

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111122\  
 Data File : VX032776.D  
 Acq On : 11 Nov 2022 15:47  
 Operator : JC/MD  
 Sample : N5559-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 002-35TH-AVE(NOV)

Quant Time: Nov 14 05:13:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X111022W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Nov 11 05:24:06 2022  
 Response via : Initial Calibration

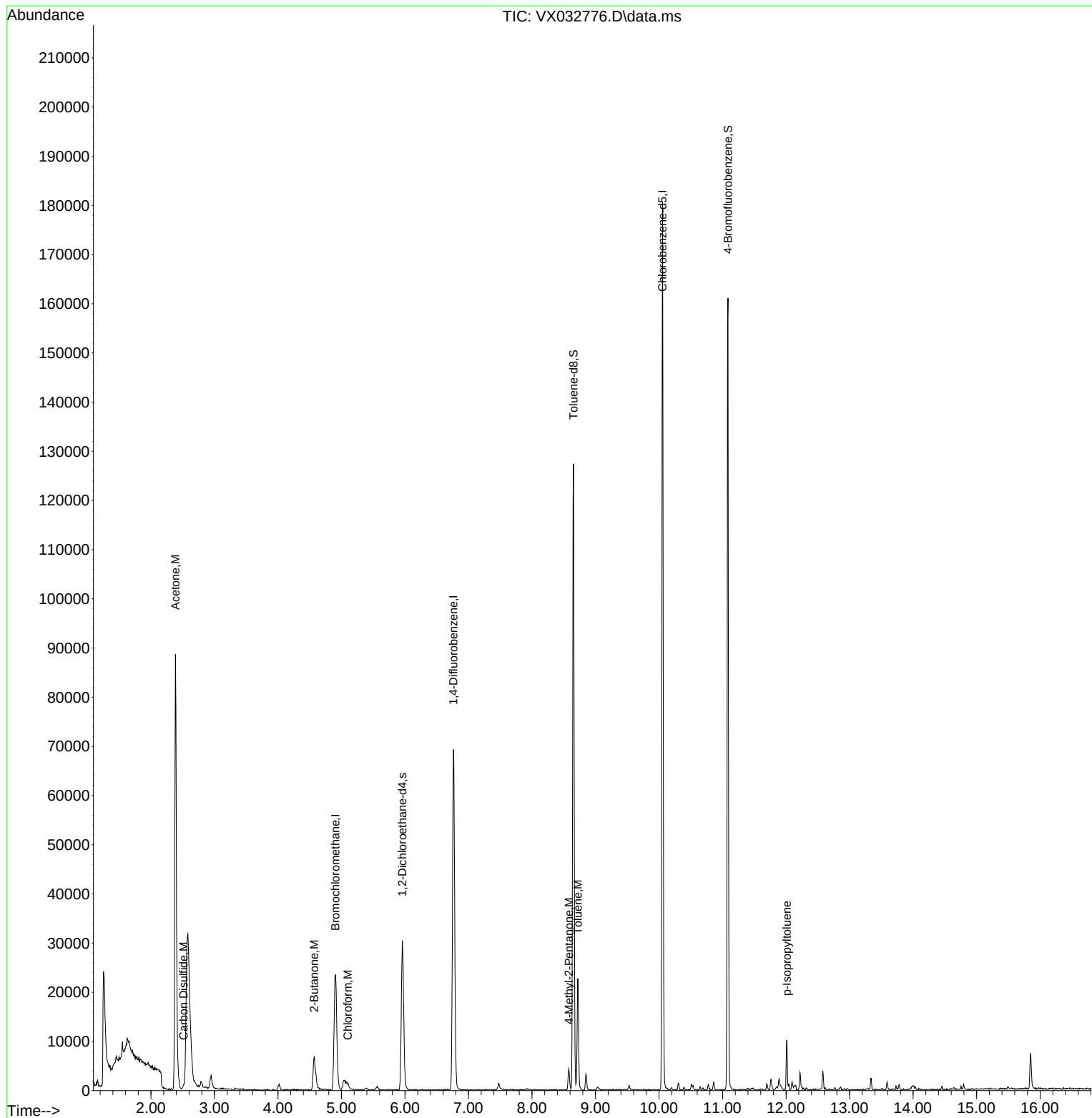
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 4.903  | 128   | 10220    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene     | 6.763  | 114   | 71066    | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 76601    | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4   | 5.958  | 65    | 29880    | 30.306   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =      | 101.033% |
| 60) 4-Bromofluorobenzene    | 11.085 | 95    | 40298    | 27.502   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =      | 91.667%  |
| 63) Toluene-d8              | 8.653  | 98    | 76907    | 29.750   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =      | 99.167%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 15) Acetone                 | 2.385  | 58    | 29600    | 215.609  | ug/l   | 81       |
| 16) Carbon Disulfide        | 2.513  | 76    | 1154     | 0.466    | ug/l # | 93       |
| 25) Chloroform              | 5.098  | 83    | 914      | 0.412    | ug/l   | 92       |
| 30) 2-Butanone              | 4.568  | 43    | 11536    | 15.697   | ug/l # | 88       |
| 58) 4-Methyl-2-Pentanone    | 8.579  | 43    | 2839     | 1.893    | ug/l # | 86       |
| 62) Toluene                 | 8.720  | 91    | 14974    | 3.006    | ug/l   | 97       |
| 82) p-Isopropyltoluene      | 12.012 | 119   | 4559     | 0.960    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

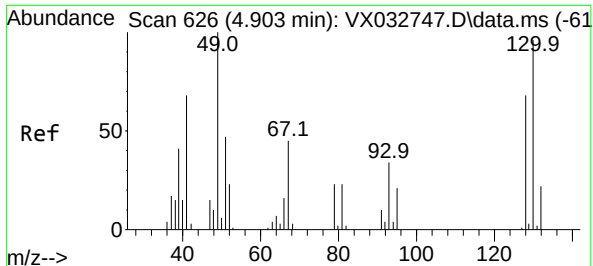
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111122\  
Data File : VX032776.D  
Acq On : 11 Nov 2022 15:47  
Operator : JC/MD  
Sample : N5559-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
002-35TH-AVE(NOV)

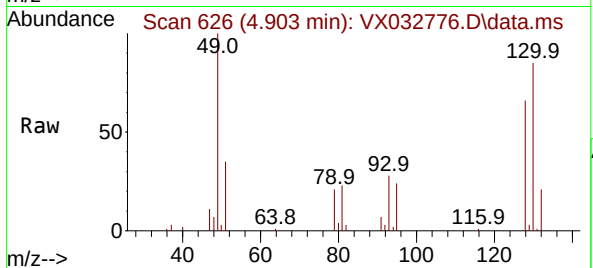
Quant Time: Nov 14 05:13:34 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X111022W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Nov 11 05:24:06 2022  
Response via : Initial Calibration



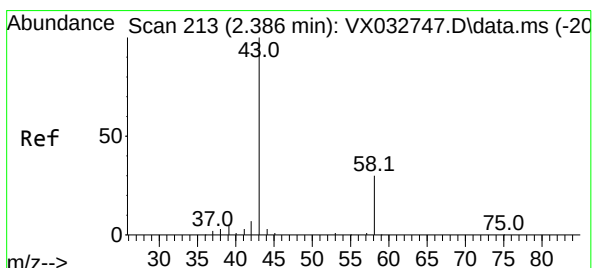
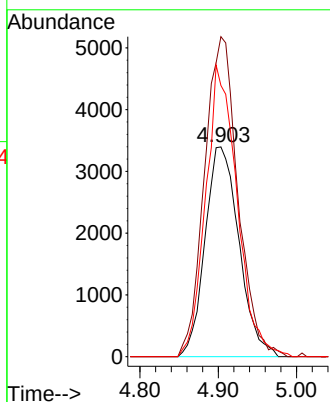
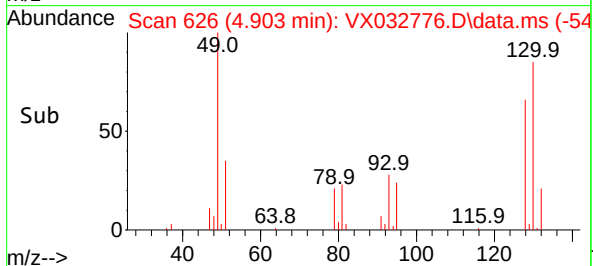


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.903 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX032776.D  
Acq: 11 Nov 2022 15:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
002-35TH-AVE(NOV)

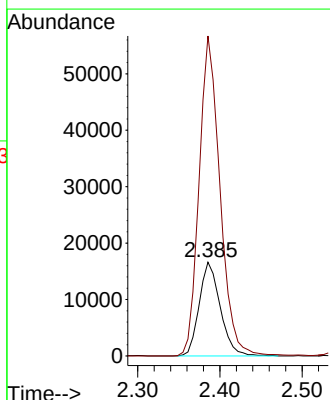
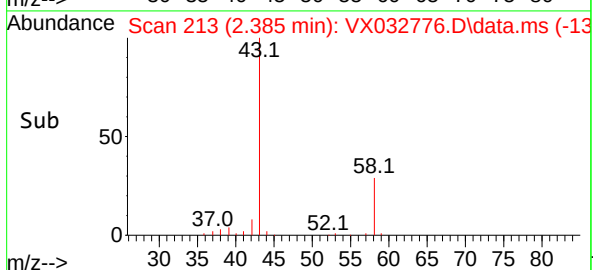
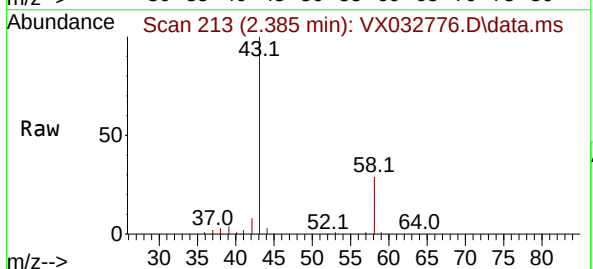


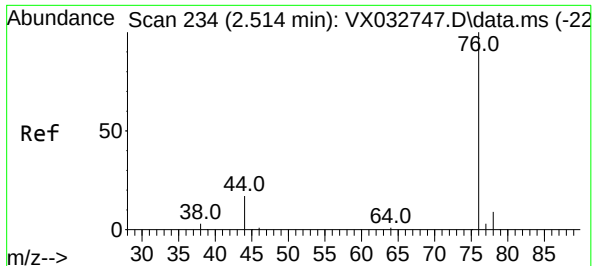
Tgt Ion:128 Resp: 10220  
Ion Ratio Lower Upper  
128 100  
49 149.5 0.0 293.0  
130 129.1 0.0 321.5



#15  
Acetone  
Concen: 215.609 ug/l  
RT: 2.385 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX032776.D  
Acq: 11 Nov 2022 15:47

Tgt Ion: 58 Resp: 29600  
Ion Ratio Lower Upper  
58 100  
43 340.6 242.6 364.0

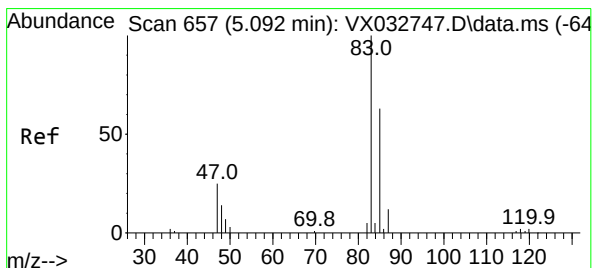
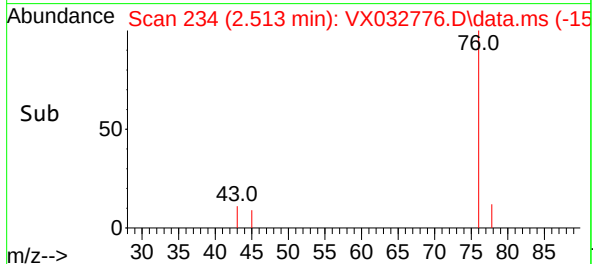
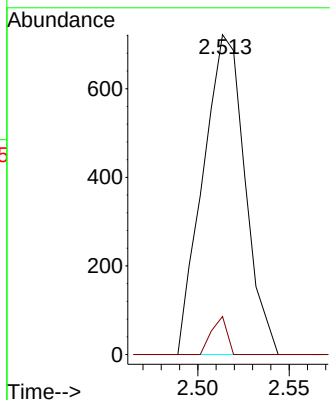
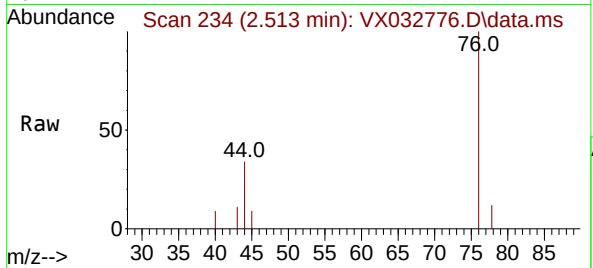




#16  
Carbon Disulfide  
Concen: 0.466 ug/l  
RT: 2.513 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX032776.D  
Acq: 11 Nov 2022 15:47

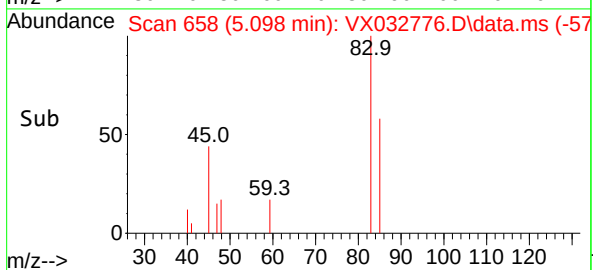
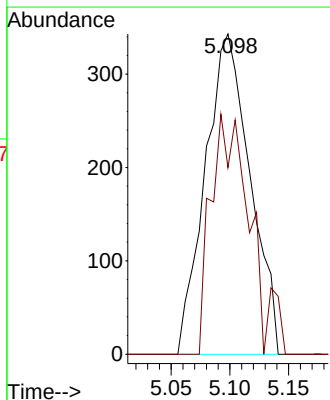
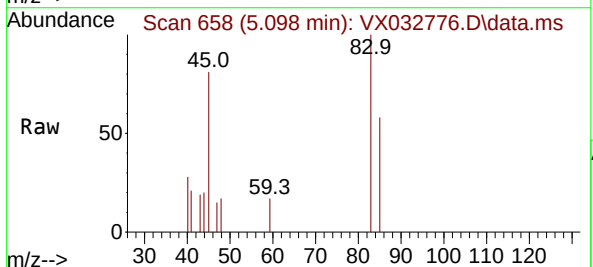
Instrument :  
MSVOA\_X  
ClientSampleId :  
002-35TH-AVE(NOV)

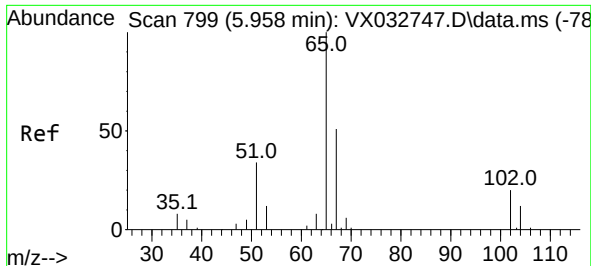
Tgt Ion: 76 Resp: 1154  
Ion Ratio Lower Upper  
76 100  
78 11.9 7.5 11.3#



#25  
Chloroform  
Concen: 0.412 ug/l  
RT: 5.098 min Scan# 658  
Delta R.T. 0.006 min  
Lab File: VX032776.D  
Acq: 11 Nov 2022 15:47

Tgt Ion: 83 Resp: 914  
Ion Ratio Lower Upper  
83 100  
85 58.3 51.4 77.0





#27

1,2-Dichloroethane-d4

Concen: 30.306 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032776.D

Acq: 11 Nov 2022 15:47

Instrument :

MSVOA\_X

ClientSampleId :

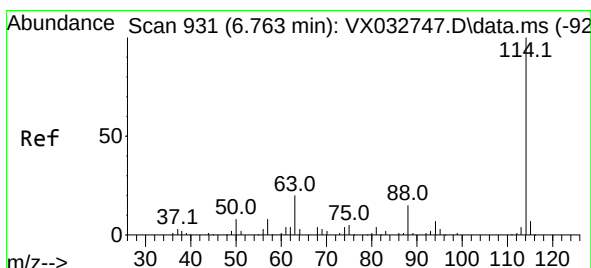
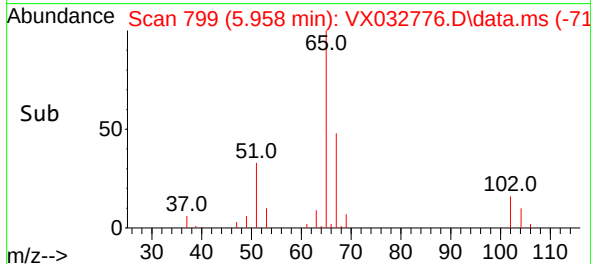
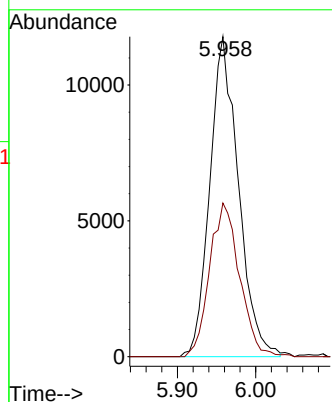
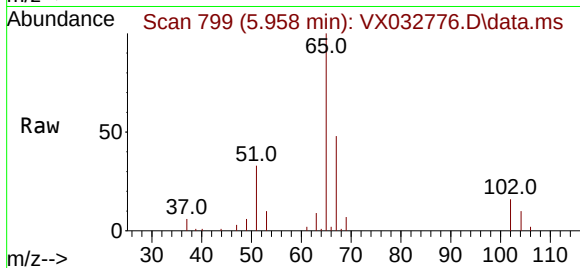
002-35TH-AVE(NOV)

Tgt Ion: 65 Resp: 29880

Ion Ratio Lower Upper

65 100

67 50.3 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032776.D

Acq: 11 Nov 2022 15:47

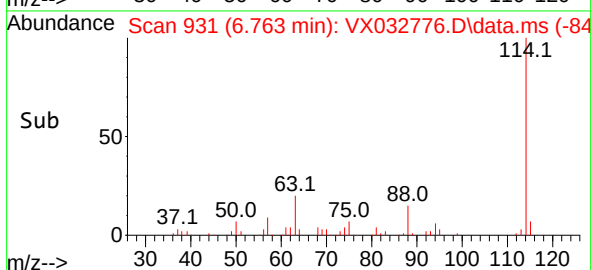
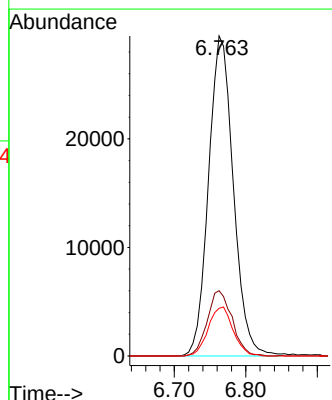
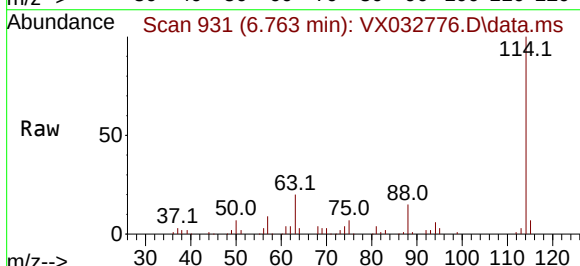
Tgt Ion: 114 Resp: 71066

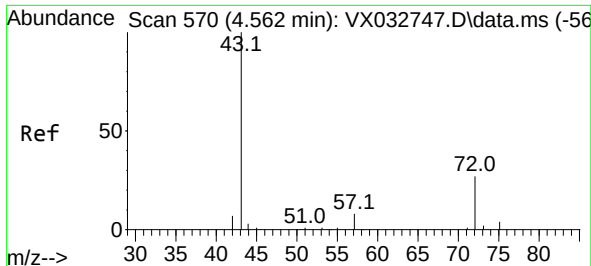
Ion Ratio Lower Upper

114 100

63 20.3 13.6 20.4

88 15.3 11.8 17.6

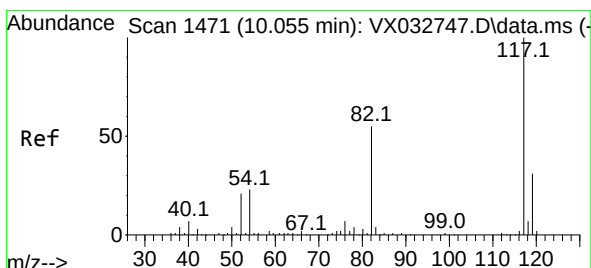
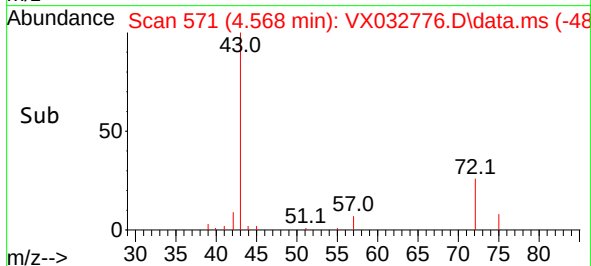
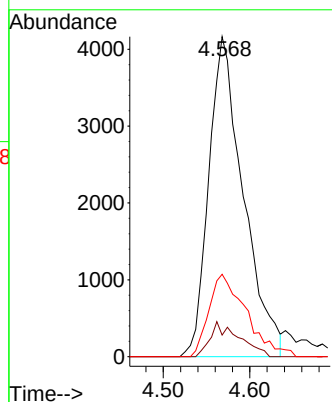
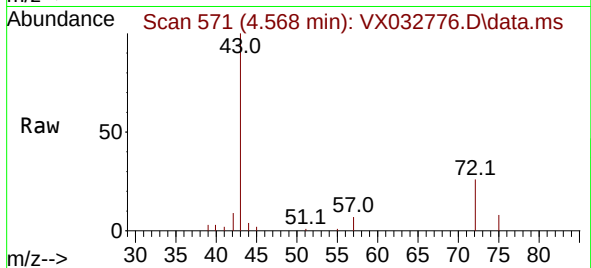




#30  
2-Butanone  
Concen: 15.697 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX032776.D  
Acq: 11 Nov 2022 15:47

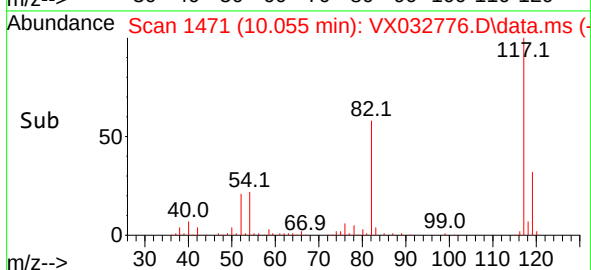
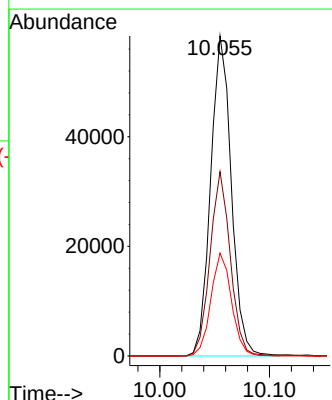
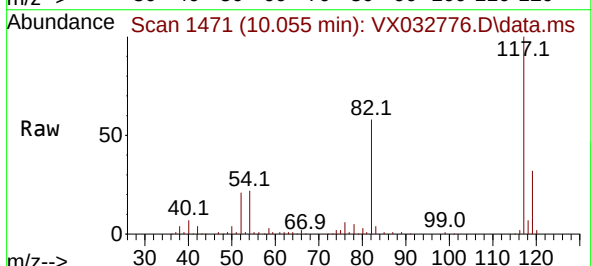
Instrument :  
MSVOA\_X  
ClientSampleId :  
002-35TH-AVE(NOV)

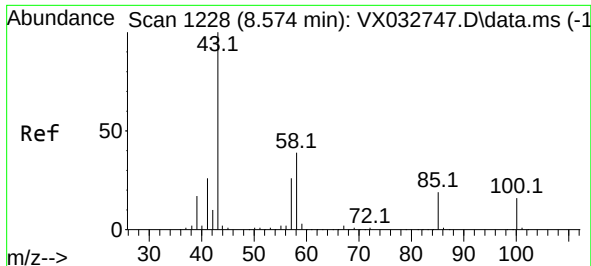
Tgt Ion: 43 Resp: 11536  
Ion Ratio Lower Upper  
43 100  
57 3.9 7.5 11.3#  
72 27.0 26.6 39.8



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX032776.D  
Acq: 11 Nov 2022 15:47

Tgt Ion: 117 Resp: 76601  
Ion Ratio Lower Upper  
117 100  
82 56.4 40.0 60.0  
119 32.0 26.0 39.0





#58

4-Methyl-2-Pentanone

Concen: 1.893 ug/l

RT: 8.579 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032776.D

Acq: 11 Nov 2022 15:47

Instrument :

MSVOA\_X

ClientSampleId :

002-35TH-AVE(NOV)

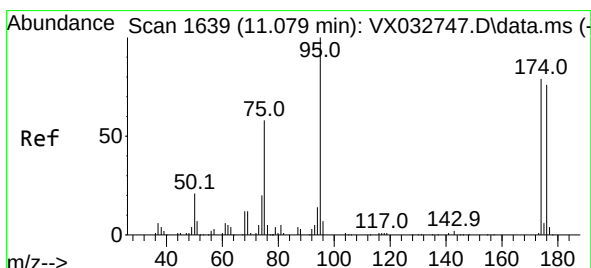
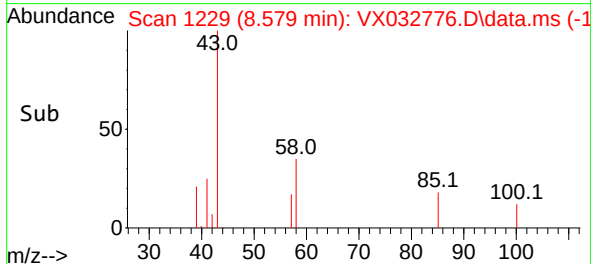
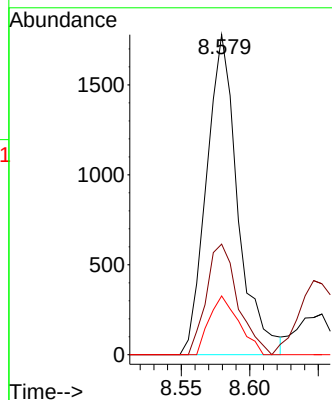
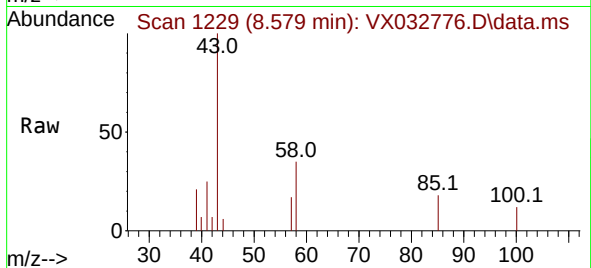
Tgt Ion: 43 Resp: 2839

Ion Ratio Lower Upper

43 100

58 34.6 34.9 52.3#

85 17.3 19.4 29.2#



#60

4-Bromofluorobenzene

Concen: 27.502 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX032776.D

Acq: 11 Nov 2022 15:47

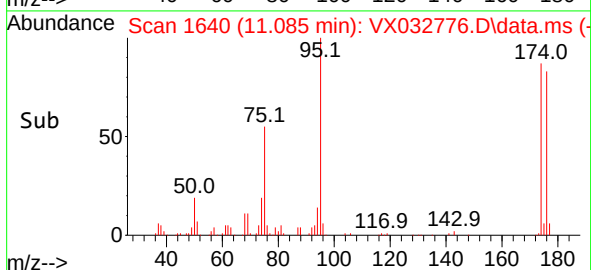
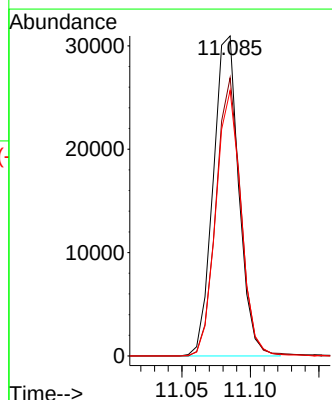
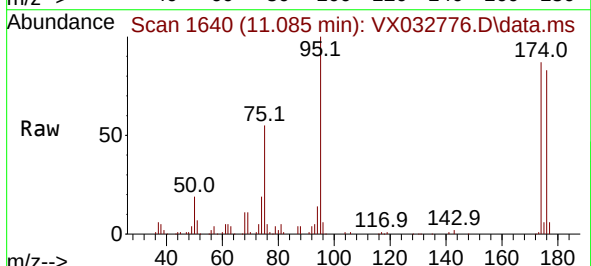
Tgt Ion: 95 Resp: 40298

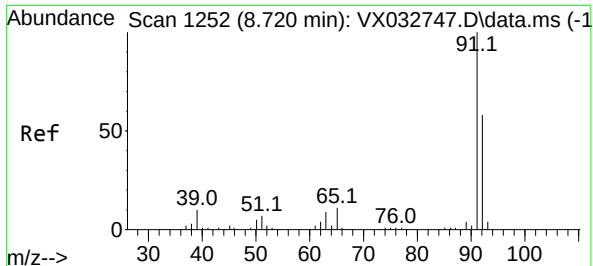
Ion Ratio Lower Upper

95 100

174 83.9 68.2 102.2

176 81.5 68.1 102.1





#62

Toluene

Concen: 3.006 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032776.D

Acq: 11 Nov 2022 15:47

Instrument :

MSVOA\_X

ClientSampleId :

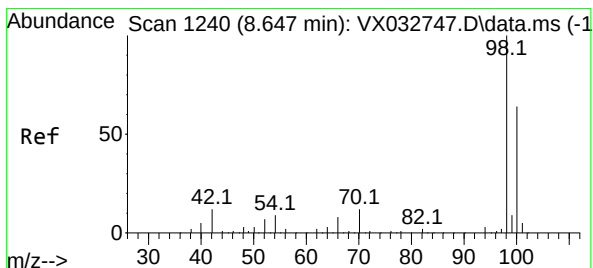
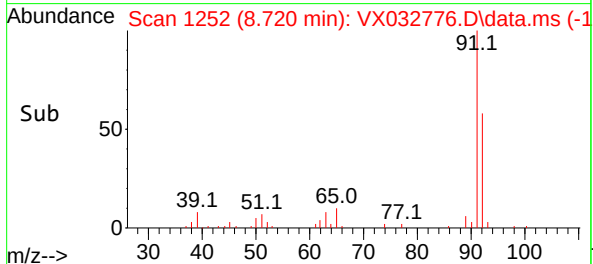
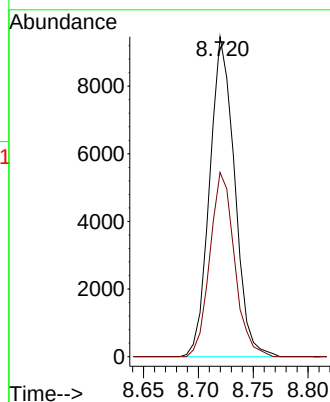
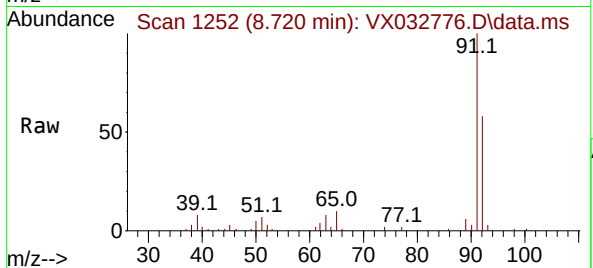
002-35TH-AVE(NOV)

Tgt Ion: 91 Resp: 14974

Ion Ratio Lower Upper

91 100

92 57.0 47.3 70.9



#63

Toluene-d8

Concen: 29.750 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX032776.D

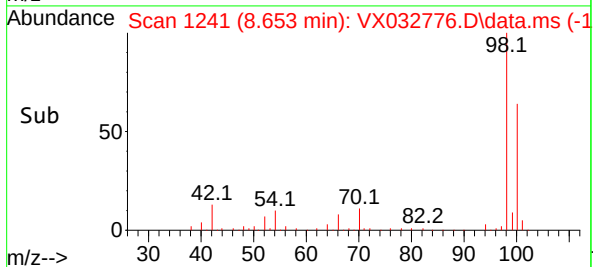
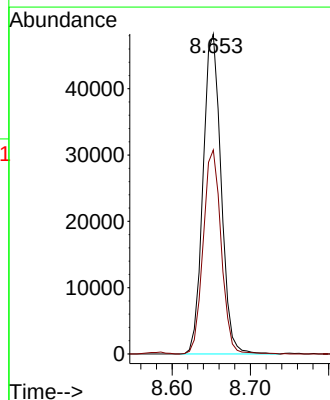
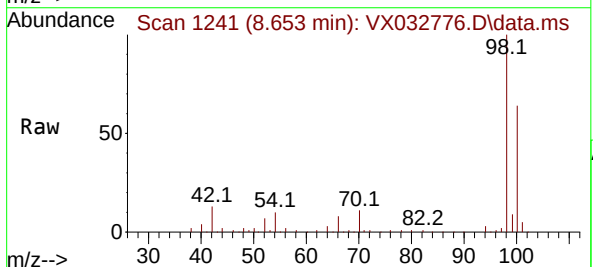
Acq: 11 Nov 2022 15:47

Tgt Ion: 98 Resp: 76907

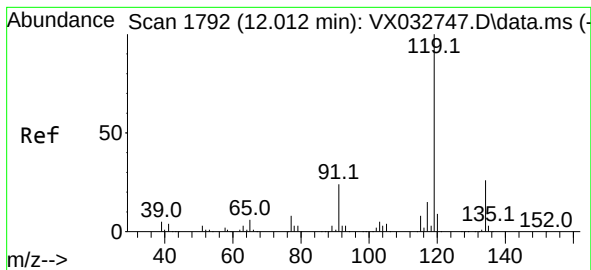
Ion Ratio Lower Upper

98 100

100 63.5 53.8 80.8







#82  
 p-Isopropyltoluene  
 Concen: 0.960 ug/l  
 RT: 12.012 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX032776.D  
 Acq: 11 Nov 2022 15:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 002-35TH-AVE(NOV)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.4  | 0.0   | 55.4  |
| 91      | 25.9  | 0.0   | 45.6  |

