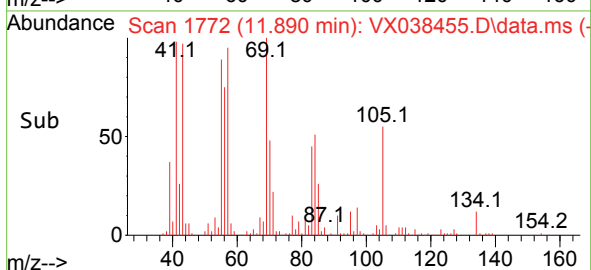
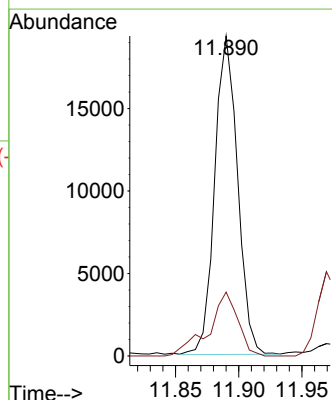
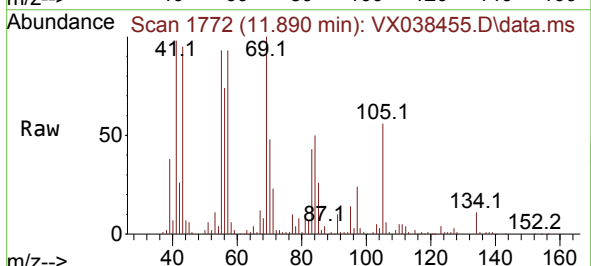
Acq: 24 Oct 2023 15:08

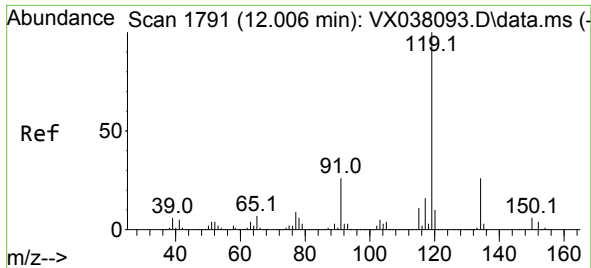
Tgt Ion:105 Resp: 24254

Ion Ratio Lower Upper

105 100

134 25.6 9.8 29.4

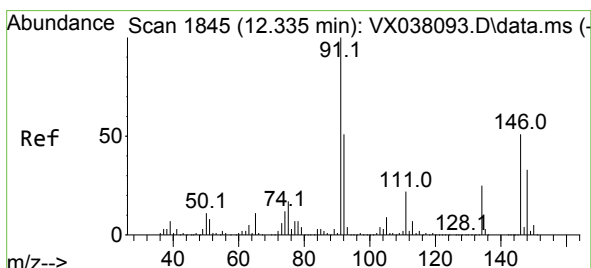
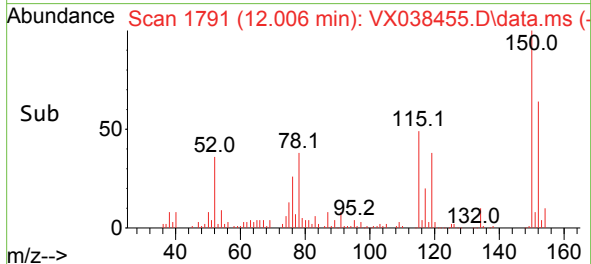
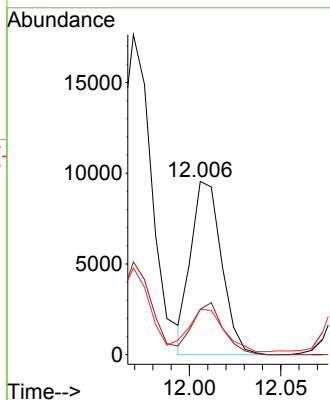
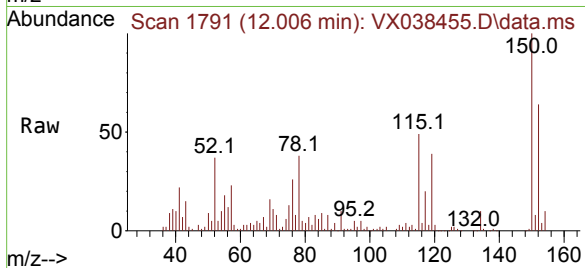




#86  
 p-Isopropyltoluene  
 Concen: 1.138 ug/l  
 RT: 12.006 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX038455.D  
 Acq: 24 Oct 2023 15:08

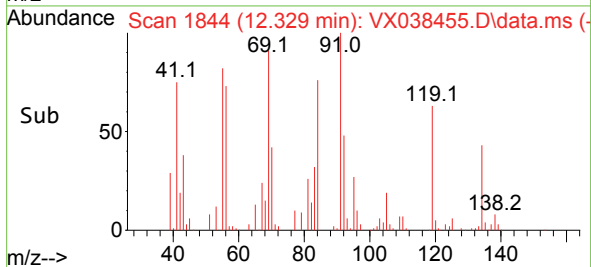
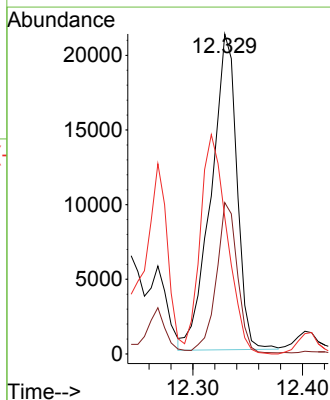
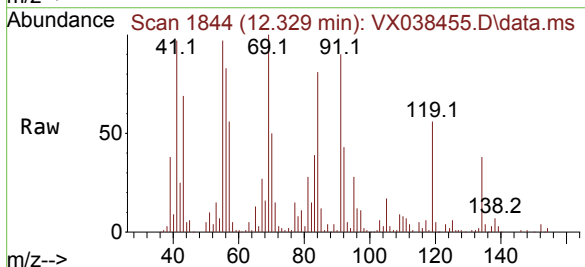
Instrument :  
 MSVOA\_X  
 ClientSampleId :

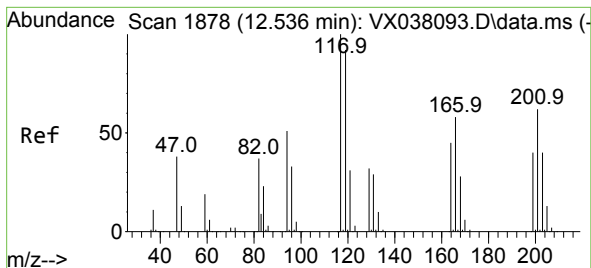
Tgt Ion:119 Resp: 11148  
 Ion Ratio Lower Upper  
 119 100  
 134 29.6 12.8 38.3  
 91 28.6 13.1 39.3



#89  
 n-Butylbenzene  
 Concen: 3.549 ug/l  
 RT: 12.329 min Scan# 1844  
 Delta R.T. -0.006 min  
 Lab File: VX038455.D  
 Acq: 24 Oct 2023 15:08

Tgt Ion: 91 Resp: 34609  
 Ion Ratio Lower Upper  
 91 100  
 92 38.9 27.4 82.0  
 134 71.8 12.6 37.8#





#90

Hexachloroethane

Concen: 1.654 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

Instrument :

MSVOA\_X

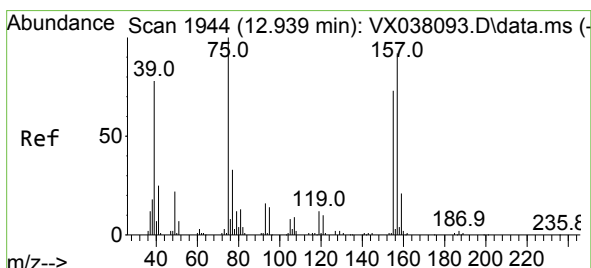
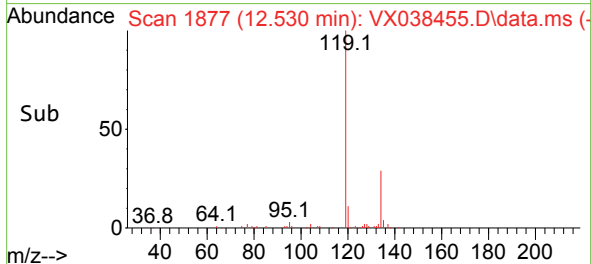
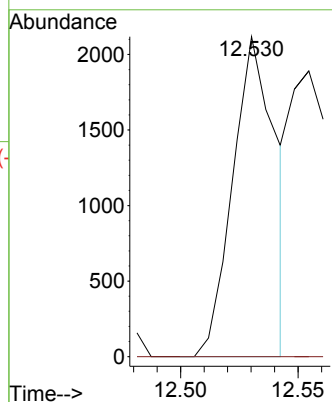
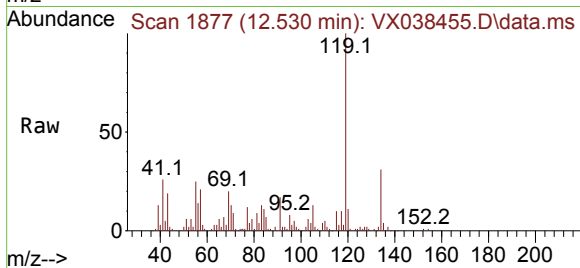
ClientSampleId :

Tgt Ion:117 Resp: 2685

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.246 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

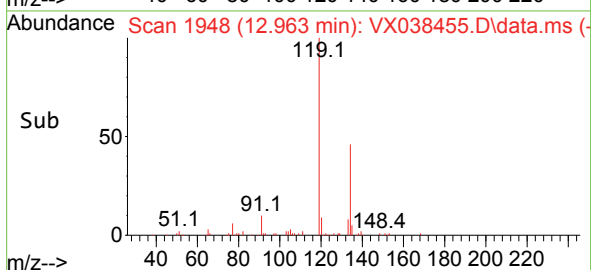
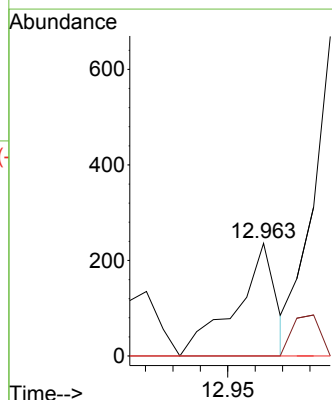
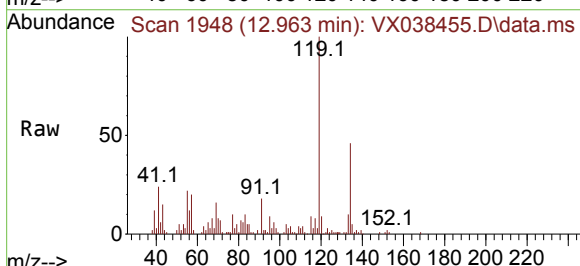
Tgt Ion: 75 Resp: 237

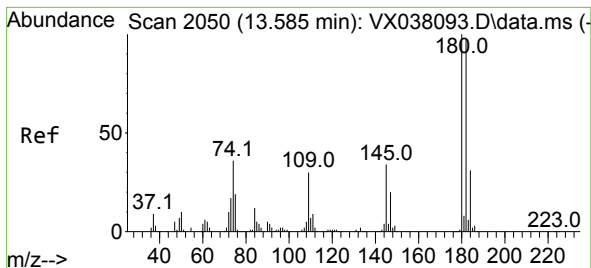
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.646 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

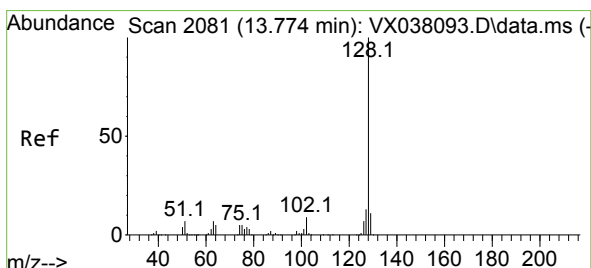
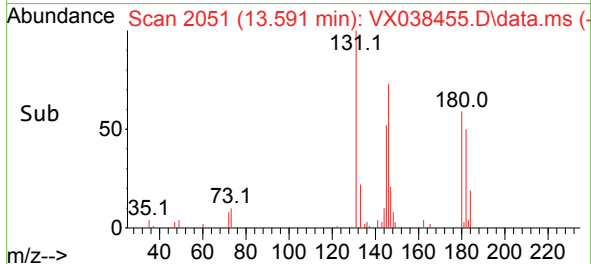
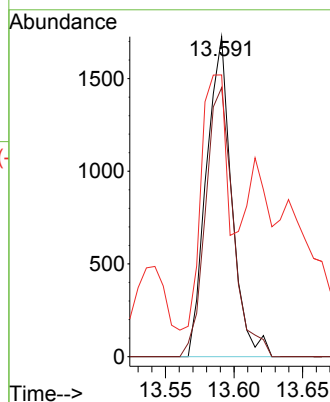
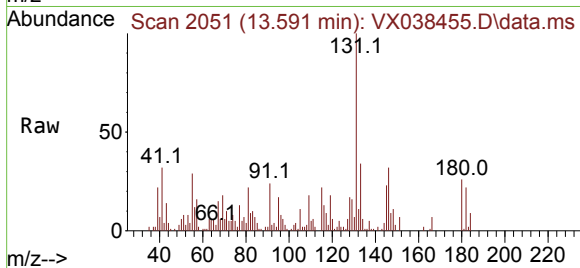
Tgt Ion:180 Resp: 2218

Ion Ratio Lower Upper

180 100

182 91.8 48.3 144.8

145 89.0 18.0 54.0#



#95

Naphthalene

Concen: 0.523 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

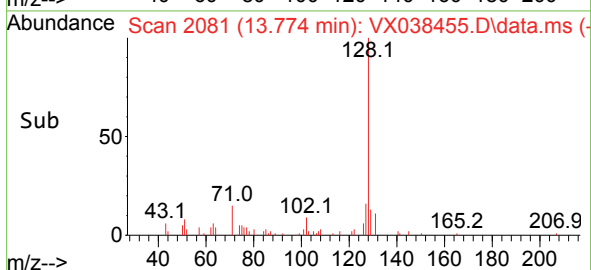
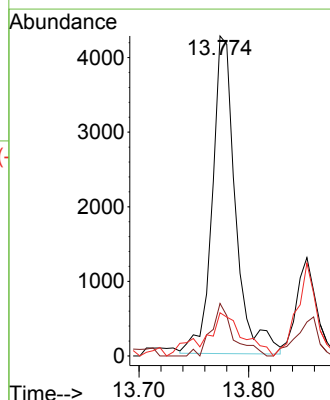
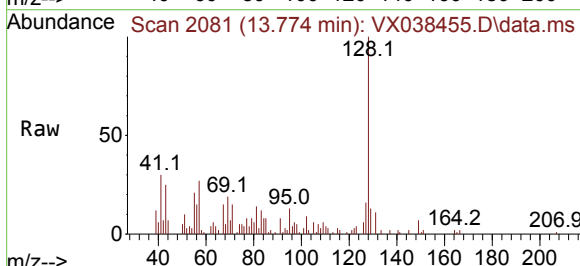
Tgt Ion:128 Resp: 6256

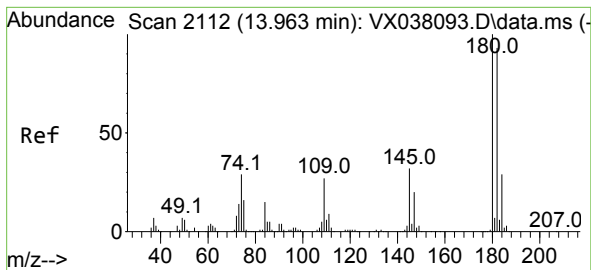
Ion Ratio Lower Upper

128 100

127 15.8 10.3 15.5#

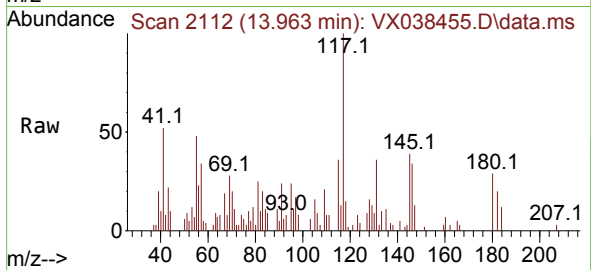
129 22.4 8.8 13.2#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.289 ug/l  
 RT: 13.963 min Scan# 2112  
 Delta R.T. -0.000 min  
 Lab File: VX038455.D  
 Acq: 24 Oct 2023 15:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion:180 Resp: 962  
 Ion Ratio Lower Upper  
 180 100  
 182 69.2 46.9 140.6  
 145 130.8 17.8 53.5#

