

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081123\  
 Data File : VX036946.D  
 Acq On : 11 Aug 2023 17:15  
 Operator : JC/MD  
 Sample : 03903-10ME 10X  
 Misc : 5.63g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 11 23:03:17 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 116222   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 210364   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 203058   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 95150    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 79937    | 46.484   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 92.960%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 68228    | 47.186   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 94.380%  |
| 50) Toluene-d8              | 8.647  | 98    | 255024   | 49.736   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 99.480%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 101185   | 52.304   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 104.600% |

|                               |        |     |        |        |        |     |
|-------------------------------|--------|-----|--------|--------|--------|-----|
| Target Compounds              |        |     | Qvalue |        |        |     |
| 5) Bromomethane               | 1.599  | 94  | 268    | 0.316  | ug/l # | 68  |
| 11) Tert butyl alcohol        | 2.977  | 59  | 225    | 0.553  | ug/l # | 78  |
| 13) Acrolein                  | 2.233  | 56  | 176    | 0.757  | ug/l # | 68  |
| 15) Acrylonitrile             | 3.069  | 53  | 284    | 0.347  | ug/l # | 65  |
| 16) Acetone                   | 2.392  | 43  | 1203   | 1.686  | ug/l   | 91  |
| 17) Carbon Disulfide          | 2.502  | 76  | 1279   | 0.356  | ug/l # | 91  |
| 18) Methyl Acetate            | 2.709  | 43  | 888    | 0.296  | ug/l   | 99  |
| 20) Methylene Chloride        | 2.788  | 84  | 964    | 0.607  | ug/l # | 86  |
| 25) 2-Butanone                | 4.593  | 43  | 695    | 0.600  | ug/l # | 51  |
| 26) 2,2-Dichloropropane       | 4.587  | 77  | 649    | 0.252  | ug/l # | 54  |
| 31) Cyclohexane               | 5.544  | 56  | 3719   | 1.562  | ug/l # | 21  |
| 36) 1,1-Dichloropropene       | 5.544  | 75  | 9885   | 4.587  | ug/l # | 51  |
| 38) Carbon Tetrachloride      | 5.550  | 117 | 12341  | 5.386  | ug/l # | 15  |
| 39) Methylcyclohexane         | 7.379  | 83  | 5021   | 1.874  | ug/l # | 92  |
| 51) 4-Methyl-2-Pentanone      | 8.604  | 43  | 1720   | 0.740  | ug/l # | 57  |
| 55) 1,1,2-Trichloroethane     | 9.104  | 97  | 7714   | 4.671  | ug/l # | 22  |
| 56) Ethyl methacrylate        | 9.104  | 69  | 1872   | 0.696  | ug/l # | 8   |
| 59) 2-Hexanone                | 9.385  | 43  | 6037   | 3.501  | ug/l # | 30  |
| 67) Ethyl Benzene             | 10.195 | 91  | 4761   | 0.582  | ug/l   | 93  |
| 68) m/p-Xylenes               | 10.299 | 106 | 4919   | 1.612  | ug/l   | 95  |
| 73) Isopropylbenzene          | 10.964 | 105 | 1866   | 0.237  | ug/l   | 100 |
| 74) N-amyl acetate            | 10.854 | 43  | 3671   | 1.000  | ug/l # | 1   |
| 75) 1,1,2,2-Tetrachloroethane | 11.220 | 83  | 1796   | 0.675  | ug/l # | 26  |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75  | 52495  | 23.456 | ug/l # | 39  |
| 78) n-propylbenzene           | 11.305 | 91  | 5774   | 0.634  | ug/l   | 98  |
| 79) 2-Chlorotoluene           | 11.451 | 91  | 1536   | 0.278  | ug/l   | 88  |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105 | 5776   | 0.877  | ug/l   | 99  |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75  | 52495  | 53.164 | ug/l # | 5   |
| 82) 4-Chlorotoluene           | 11.451 | 91  | 1536   | 0.244  | ug/l   | 95  |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105 | 17184  | 2.608  | ug/l   | 96  |
| 85) sec-Butylbenzene          | 11.890 | 105 | 4164   | 0.516  | ug/l   | 96  |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146 | 705    | 0.212  | ug/l # | 63  |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146 | 754    | 0.229  | ug/l # | 38  |
| 89) n-Butylbenzene            | 12.335 | 91  | 4982   | 0.838  | ug/l # | 80  |
| 90) Hexachloroethane          | 12.549 | 117 | 300    | 0.223  | ug/l # | 48  |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180 | 897    | 0.454  | ug/l # | 43  |

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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Aug 11 23:03:17 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration

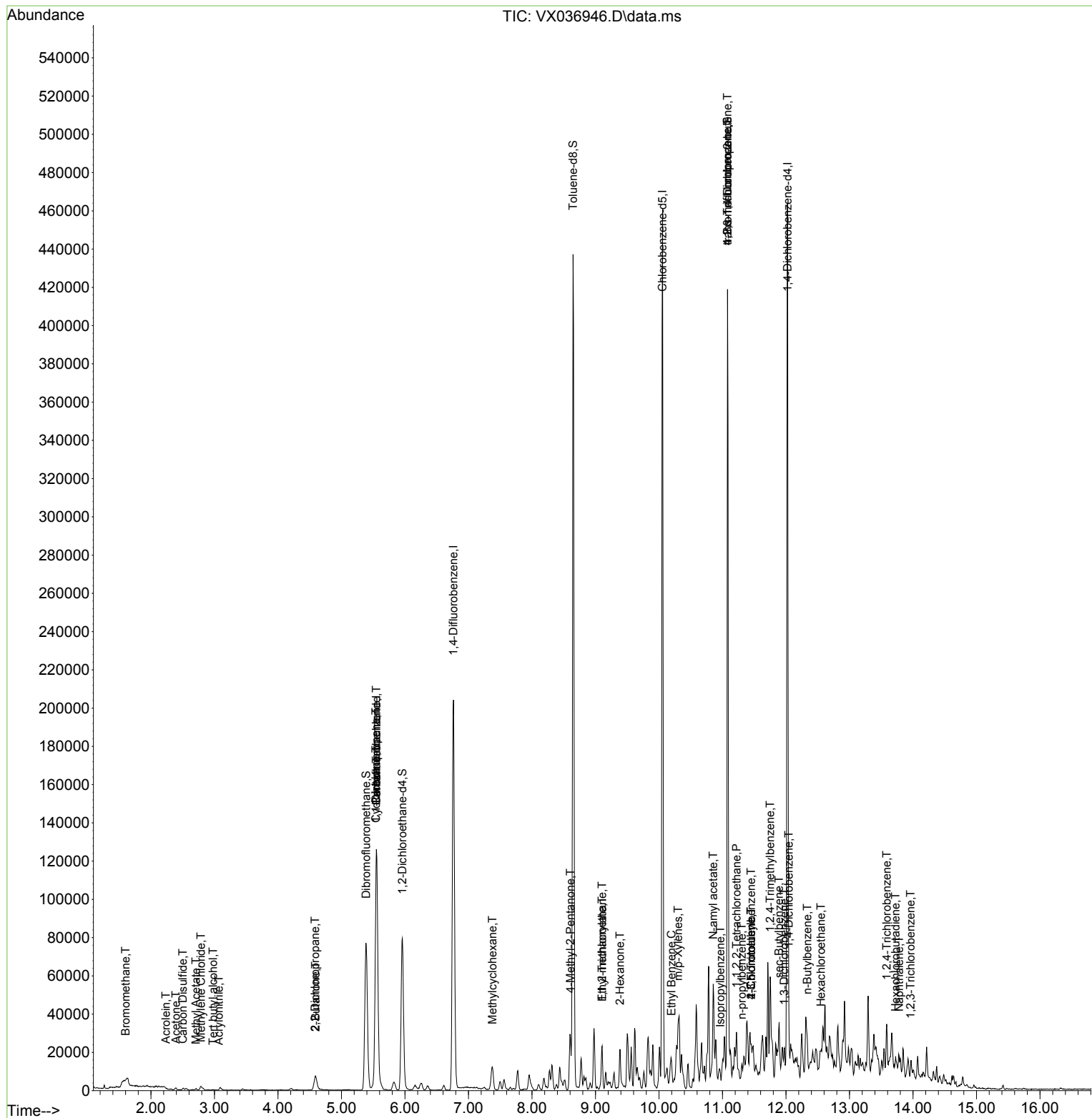
| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| 94) Hexachlorobutadiene    | 13.725 | 225  | 584      | 0.715 | ug/l   | 98       |
| 95) Naphthalene            | 13.780 | 128  | 7557     | 1.098 | ug/l # | 89       |
| 96) 1,2,3-Trichlorobenzene | 13.963 | 180  | 913      | 0.469 | ug/l # | 27       |

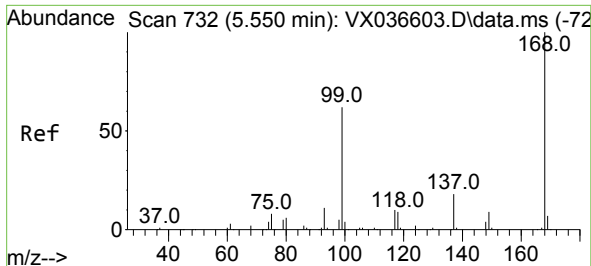
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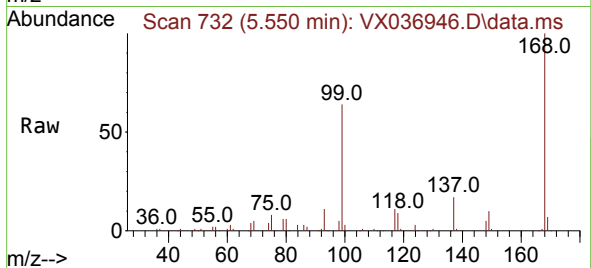
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
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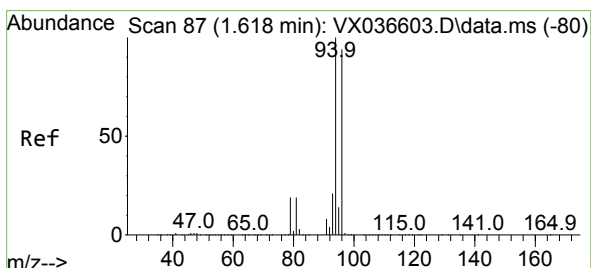
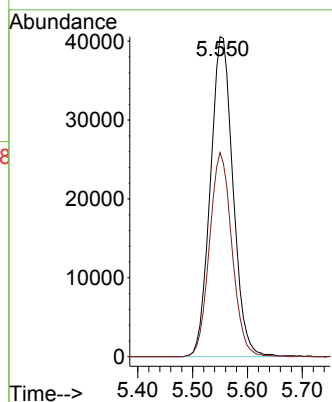
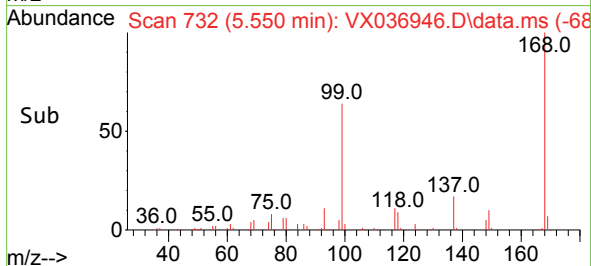


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

Instrument :  
MSVOA\_X  
ClientSampleId :

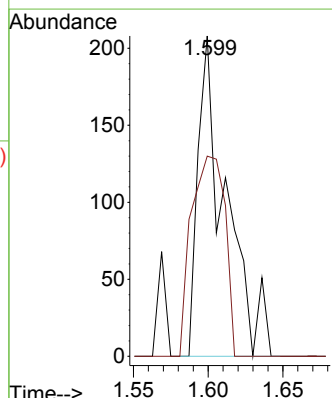
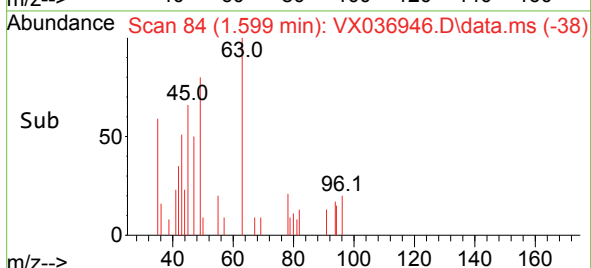
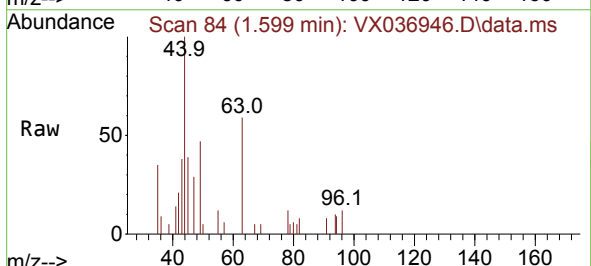


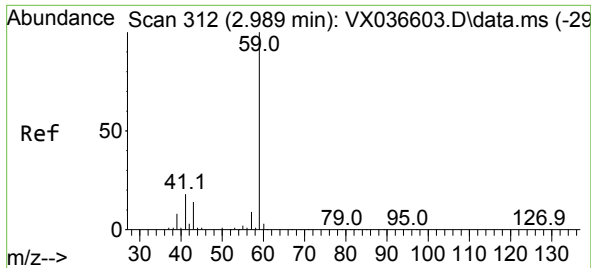
Tgt Ion:168 Resp: 116222  
Ion Ratio Lower Upper  
168 100  
99 63.8 56.6 85.0



#5  
Bromomethane  
Concen: 0.316 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.018 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

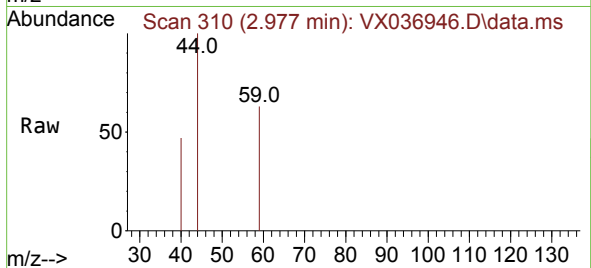
Tgt Ion: 94 Resp: 268  
Ion Ratio Lower Upper  
94 100  
96 62.5 74.6 111.8#



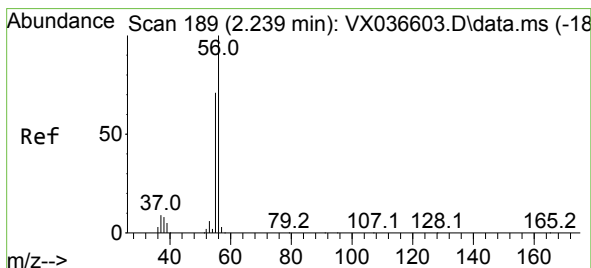
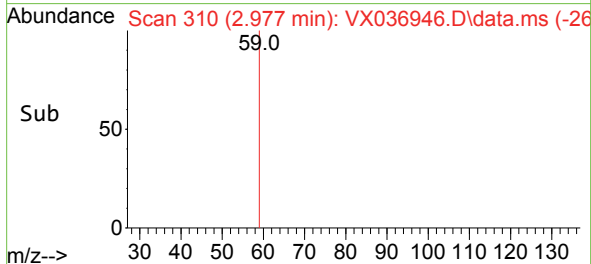
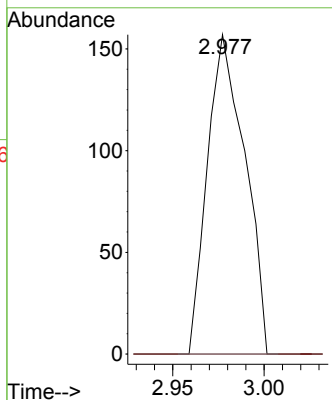


#11  
Tert butyl alcohol  
Concen: 0.553 ug/l  
RT: 2.977 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

Instrument :  
MSVOA\_X  
ClientSampleId :

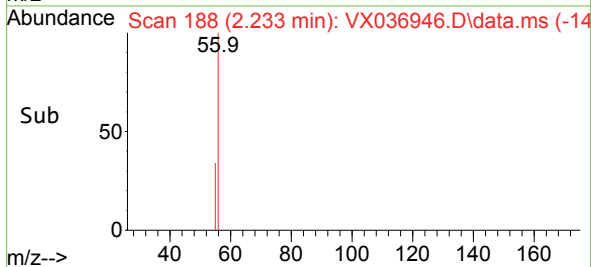
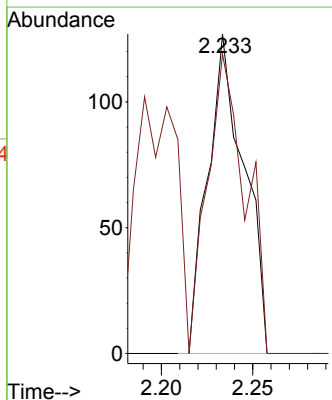
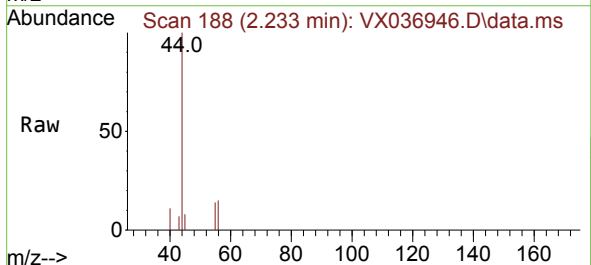


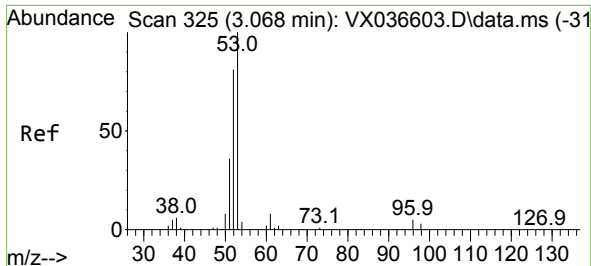
Tgt Ion: 59 Resp: 225  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.0 9.0#



#13  
Acrolein  
Concen: 0.757 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. -0.006 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

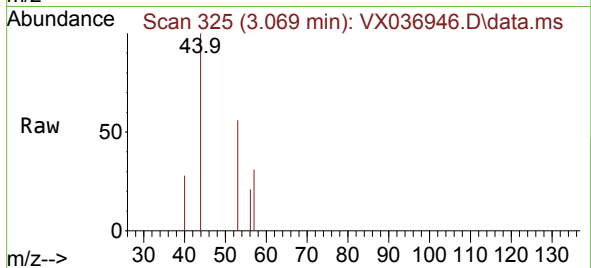
Tgt Ion: 56 Resp: 176  
Ion Ratio Lower Upper  
56 100  
55 98.3 57.1 85.7#



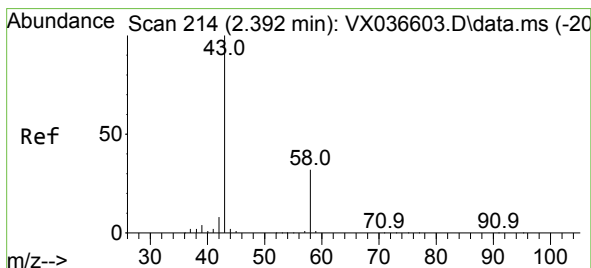
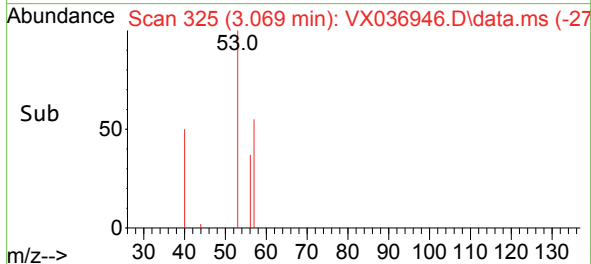
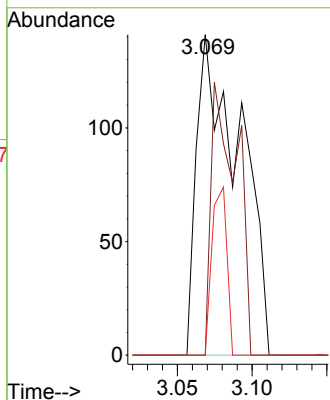


#15  
Acrylonitrile  
Concen: 0.347 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

Instrument :  
MSVOA\_X  
ClientSampleId :

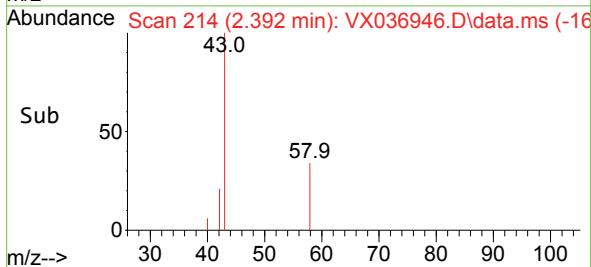
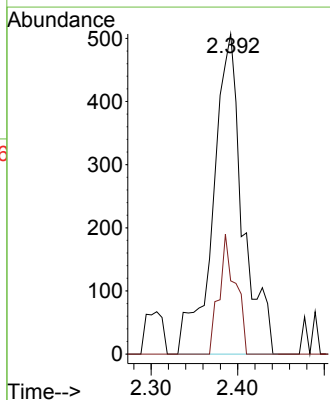
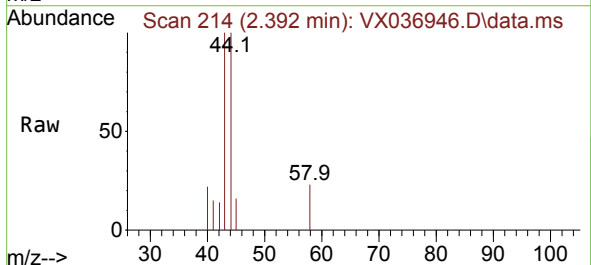


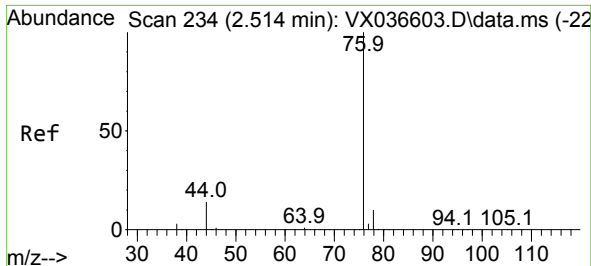
Tgt Ion: 53 Resp: 284  
Ion Ratio Lower Upper  
53 100  
52 50.4 66.0 99.0#  
51 18.0 29.8 44.6#



#16  
Acetone  
Concen: 1.686 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

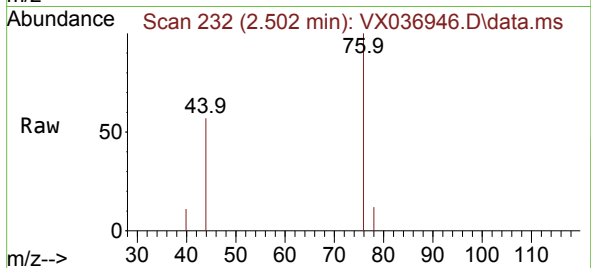
Tgt Ion: 43 Resp: 1203  
Ion Ratio Lower Upper  
43 100  
58 22.9 21.9 32.9



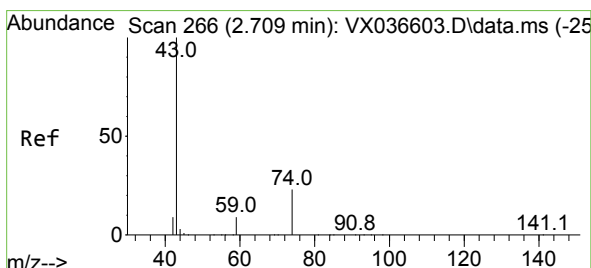
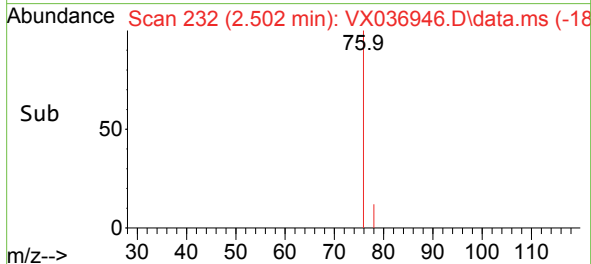
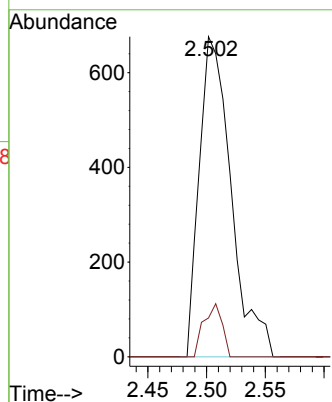


#17  
Carbon Disulfide  
Concen: 0.356 ug/l  
RT: 2.502 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

Instrument :  
MSVOA\_X  
ClientSampleId :

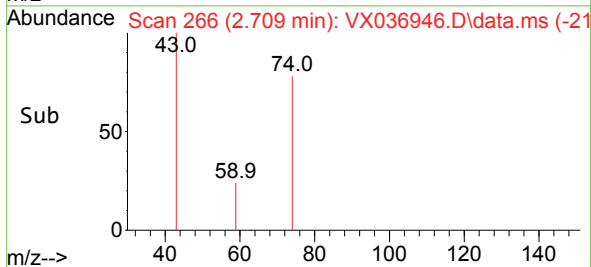
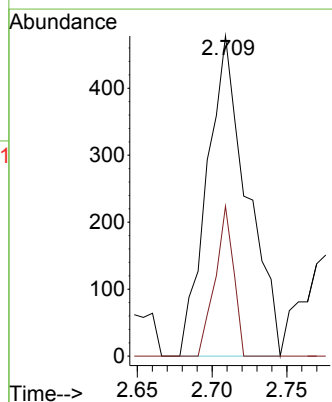
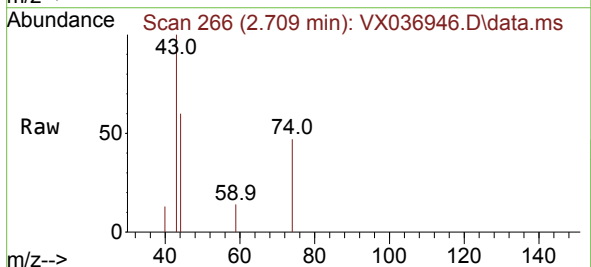


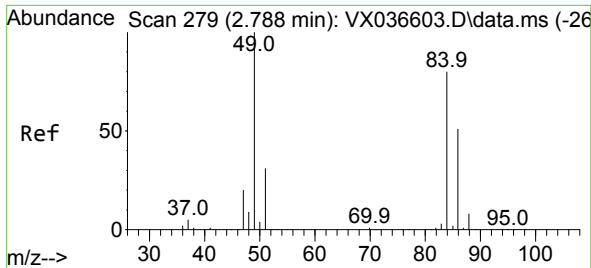
Tgt Ion: 76 Resp: 1279  
Ion Ratio Lower Upper  
76 100  
78 12.1 7.0 10.6#



#18  
Methyl Acetate  
Concen: 0.296 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

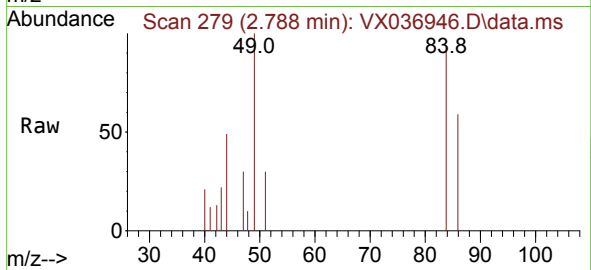
Tgt Ion: 43 Resp: 888  
Ion Ratio Lower Upper  
43 100  
74 21.6 17.8 26.8



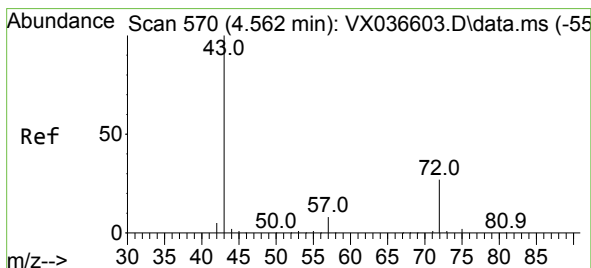
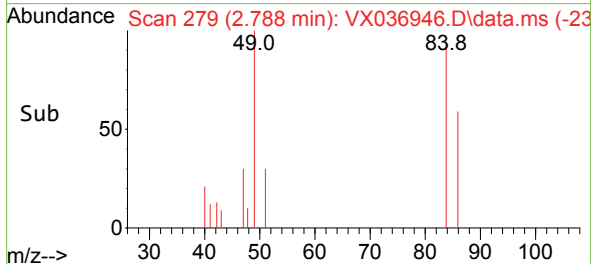
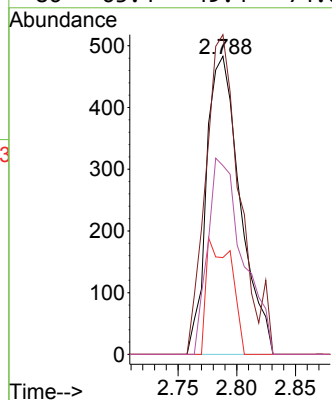


#20  
Methylene Chloride  
Concen: 0.607 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

Instrument :  
MSVOA\_X  
ClientSampleId :

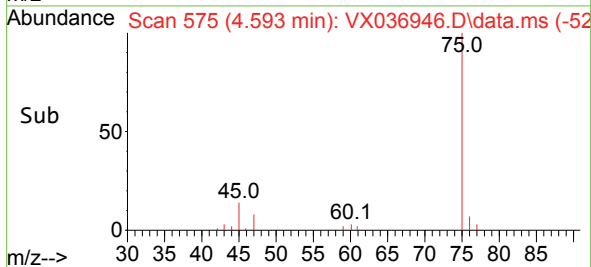
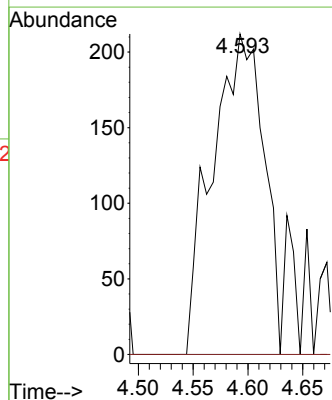
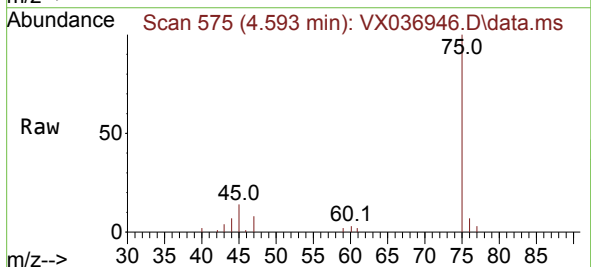


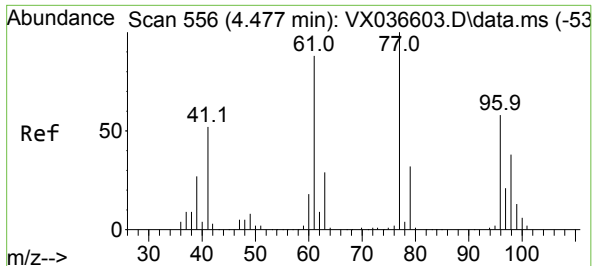
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 964   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 107.2 | 103.6 | 155.4 |
| 51       | 32.5  | 33.8  | 50.6# |
| 86       | 63.4  | 49.4  | 74.0  |



#25  
2-Butanone  
Concen: 0.600 ug/l  
RT: 4.593 min Scan# 575  
Delta R.T. 0.031 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 695   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 0.0   | 19.4  | 29.2# |





#26

2,2-Dichloropropane

Concen: 0.252 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.110 min

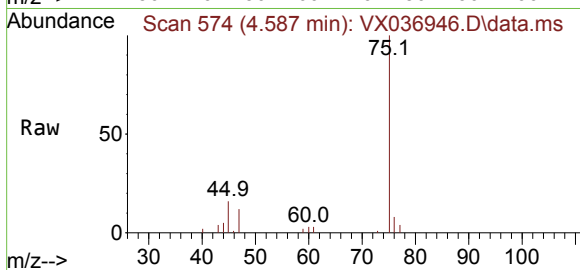
Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

Instrument :

MSVOA\_X

ClientSampleId :

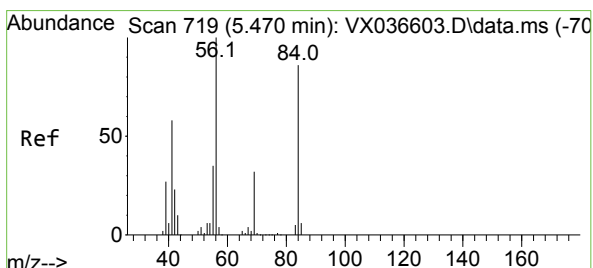
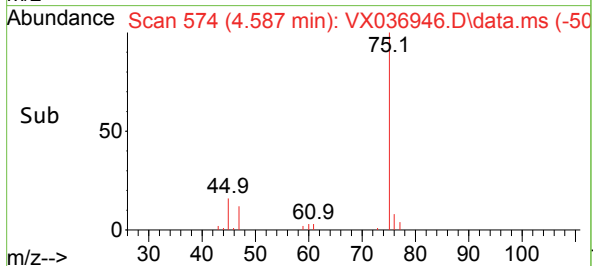
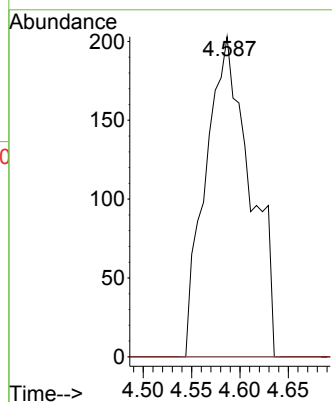


Tgt Ion: 77 Resp: 649

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.562 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

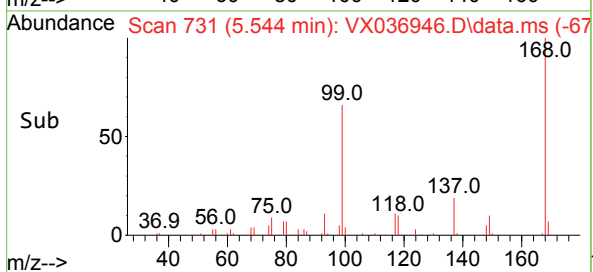
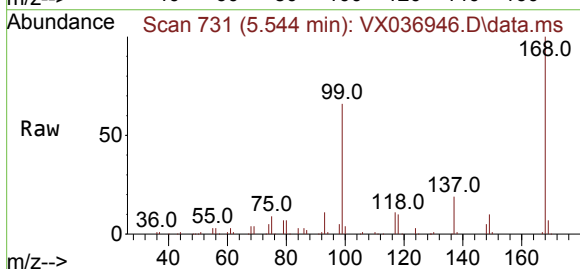
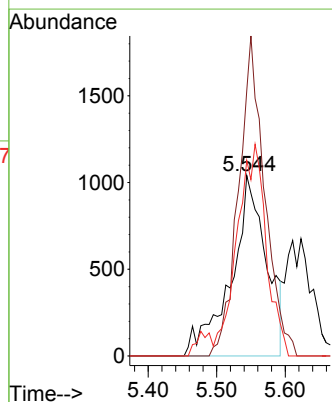
Tgt Ion: 56 Resp: 3719

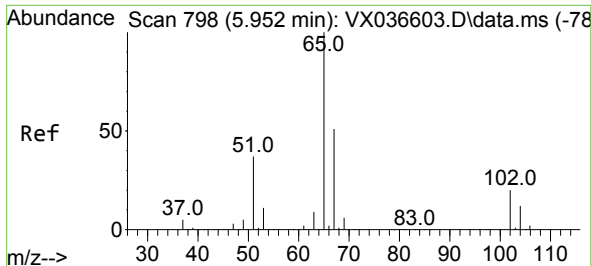
Ion Ratio Lower Upper

56 100

69 147.0 23.4 35.2#

84 108.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.484 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

Instrument :

MSVOA\_X

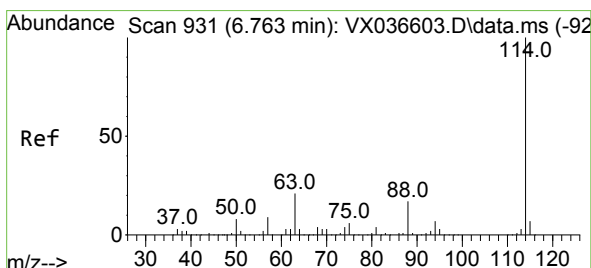
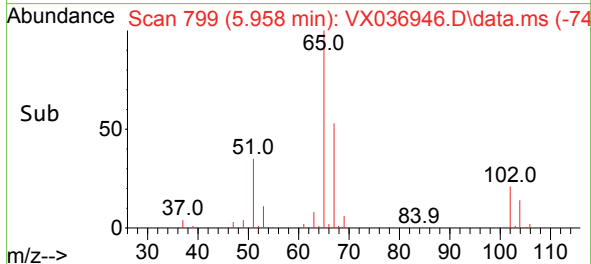
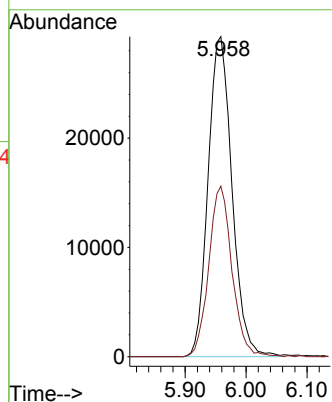
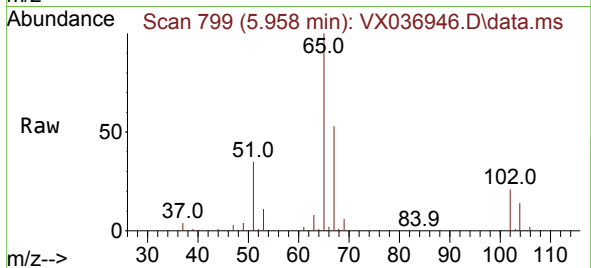
ClientSampleId :

Tgt Ion: 65 Resp: 79937

Ion Ratio Lower Upper

65 100

67 51.7 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: VX036946.D

Acq: 11 Aug 2023 17:15

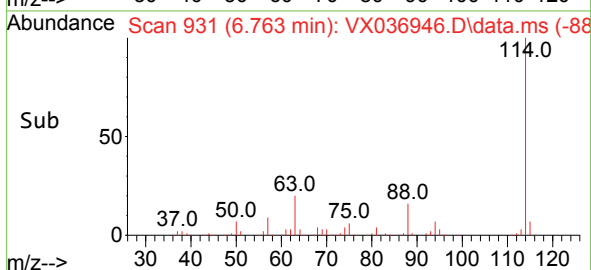
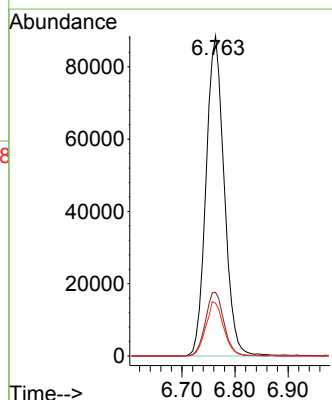
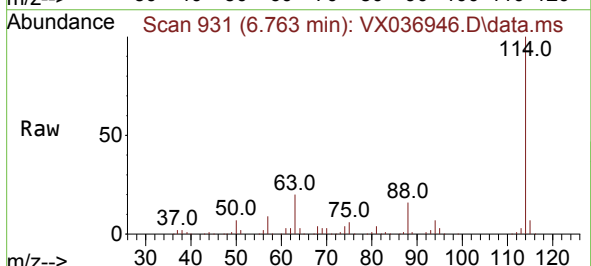
Tgt Ion: 114 Resp: 210364

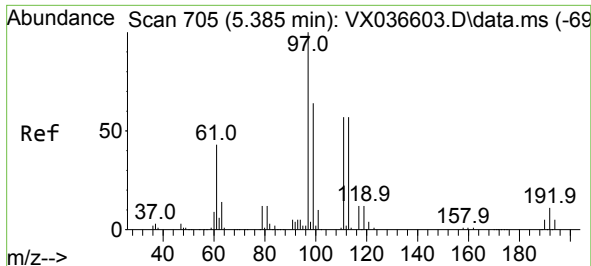
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.186 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

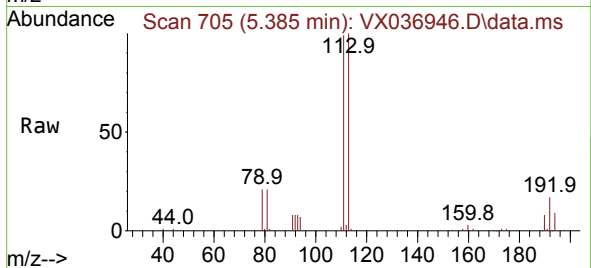
Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

Instrument :

MSVOA\_X

ClientSampleId :



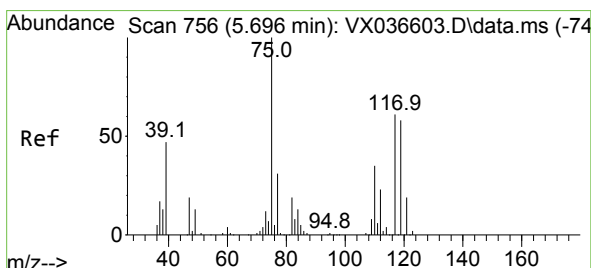
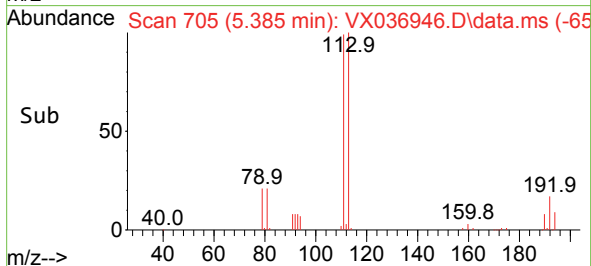
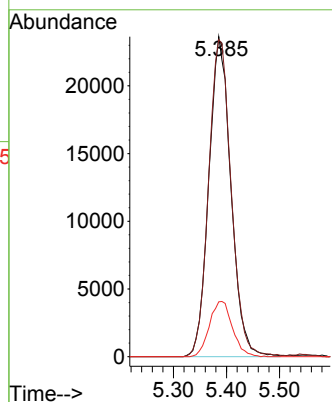
Tgt Ion:113 Resp: 68228

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

192 18.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.587 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

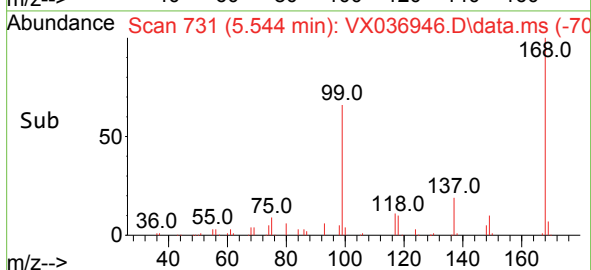
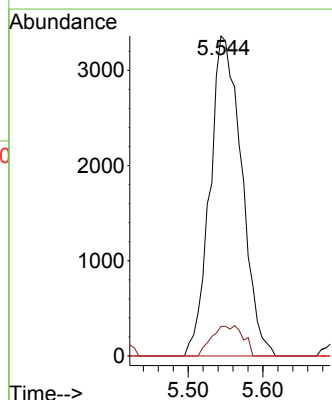
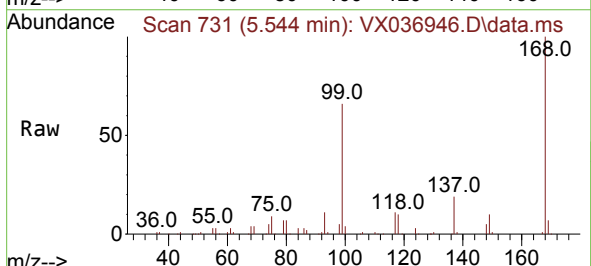
Tgt Ion: 75 Resp: 9885

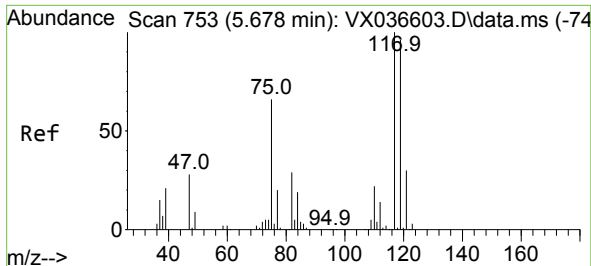
Ion Ratio Lower Upper

75 100

110 9.3 17.0 50.9#

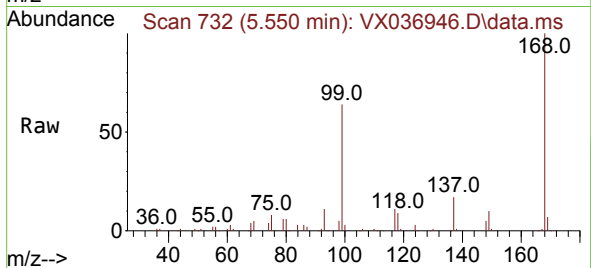
77 0.0 24.7 37.1#



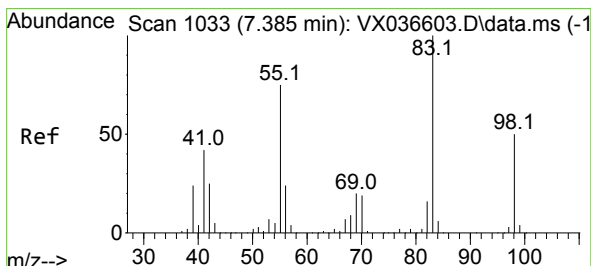
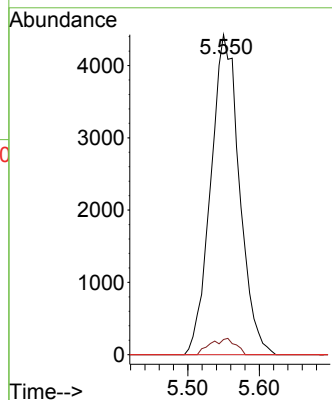
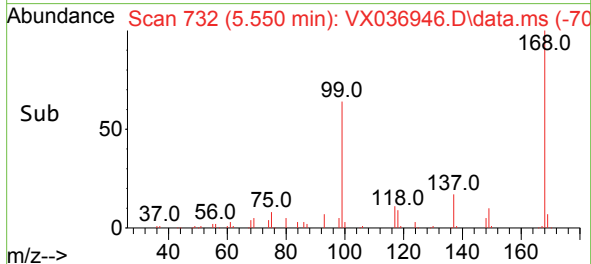


#38  
Carbon Tetrachloride  
Concen: 5.386 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

Instrument :  
MSVOA\_X  
ClientSampleId :

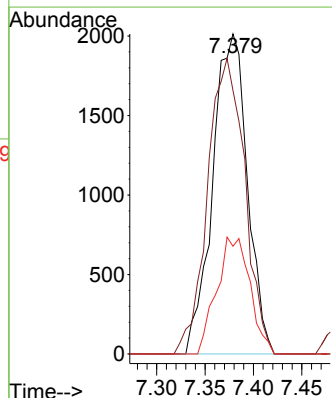
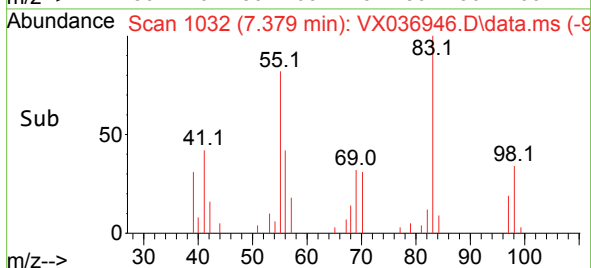
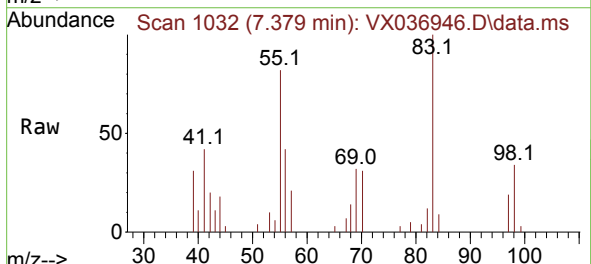


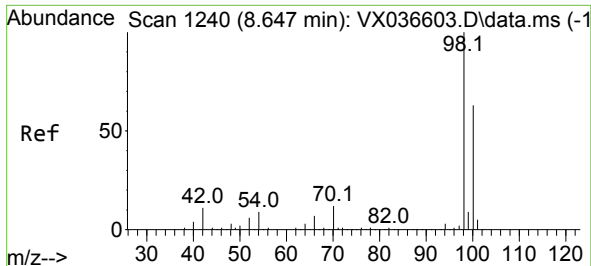
Tgt Ion:117 Resp: 12341  
Ion Ratio Lower Upper  
117 100  
119 4.8 78.2 117.2#  
121 0.0 24.4 36.6#



#39  
Methylcyclohexane  
Concen: 1.874 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

Tgt Ion: 83 Resp: 5021  
Ion Ratio Lower Upper  
83 100  
55 82.3 64.6 97.0  
98 33.7 36.7 55.1#

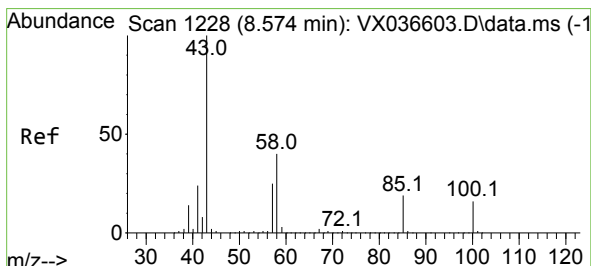
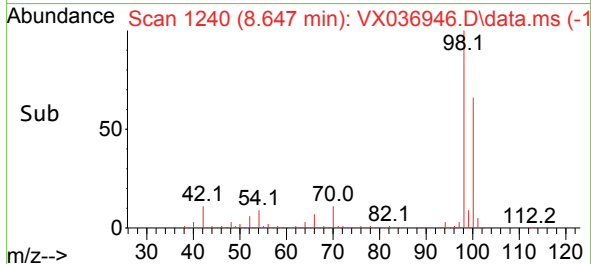
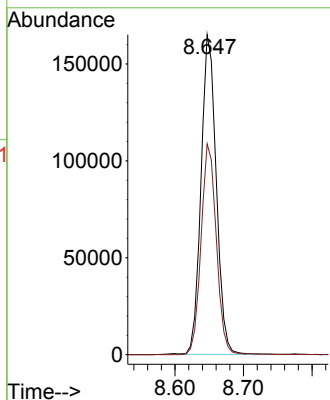
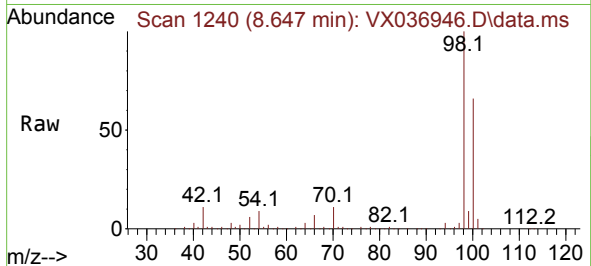




#50  
Toluene-d8  
Concen: 49.736 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

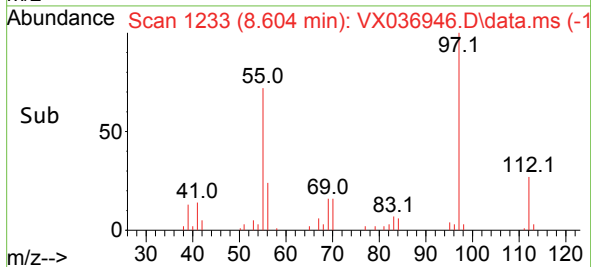
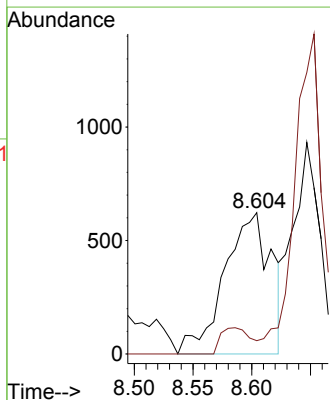
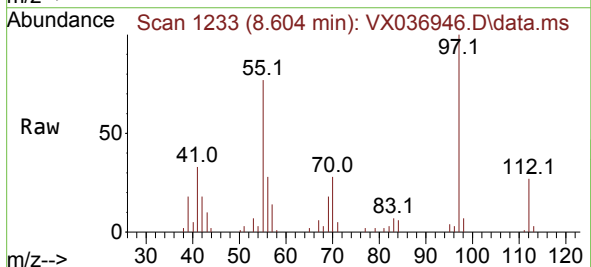
Instrument :  
MSVOA\_X  
ClientSampleId :

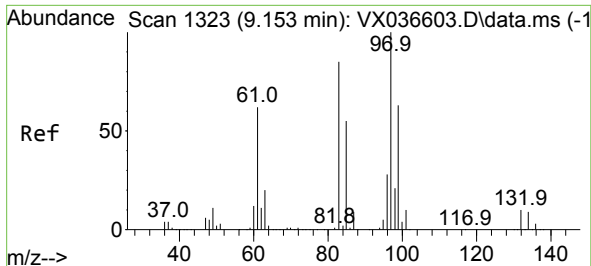
Tgt Ion: 98 Resp: 255024  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.1 79.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.740 ug/l  
RT: 8.604 min Scan# 1233  
Delta R.T. 0.031 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

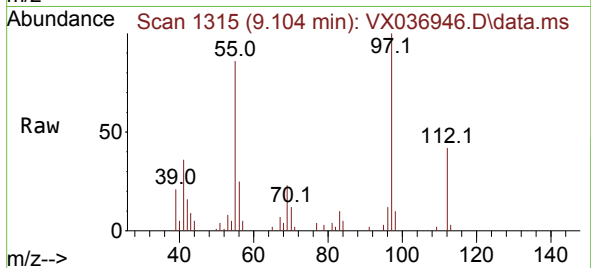
Tgt Ion: 43 Resp: 1720  
Ion Ratio Lower Upper  
43 100  
58 11.9 30.4 45.6#



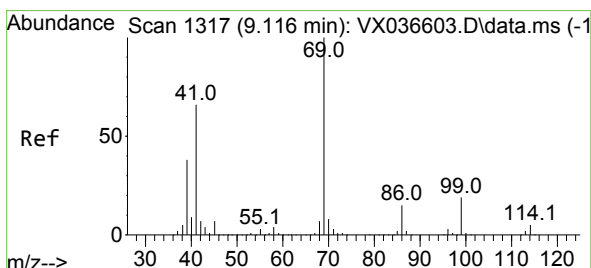
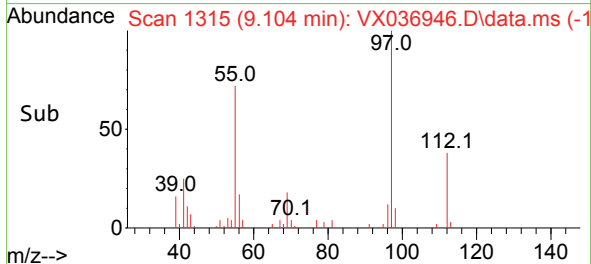
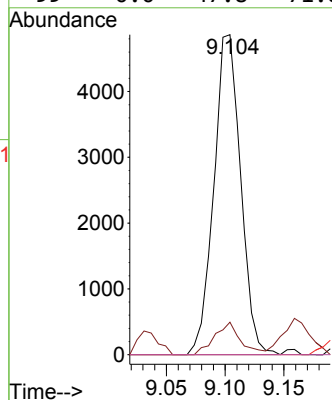


#55  
 1,1,2-Trichloroethane  
 Concen: 4.671 ug/l  
 RT: 9.104 min Scan# 1315  
 Delta R.T. -0.049 min  
 Lab File: VX036946.D  
 Acq: 11 Aug 2023 17:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :

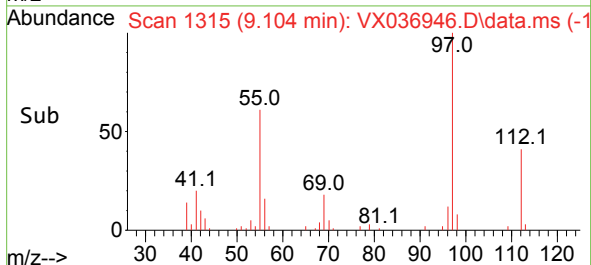
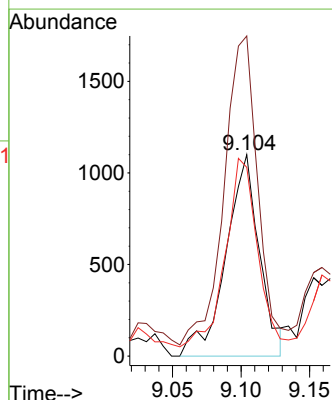
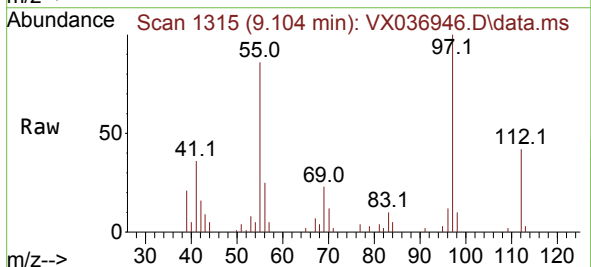


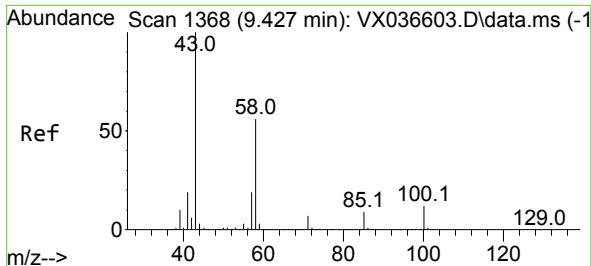
| Tgt Ion: | 97    | Resp: | 7714  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 10.2  | 65.8  | 98.8# |
| 85       | 0.0   | 41.6  | 62.4# |
| 99       | 0.0   | 47.8  | 71.8# |



#56  
 Ethyl methacrylate  
 Concen: 0.696 ug/l  
 RT: 9.104 min Scan# 1315  
 Delta R.T. -0.012 min  
 Lab File: VX036946.D  
 Acq: 11 Aug 2023 17:15

| Tgt Ion: | 69    | Resp: | 1872  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 153.3 | 56.8  | 85.2# |
| 39       | 89.1  | 32.0  | 48.0# |

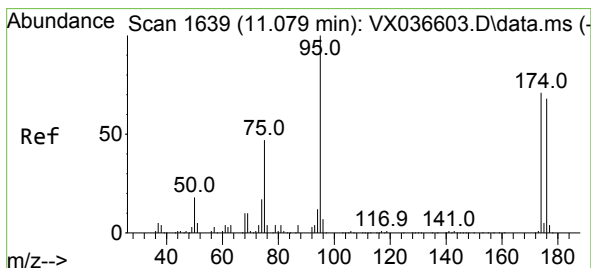
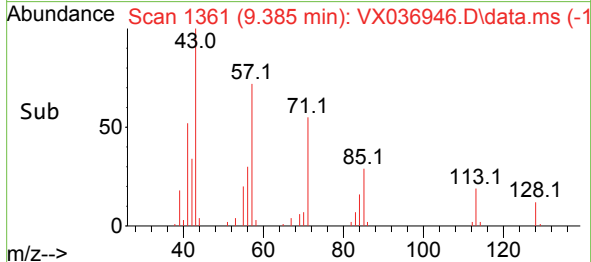
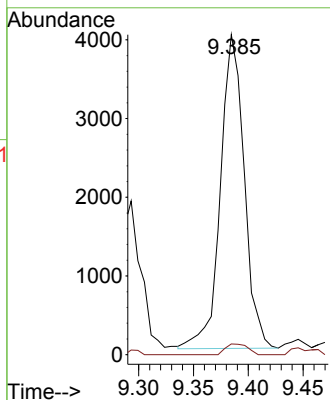
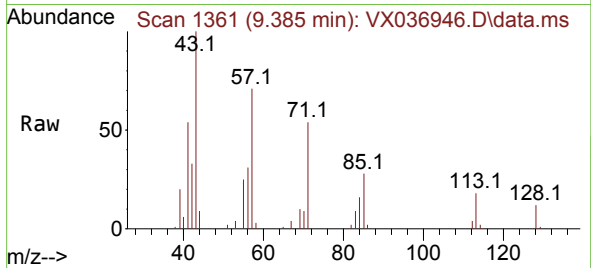




#59  
2-Hexanone  
Concen: 3.501 ug/l  
RT: 9.385 min Scan# 11  
Delta R.T. -0.043 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

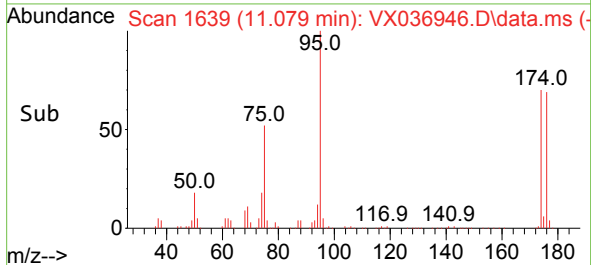
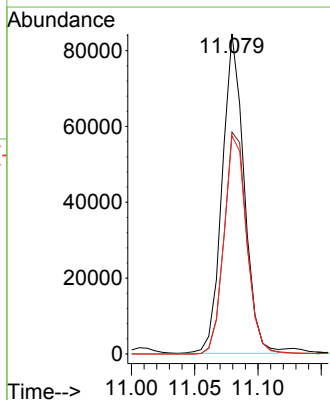
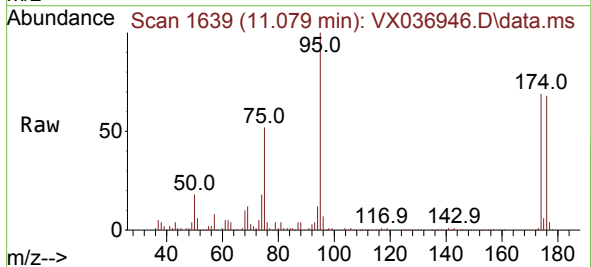
Instrument :  
MSVOA\_X  
ClientSampleId :

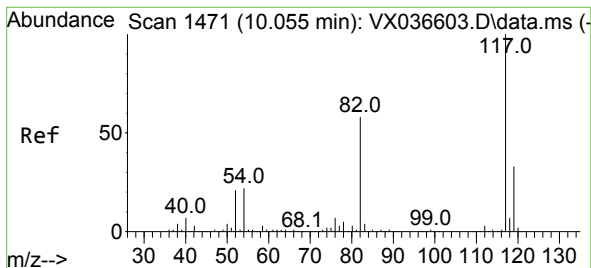
Tgt Ion: 43 Resp: 6037  
Ion Ratio Lower Upper  
43 100  
58 3.2 26.2 78.5#



#62  
4-Bromofluorobenzene  
Concen: 52.304 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

Tgt Ion: 95 Resp: 101185  
Ion Ratio Lower Upper  
95 100  
174 72.6 0.0 135.6  
176 70.9 0.0 131.0

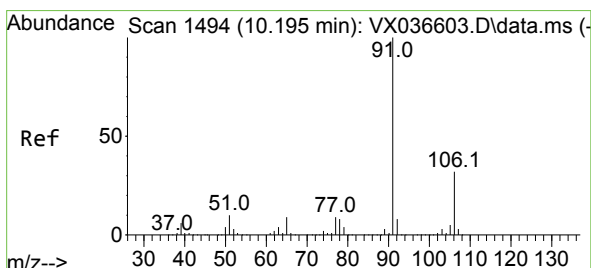
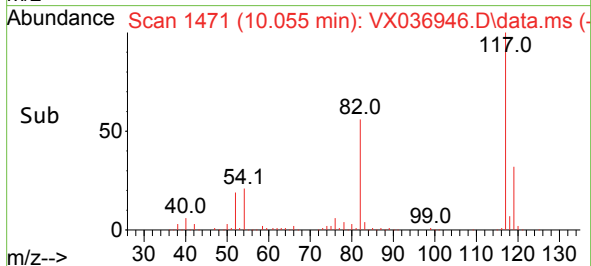
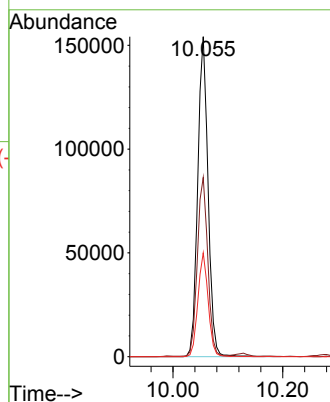
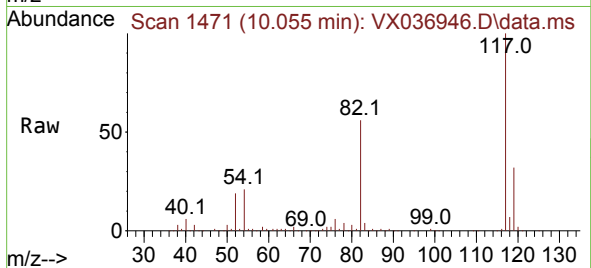




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

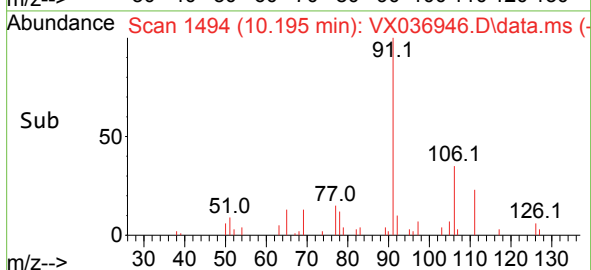
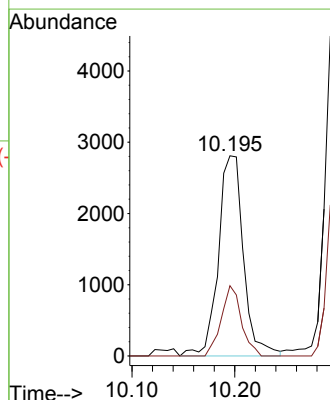
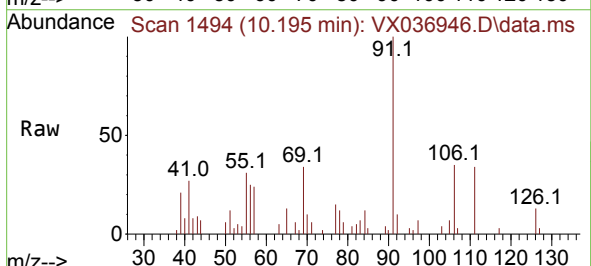
Instrument :  
MSVOA\_X  
ClientSampleId :

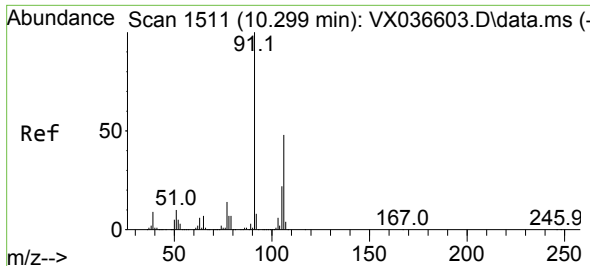
Tgt Ion:117 Resp: 203058  
Ion Ratio Lower Upper  
117 100  
82 55.9 46.2 69.4  
119 32.5 25.5 38.3



#67  
Ethyl Benzene  
Concen: 0.582 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

Tgt Ion: 91 Resp: 4761  
Ion Ratio Lower Upper  
91 100  
106 35.1 24.9 37.3

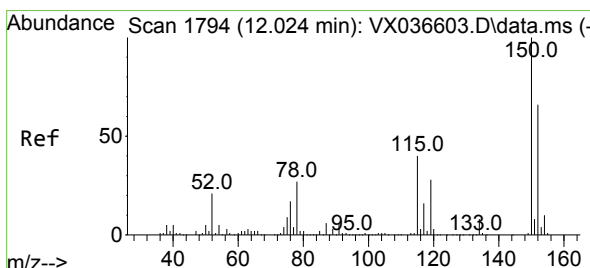
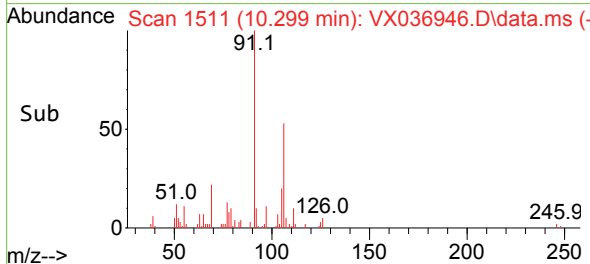
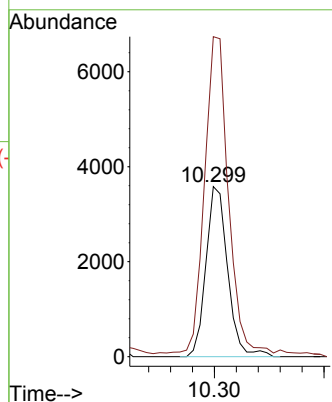
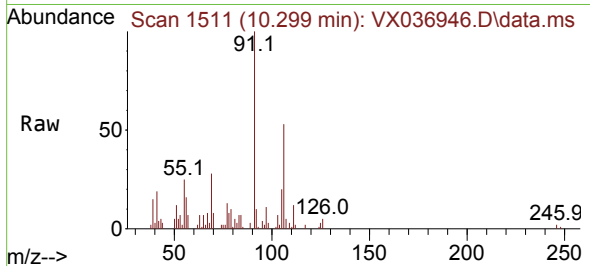




#68  
m/p-Xylenes  
Concen: 1.612 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

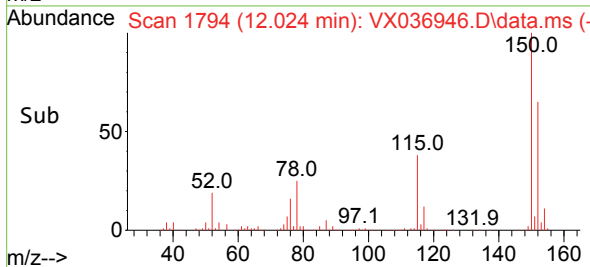
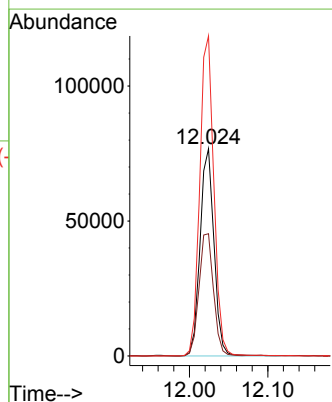
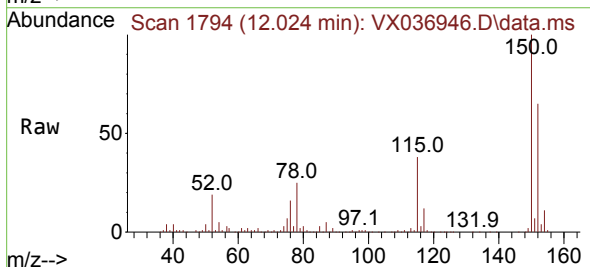
Instrument :  
MSVOA\_X  
ClientSampleId :

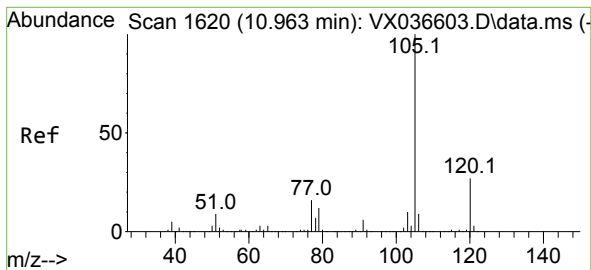
Tgt Ion:106 Resp: 4919  
Ion Ratio Lower Upper  
106 100  
91 214.8 165.5 248.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

Tgt Ion:152 Resp: 95150  
Ion Ratio Lower Upper  
152 100  
115 61.7 43.3 129.9  
150 155.9 0.0 345.0





#73

Isopropylbenzene

Concen: 0.237 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

Instrument :

MSVOA\_X

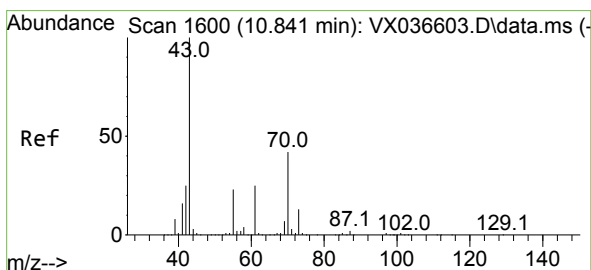
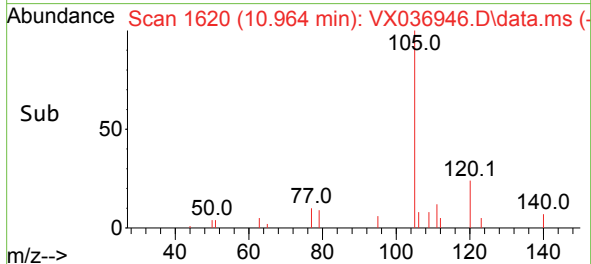
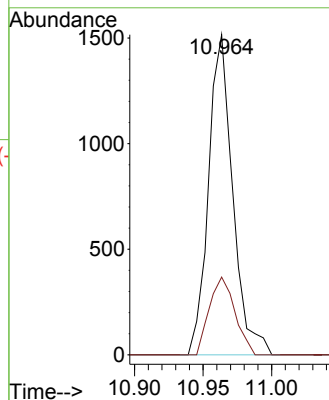
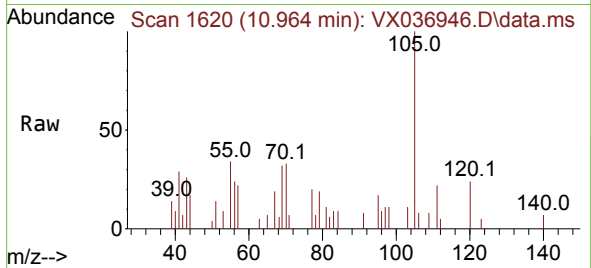
ClientSampleId :

Tgt Ion:105 Resp: 1866

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 1.000 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

Tgt Ion: 43 Resp: 3671

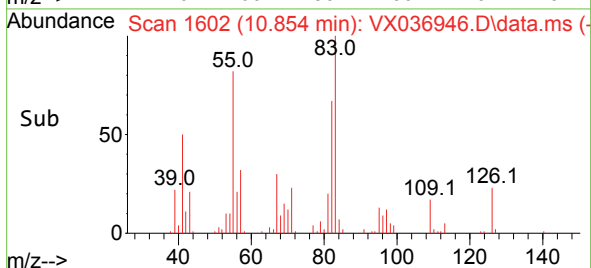
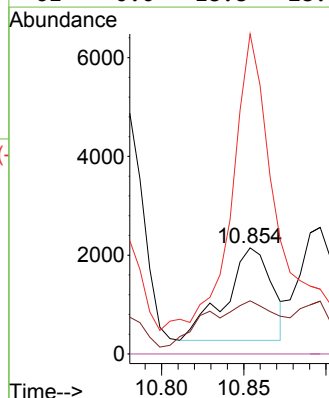
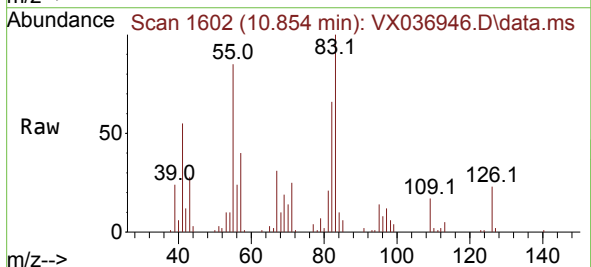
Ion Ratio Lower Upper

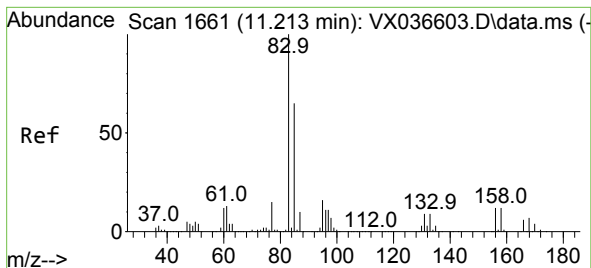
43 100

70 77.4 32.9 49.3#

55 313.0 19.3 28.9#

61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.675 ug/l

RT: 11.220 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

Instrument :

MSVOA\_X

ClientSampleId :

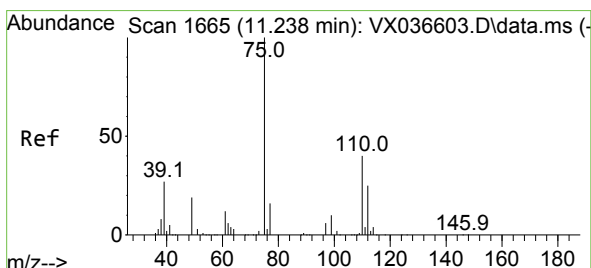
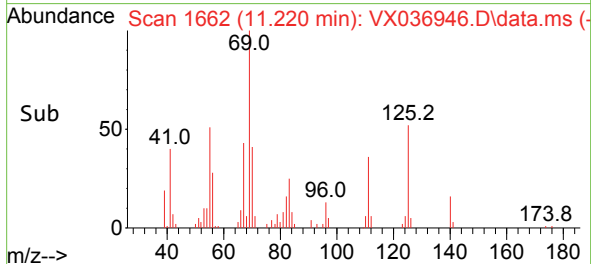
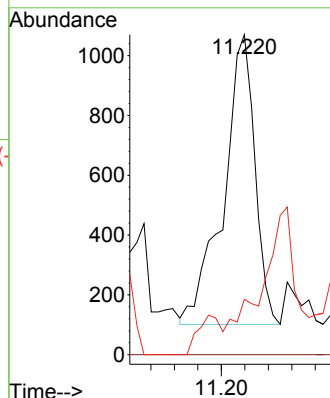
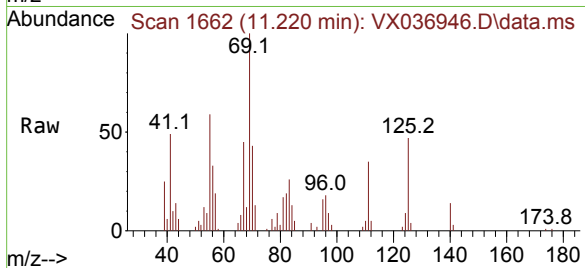
Tgt Ion: 83 Resp: 1796

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: 23.456 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036946.D

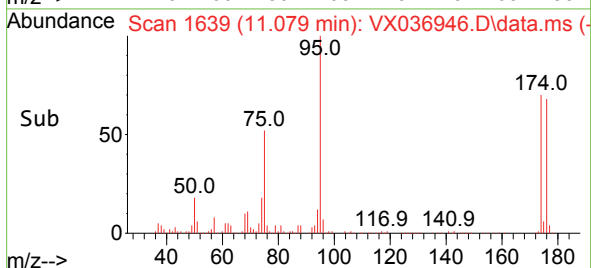
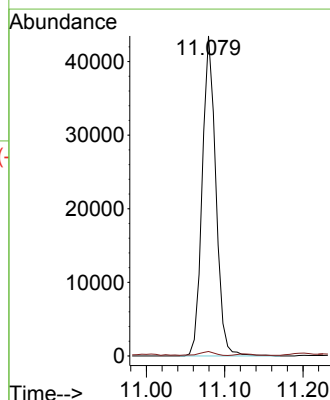
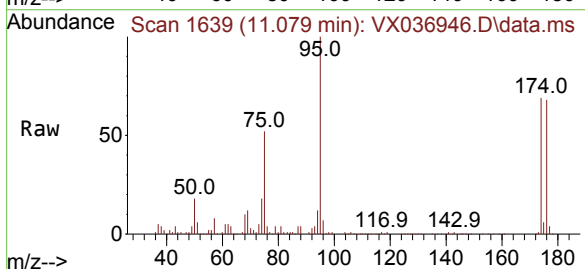
Acq: 11 Aug 2023 17:15

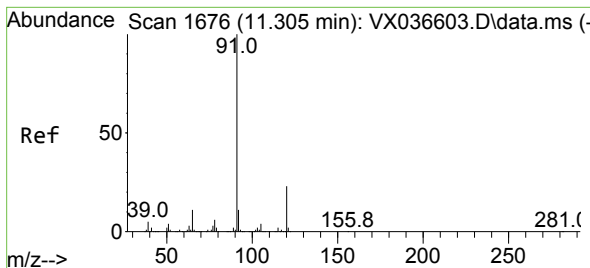
Tgt Ion: 75 Resp: 52495

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#





#78

n-propylbenzene

Concen: 0.634 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

Instrument :

MSVOA\_X

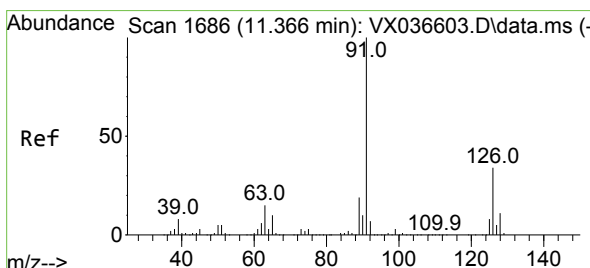
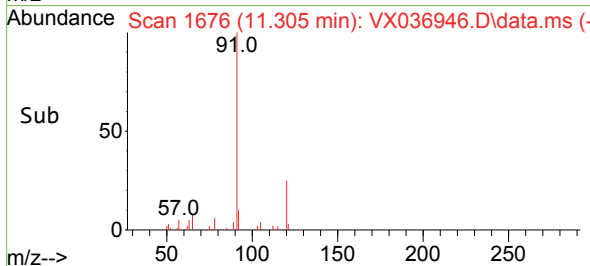
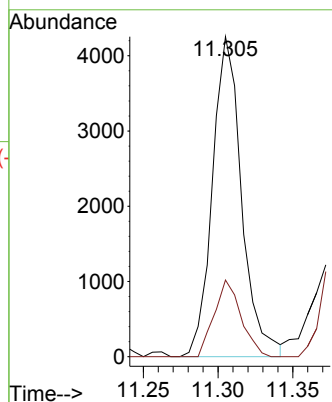
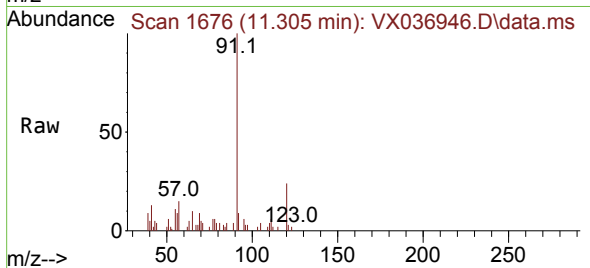
ClientSampleId :

Tgt Ion: 91 Resp: 5774

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.278 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.085 min

Lab File: VX036946.D

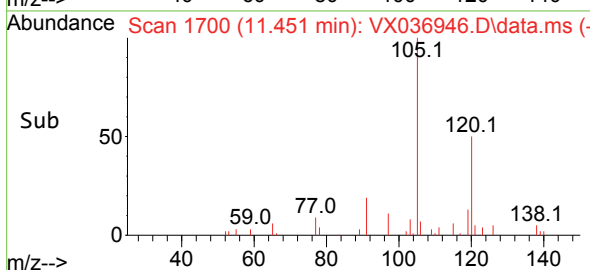
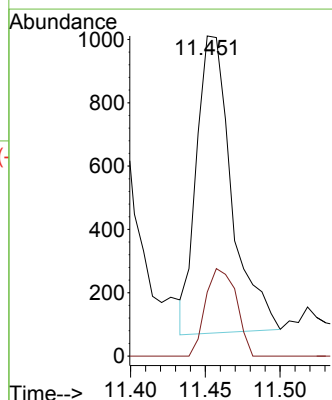
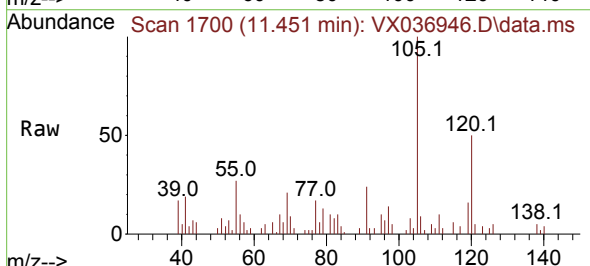
Acq: 11 Aug 2023 17:15

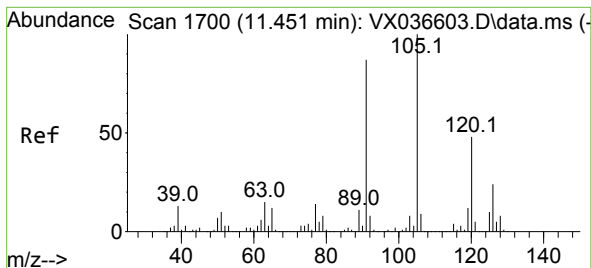
Tgt Ion: 91 Resp: 1536

Ion Ratio Lower Upper

91 100

126 25.7 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.877 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

Instrument :

MSVOA\_X

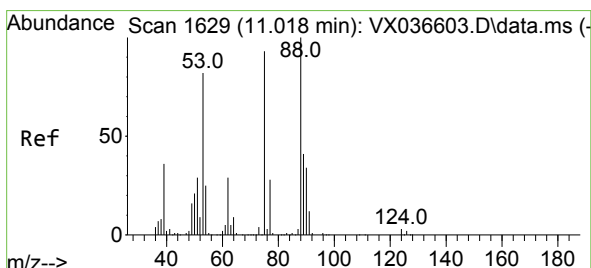
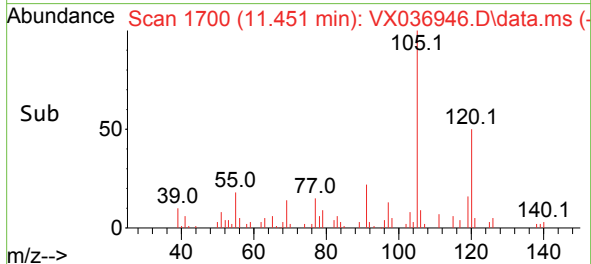
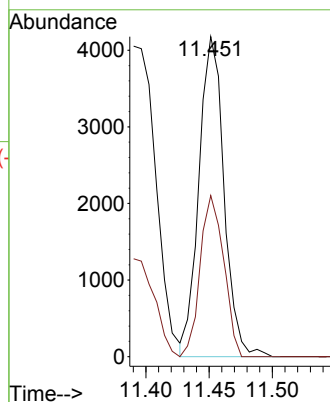
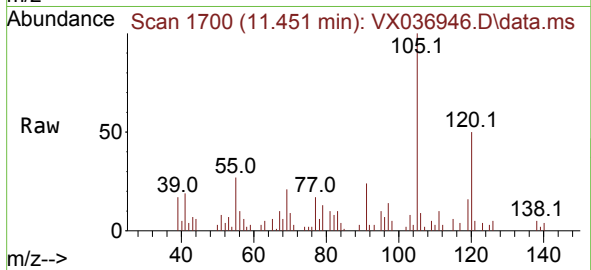
ClientSampleId :

Tgt Ion:105 Resp: 5776

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 53.164 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

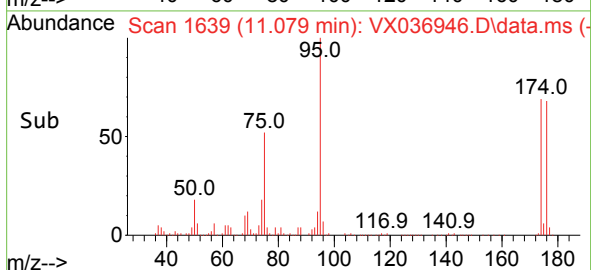
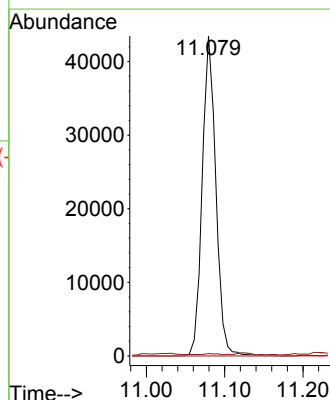
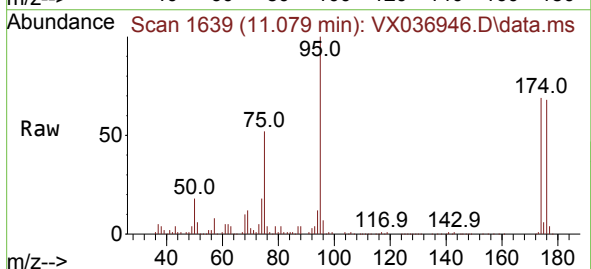
Tgt Ion: 75 Resp: 52495

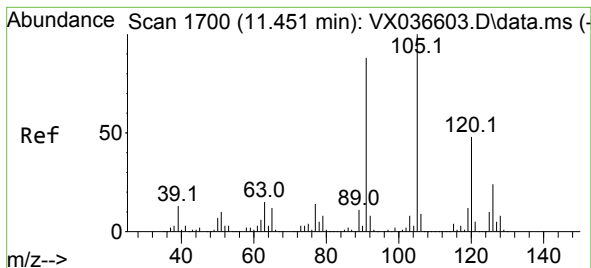
Ion Ratio Lower Upper

75 100

53 0.5 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.244 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

Instrument :

MSVOA\_X

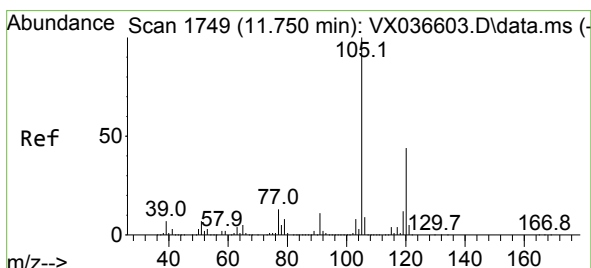
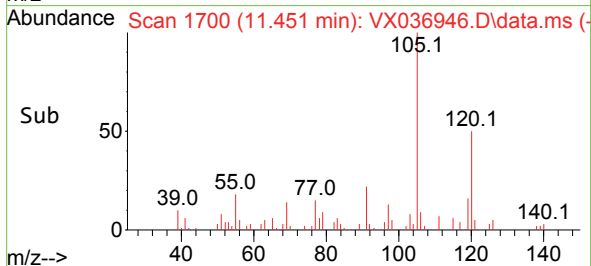
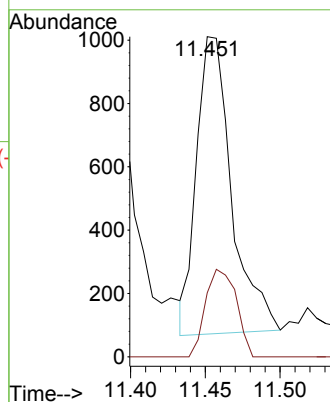
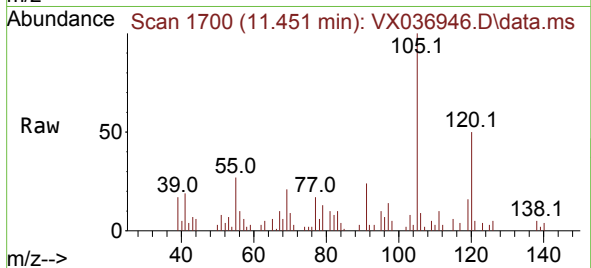
ClientSampleId :

Tgt Ion: 91 Resp: 1536

Ion Ratio Lower Upper

91 100

126 25.7 14.2 42.6



#84

1,2,4-Trimethylbenzene

Concen: 2.608 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036946.D

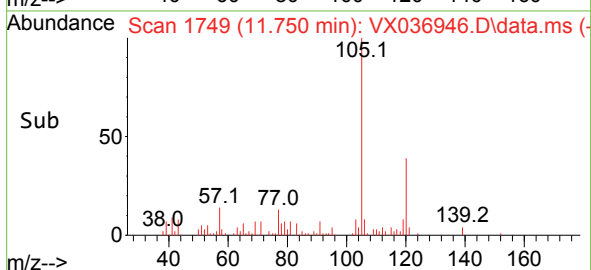
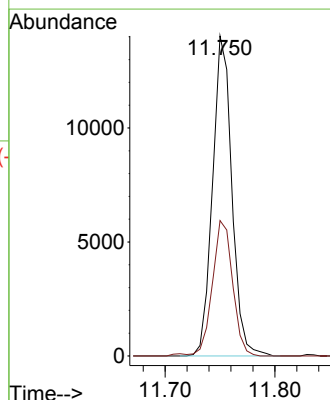
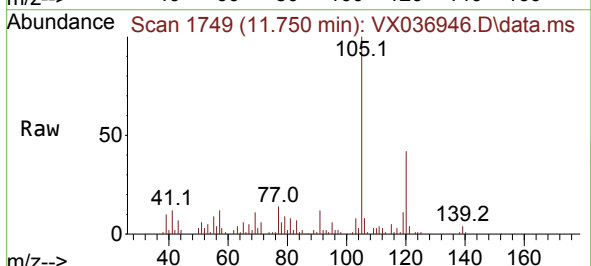
Acq: 11 Aug 2023 17:15

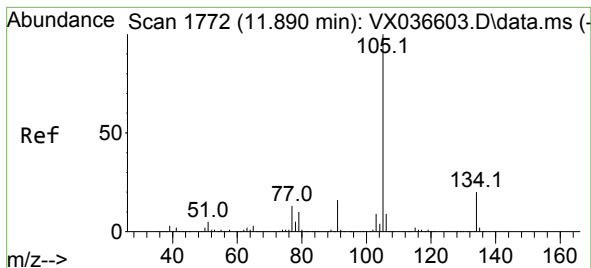
Tgt Ion: 105 Resp: 17184

Ion Ratio Lower Upper

105 100

120 44.7 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.516 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

Instrument :

MSVOA\_X

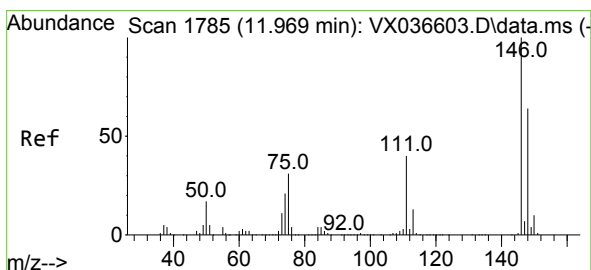
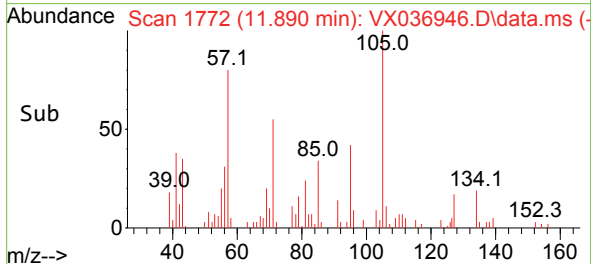
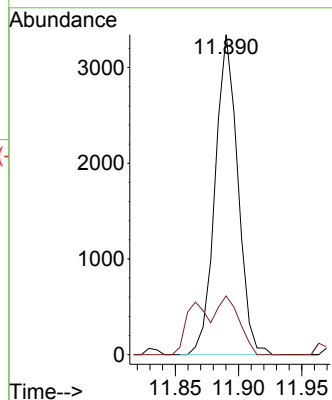
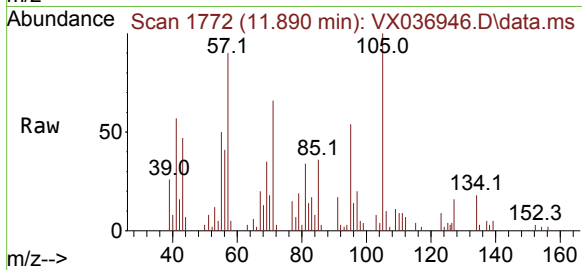
ClientSampleId :

Tgt Ion:105 Resp: 4164

Ion Ratio Lower Upper

105 100

134 17.9 9.8 29.4



#87

1,3-Dichlorobenzene

Concen: 0.212 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

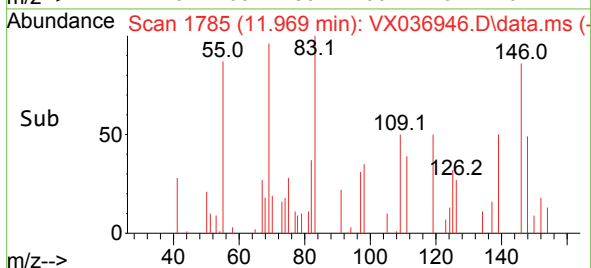
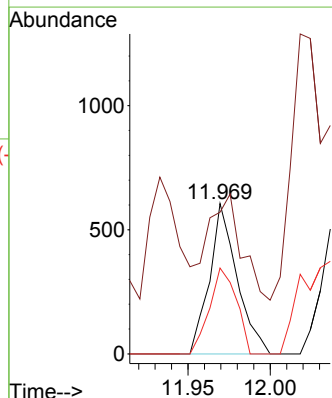
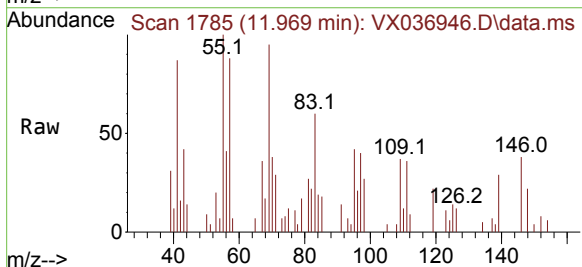
Tgt Ion:146 Resp: 705

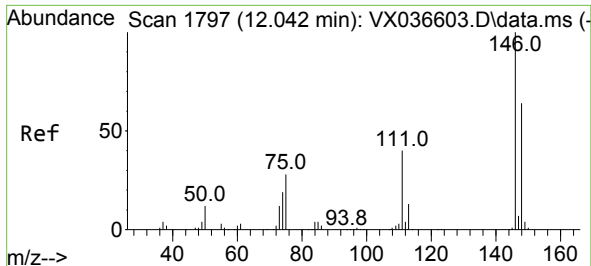
Ion Ratio Lower Upper

146 100

111 93.3 22.1 66.1#

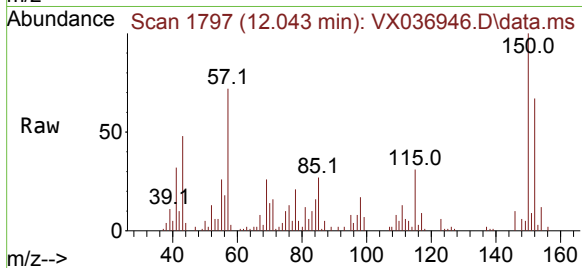
148 56.0 31.8 95.3



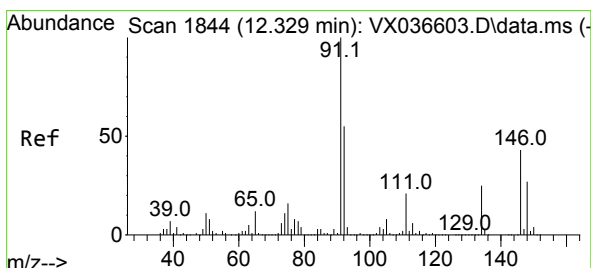
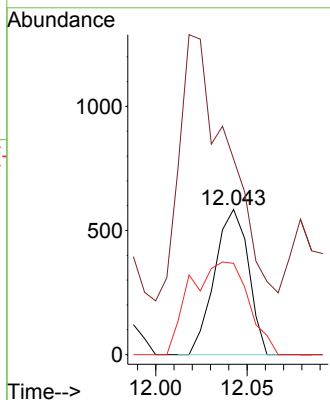
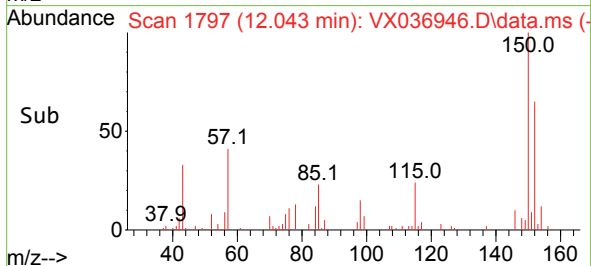


#88  
1,4-Dichlorobenzene  
Concen: 0.229 ug/l  
RT: 12.043 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15

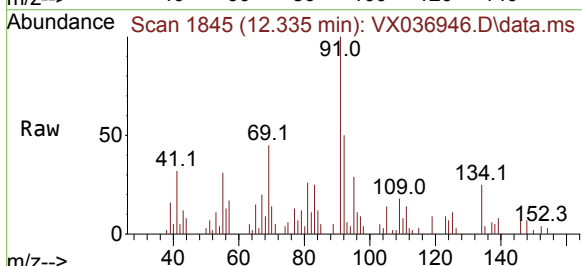
Instrument :  
MSVOA\_X  
ClientSampleId :



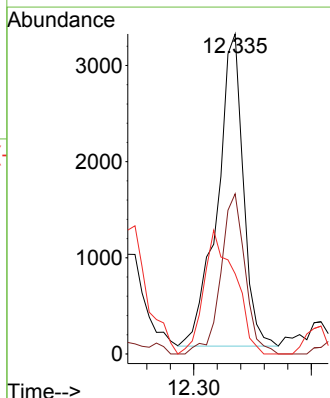
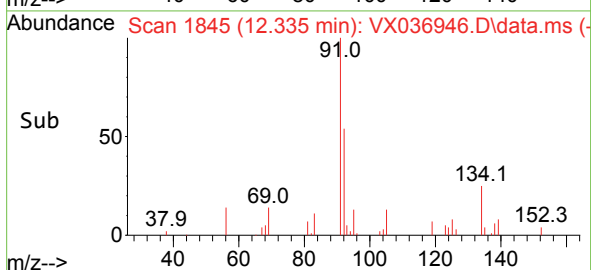
Tgt Ion:146 Resp: 754  
Ion Ratio Lower Upper  
146 100  
111 0.0 21.3 63.7#  
148 109.9 31.8 95.4#

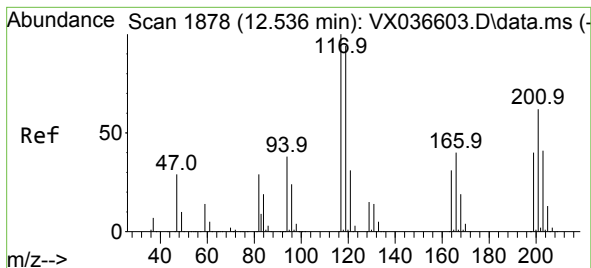


#89  
n-Butylbenzene  
Concen: 0.838 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VX036946.D  
Acq: 11 Aug 2023 17:15



Tgt Ion: 91 Resp: 4982  
Ion Ratio Lower Upper  
91 100  
92 48.1 27.4 82.0  
134 47.6 12.6 37.8#





#90

Hexachloroethane

Concen: 0.223 ug/l

RT: 12.549 min Scan# 1880

Delta R.T. 0.012 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

Instrument :

MSVOA\_X

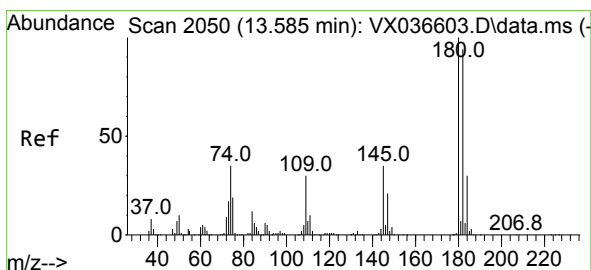
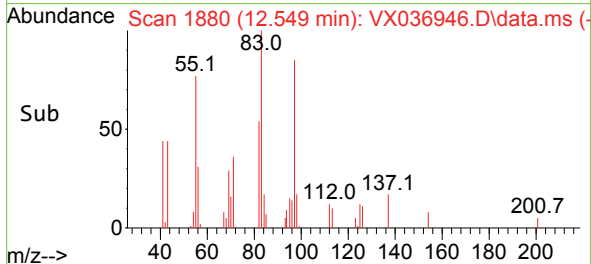
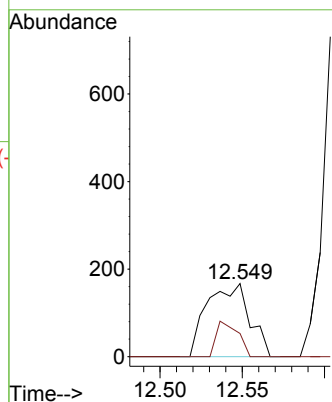
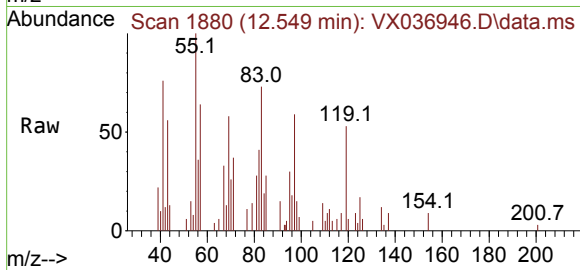
ClientSampleId :

Tgt Ion:117 Resp: 300

Ion Ratio Lower Upper

117 100

201 24.7 32.9 98.6#



#93

1,2,4-Trichlorobenzene

Concen: 0.454 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

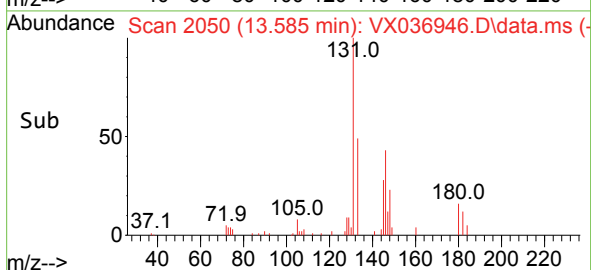
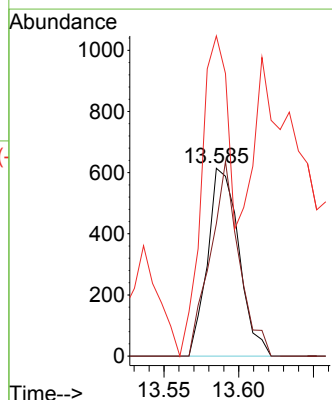
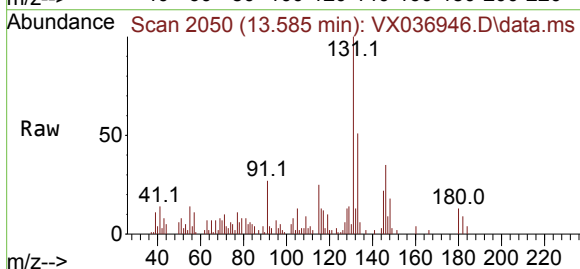
Tgt Ion:180 Resp: 897

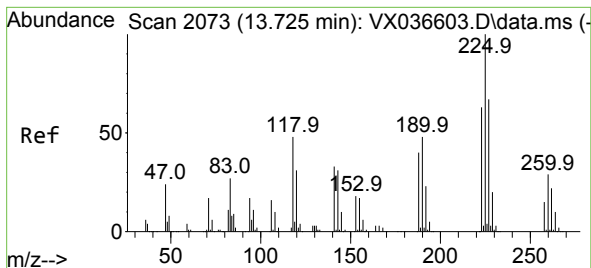
Ion Ratio Lower Upper

180 100

182 94.6 48.3 144.8

145 155.9 18.0 54.0#





#94

Hexachlorobutadiene

Concen: 0.715 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

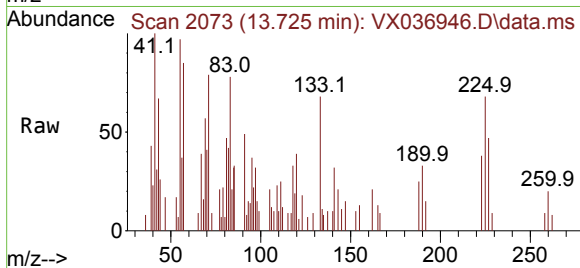
Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

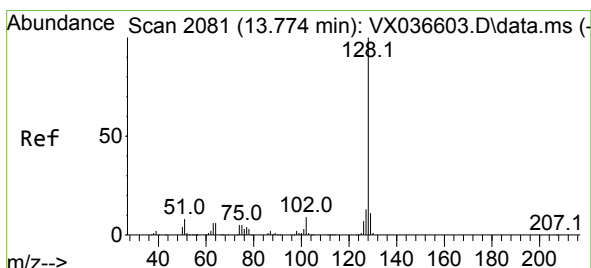
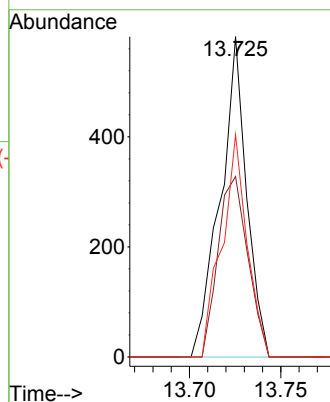
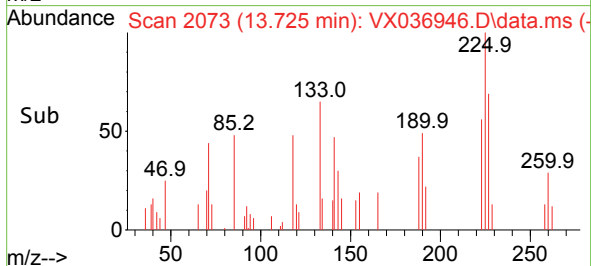
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 584  |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 63.7  | 31.1  | 93.2 |
| 227       | 66.6  | 32.5  | 97.5 |



#95

Naphthalene

Concen: 1.098 ug/l

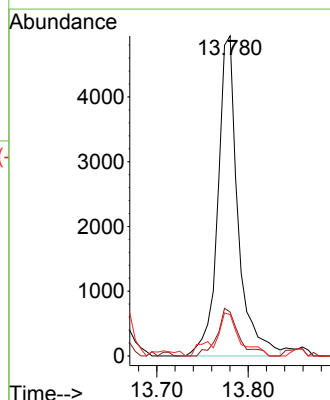
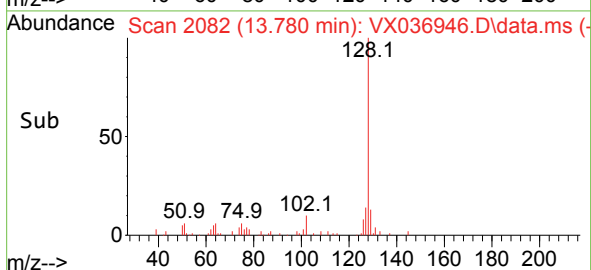
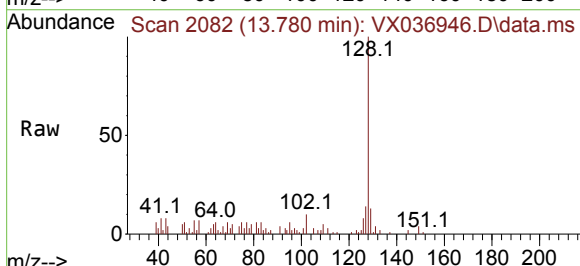
RT: 13.780 min Scan# 2082

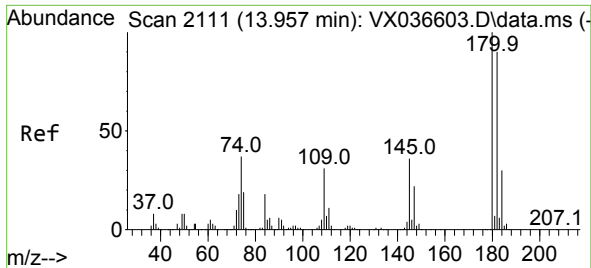
Delta R.T. 0.006 min

Lab File: VX036946.D

Acq: 11 Aug 2023 17:15

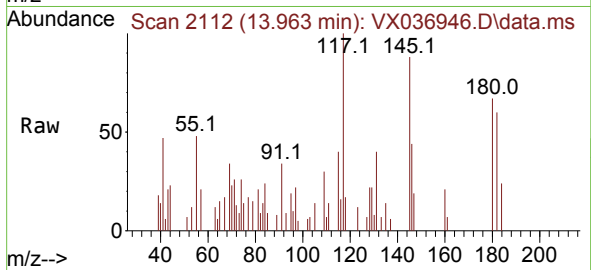
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 7557  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 15.7  | 10.3  | 15.5# |
| 129       | 16.6  | 8.8   | 13.2# |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.469 ug/l  
 RT: 13.963 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VX036946.D  
 Acq: 11 Aug 2023 17:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion:180 Resp: 913  
 Ion Ratio Lower Upper  
 180 100  
 182 97.0 46.9 140.6  
 145 184.3 17.8 53.5#

