

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032322\  
 Data File : VX027674.D  
 Acq On : 23 Mar 2022 17:48  
 Operator : JC/MD  
 Sample : N1905-18  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-14A-1A-4

Quant Time: Mar 23 18:38:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 15:02:59 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 354675   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 587729   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 532178   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 249503   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 208671   | 47.759   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 95.520% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 188220   | 49.776   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 99.560% |
| 50) Toluene-d8              | 8.653  | 98    | 683533   | 47.769   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 95.540% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 248813   | 47.309   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 94.620% |

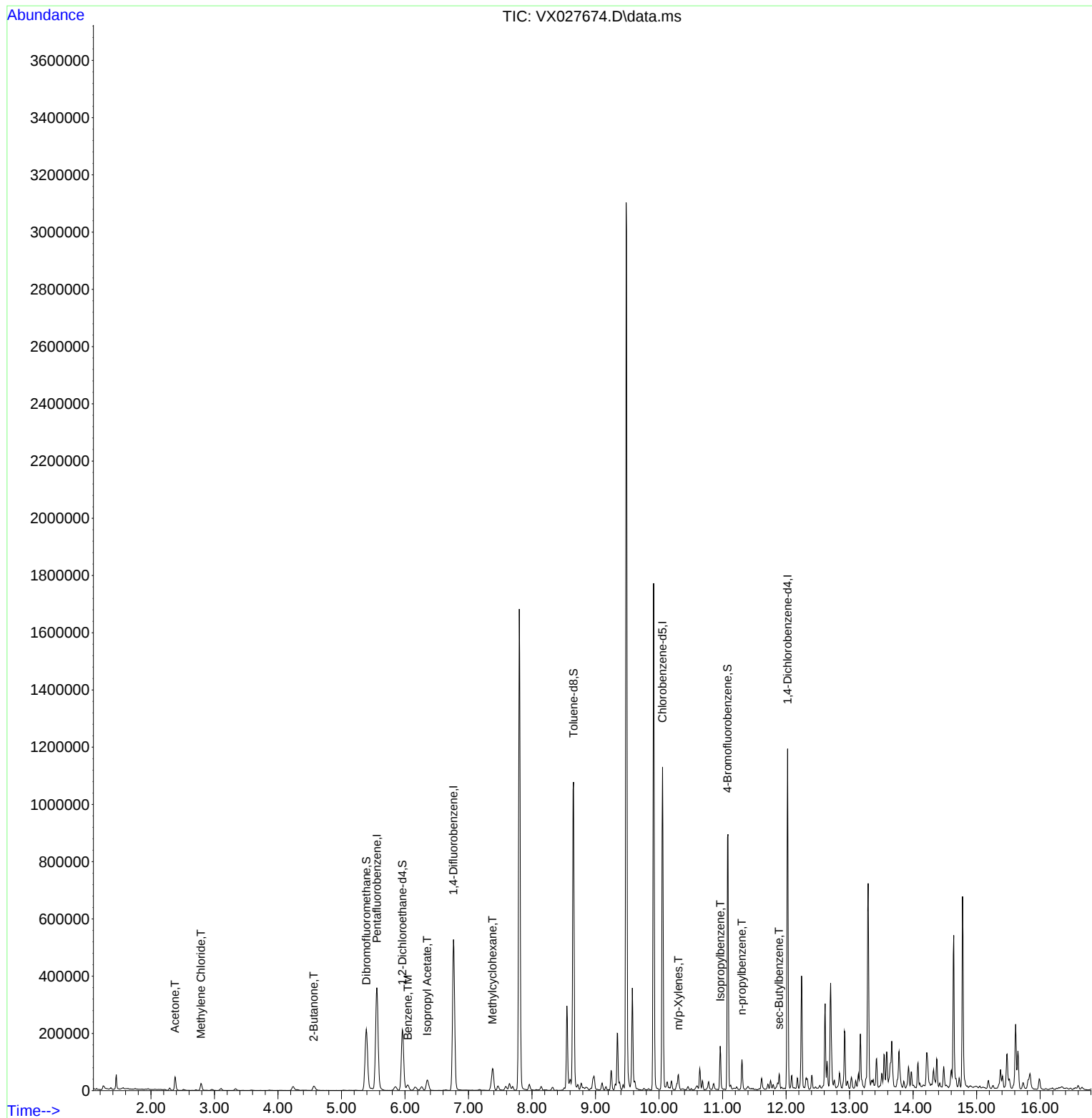
| Target Compounds       |        |     |       |        |      | Qvalue |
|------------------------|--------|-----|-------|--------|------|--------|
| 16) Acetone            | 2.380  | 43  | 47873 | 26.881 | ug/l | 94     |
| 20) Methylene Chloride | 2.788  | 84  | 10526 | 2.749  | ug/l | 88     |
| 25) 2-Butanone         | 4.562  | 43  | 26964 | 10.063 | ug/l | 98     |
| 39) Methylcyclohexane  | 7.379  | 83  | 35148 | 5.409  | ug/l | 92     |
| 40) Benzene            | 6.044  | 78  | 22726 | 1.533  | ug/l | 96     |
| 43) Isopropyl Acetate  | 6.348  | 43  | 28663 | 3.459  | ug/l | 96     |
| 68) m/p-Xylenes        | 10.305 | 106 | 10984 | 1.489  | ug/l | 98     |
| 73) Isopropylbenzene   | 10.964 | 105 | 79529 | 4.376  | ug/l | 99     |
| 78) n-propylbenzene    | 11.305 | 91  | 63921 | 3.204  | ug/l | 100    |
| 85) sec-Butylbenzene   | 11.890 | 105 | 25916 | 1.415  | ug/l | 78     |

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

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MSVOA\_X  
ClientSampleId :  
WC-14A-1A-4

Quant Time: Mar 23 18:38:55 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 17 15:02:59 2022  
Response via : Initial Calibration

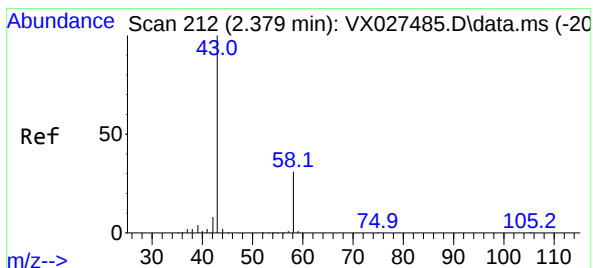
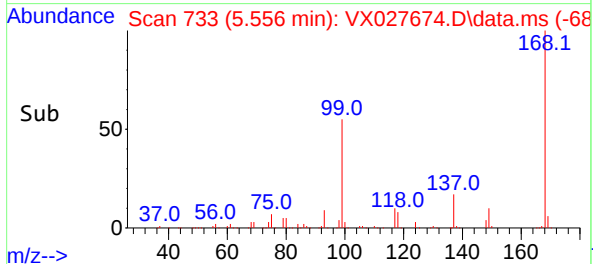
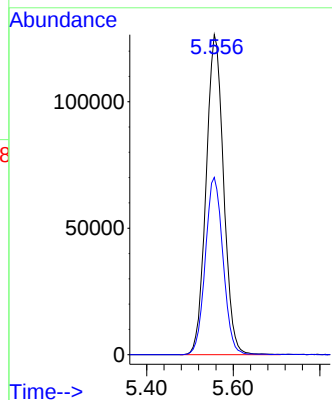
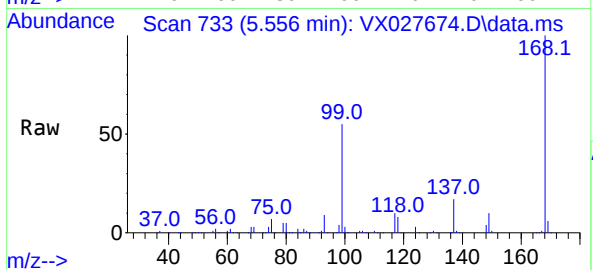




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

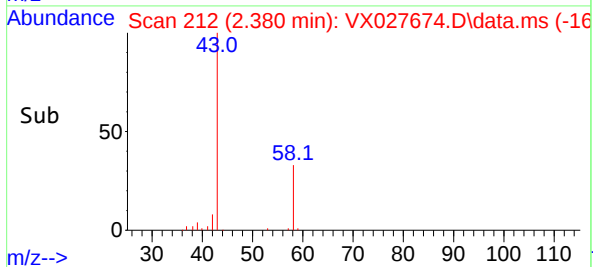
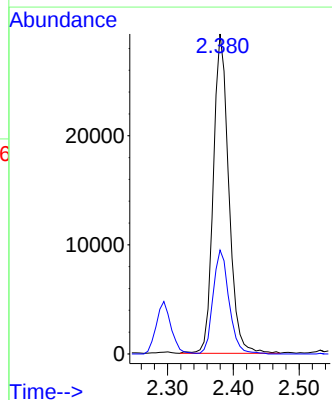
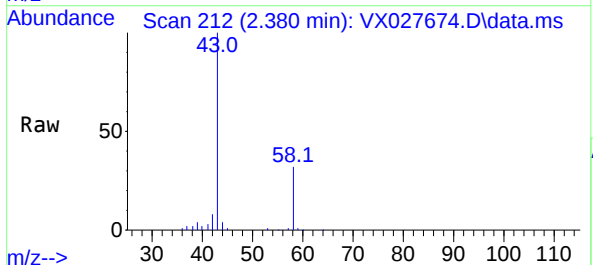
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-14A-1A-4

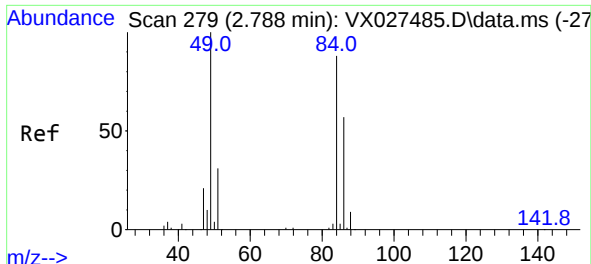
Tgt Ion:168 Resp: 354675  
Ion Ratio Lower Upper  
168 100  
99 55.4 41.7 62.5



#16  
Acetone  
Concen: 26.881 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

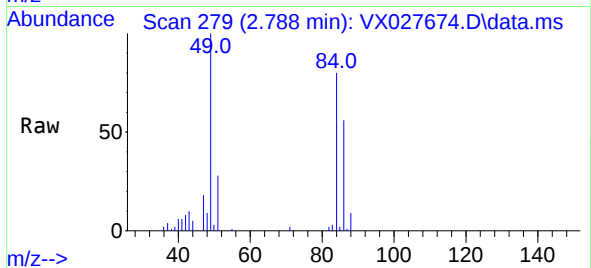
Tgt Ion: 43 Resp: 47873  
Ion Ratio Lower Upper  
43 100  
58 32.5 28.8 43.2





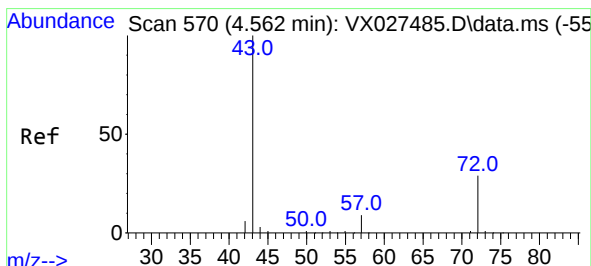
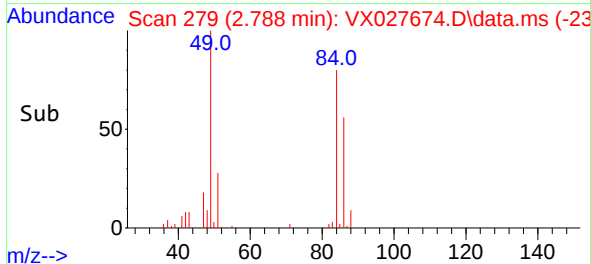
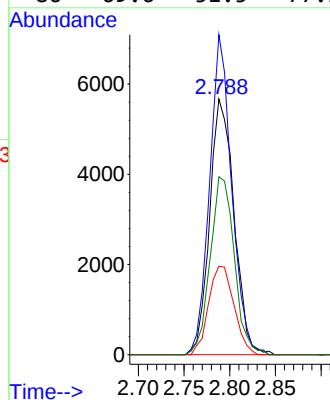
#20  
Methylene Chloride  
Concen: 2.749 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-14A-1A-4



Tgt Ion: 84 Resp: 10526

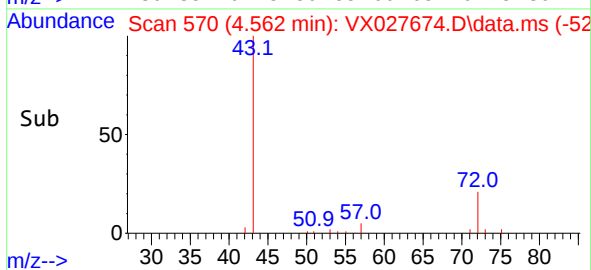
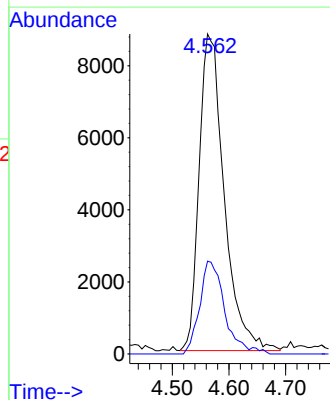
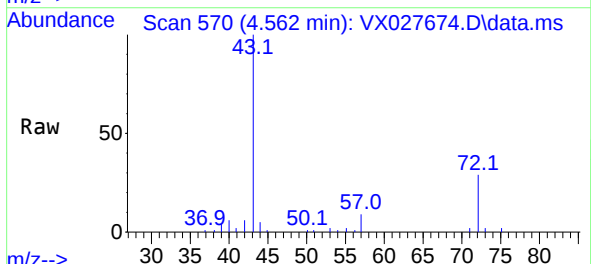
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 125.2 | 85.5  | 128.3 |
| 51  | 34.6  | 26.6  | 39.8  |
| 86  | 69.6  | 51.5  | 77.3  |

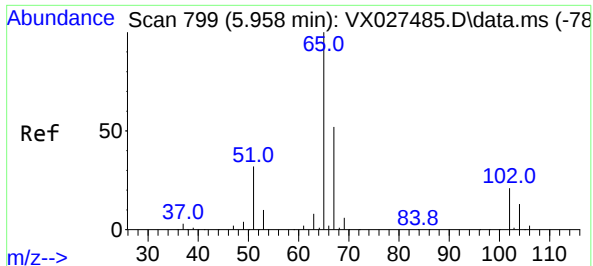


#25  
2-Butanone  
Concen: 10.063 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

Tgt Ion: 43 Resp: 26964

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 29.3  | 24.4  | 36.6  |

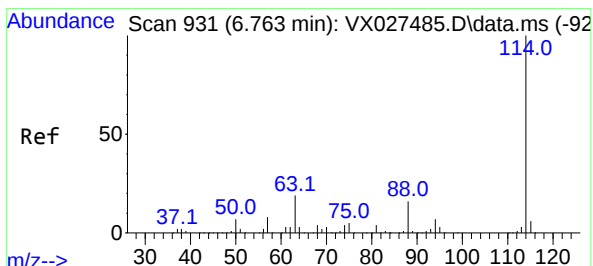
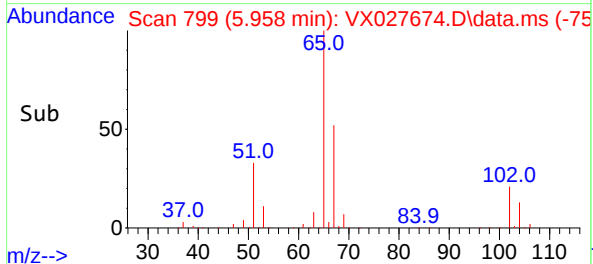
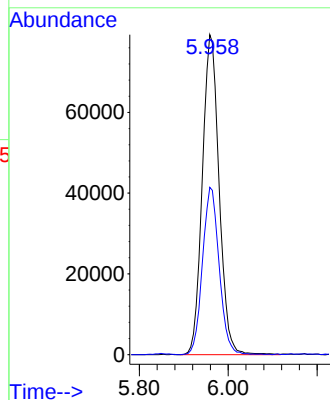
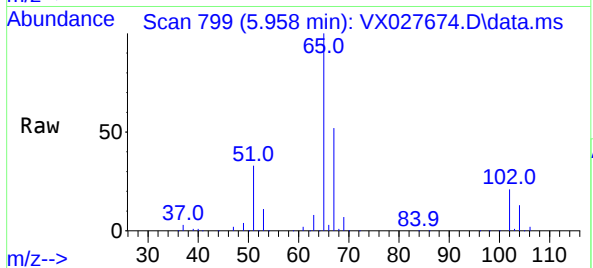




#33  
1,2-Dichloroethane-d4  
Concen: 47.759 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

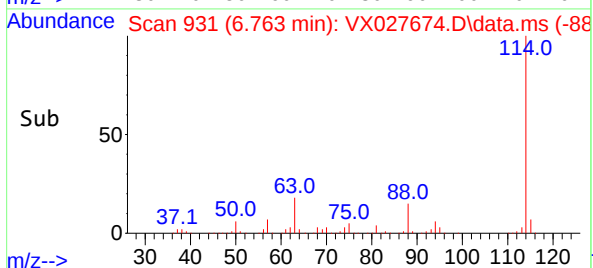
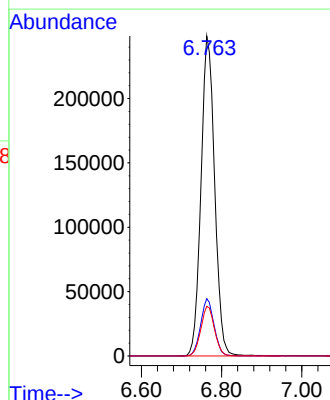
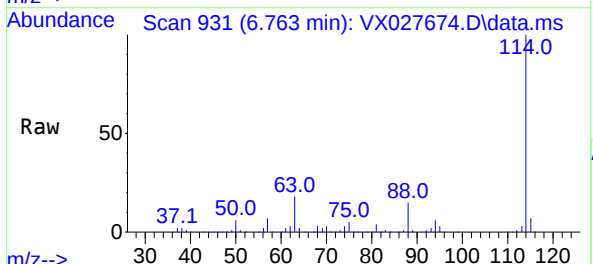
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-14A-1A-4

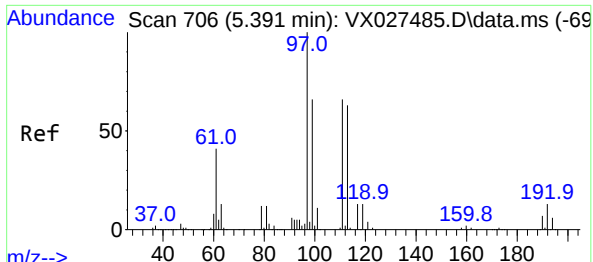
Tgt Ion: 65 Resp: 208671  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 107.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

Tgt Ion: 114 Resp: 587729  
Ion Ratio Lower Upper  
114 100  
63 17.9 0.0 36.8  
88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.776 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027674.D

Acq: 23 Mar 2022 17:48

Instrument :

MSVOA\_X

ClientSampleId :

WC-14A-1A-4

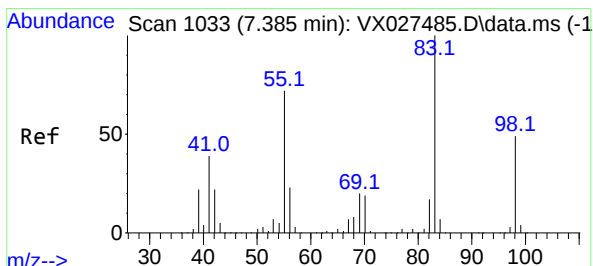
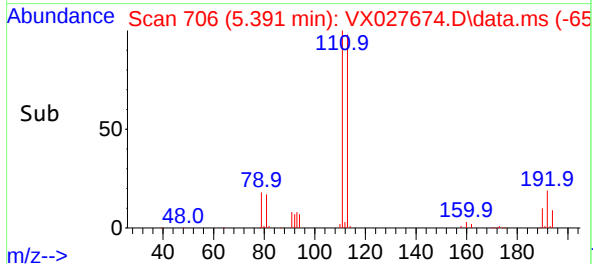
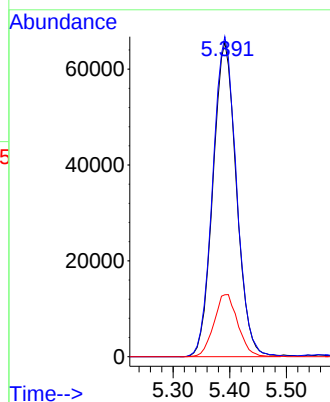
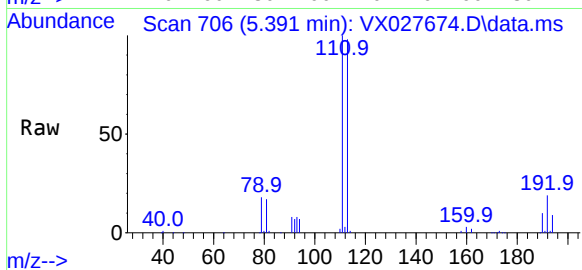
Tgt Ion:113 Resp: 188220

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 20.2 16.9 25.3



#39

Methylcyclohexane

Concen: 5.409 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX027674.D

Acq: 23 Mar 2022 17:48

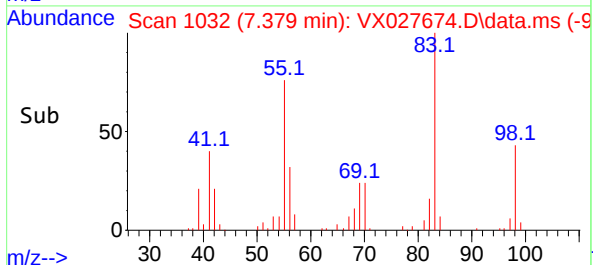
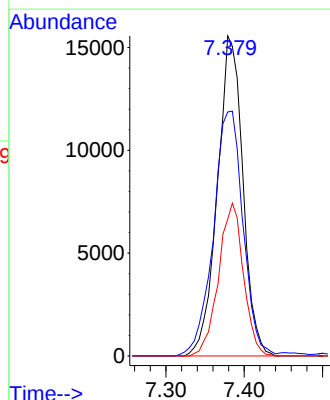
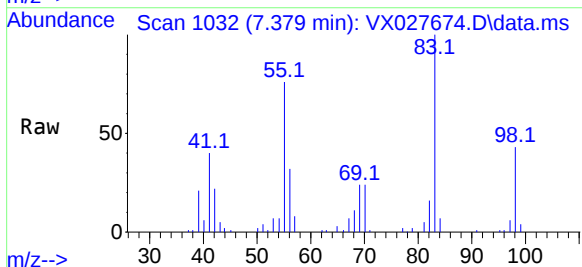
Tgt Ion: 83 Resp: 35148

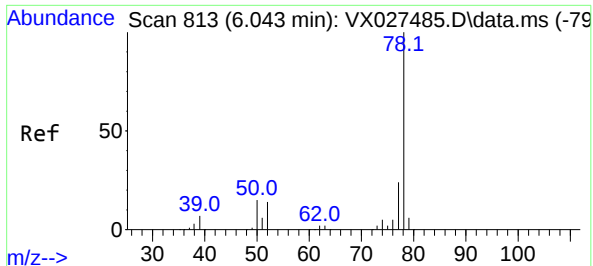
Ion Ratio Lower Upper

83 100

55 75.7 54.6 81.8

98 42.8 37.4 56.2





#40

Benzene

Concen: 1.533 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX027674.D

Acq: 23 Mar 2022 17:48

Instrument :

MSVOA\_X

ClientSampleId :

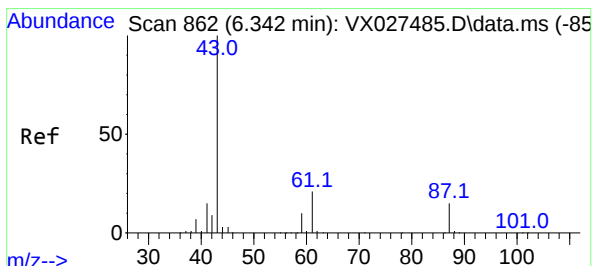
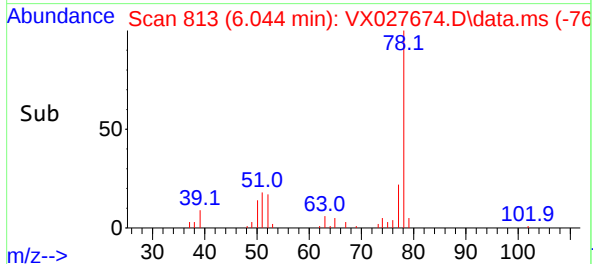
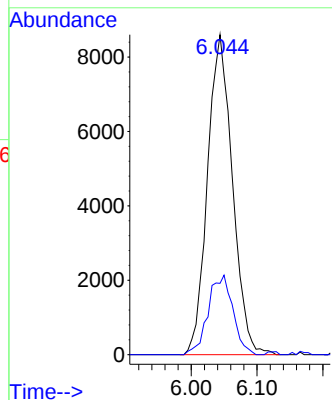
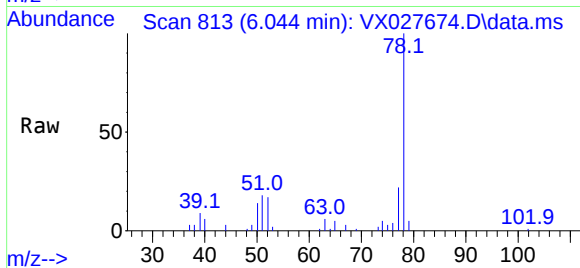
WC-14A-1A-4

Tgt Ion: 78 Resp: 22726

Ion Ratio Lower Upper

78 100

77 22.3 19.3 28.9



#43

Isopropyl Acetate

Concen: 3.459 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX027674.D

Acq: 23 Mar 2022 17:48

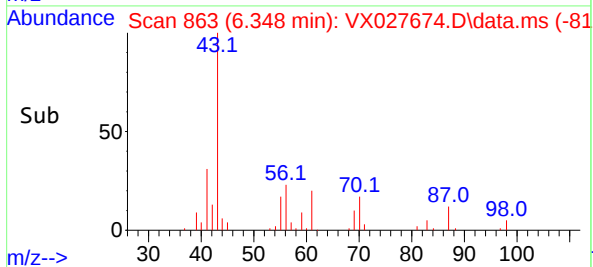
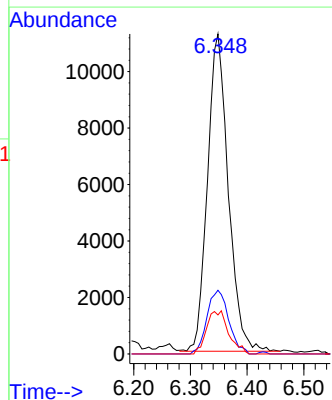
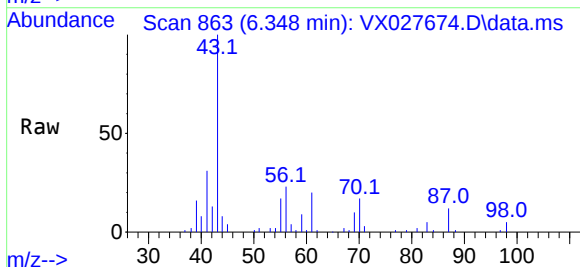
Tgt Ion: 43 Resp: 28663

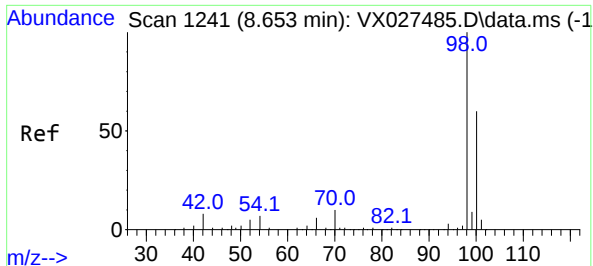
Ion Ratio Lower Upper

43 100

61 20.9 18.5 27.7

87 14.4 13.0 19.6

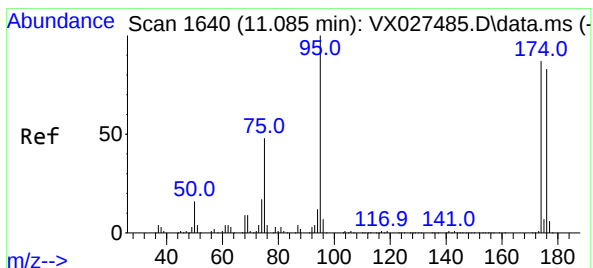
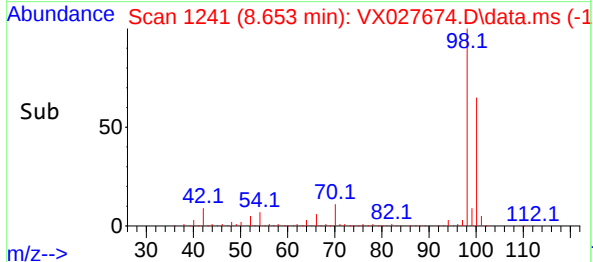
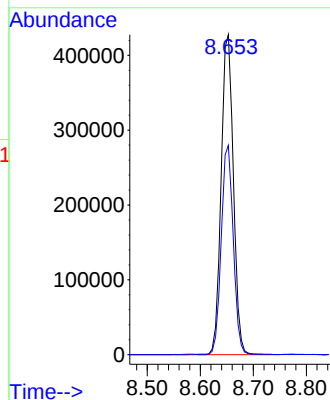
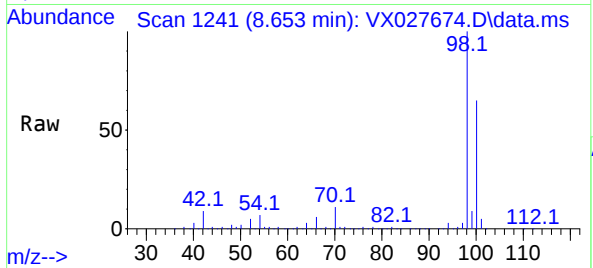




#50  
Toluene-d8  
Concen: 47.769 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

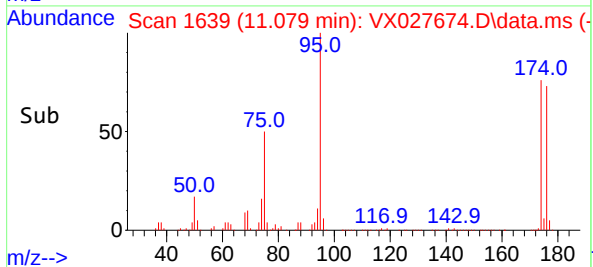
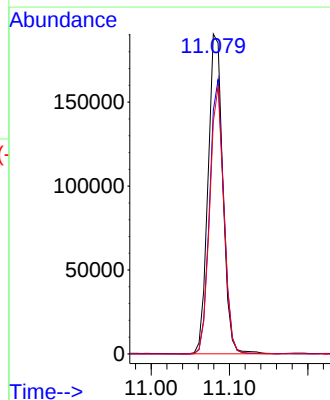
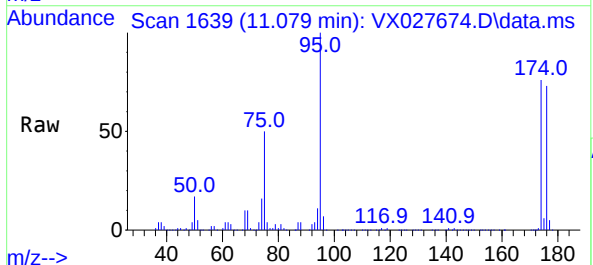
Instrument :  
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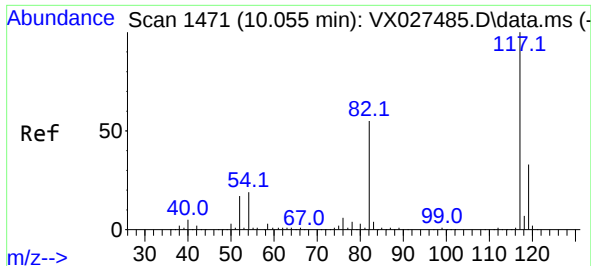
Tgt Ion: 98 Resp: 683533  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 47.309 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

Tgt Ion: 95 Resp: 248813  
Ion Ratio Lower Upper  
95 100  
174 82.7 0.0 163.0  
176 80.1 0.0 155.0

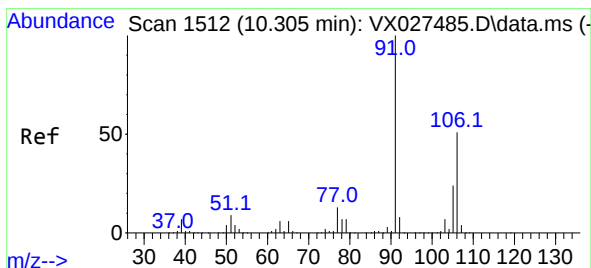
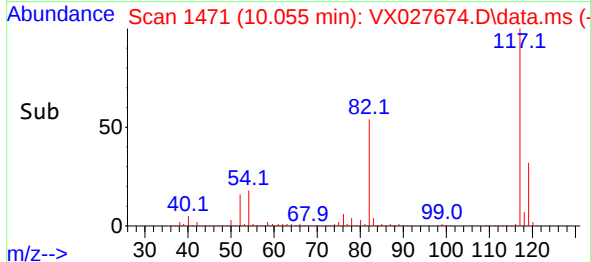
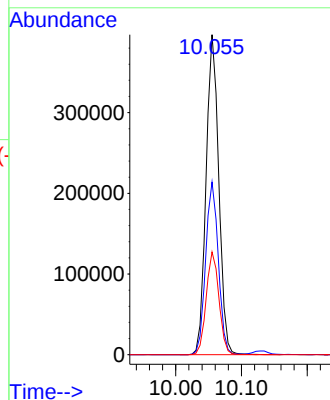
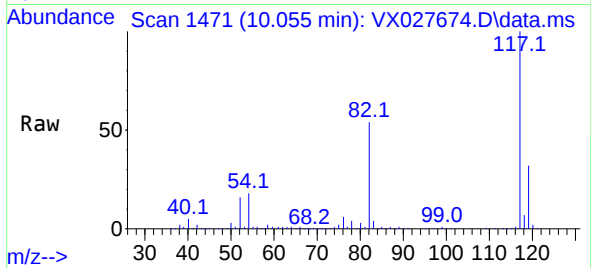




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

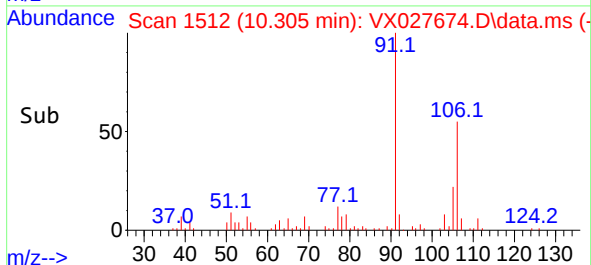
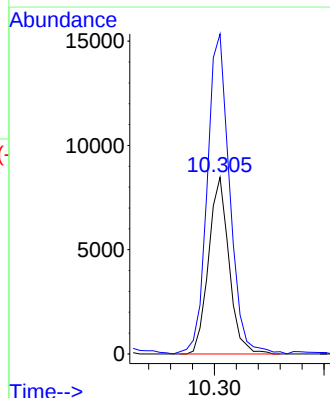
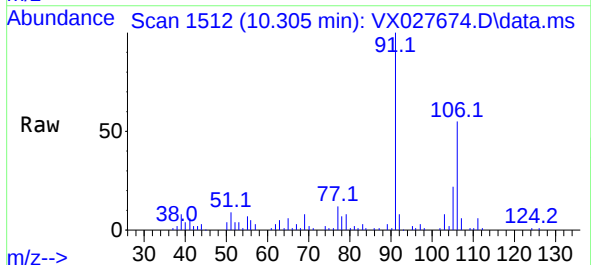
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-14A-1A-4

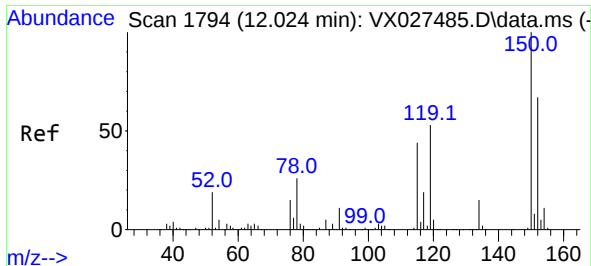
Tgt Ion:117 Resp: 532178  
Ion Ratio Lower Upper  
117 100  
82 53.9 41.8 62.8  
119 32.1 24.8 37.2



#68  
m/p-Xylenes  
Concen: 1.489 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

Tgt Ion:106 Resp: 10984  
Ion Ratio Lower Upper  
106 100  
91 197.9 160.4 240.6

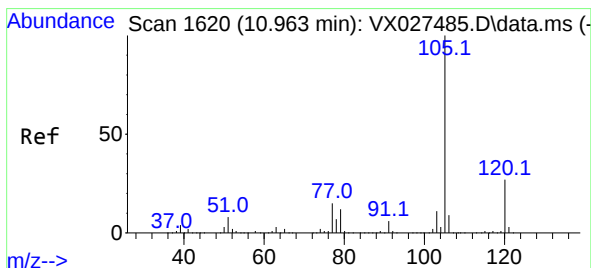
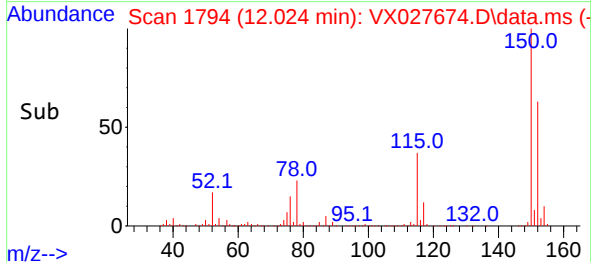
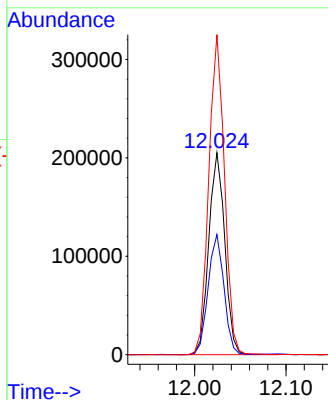
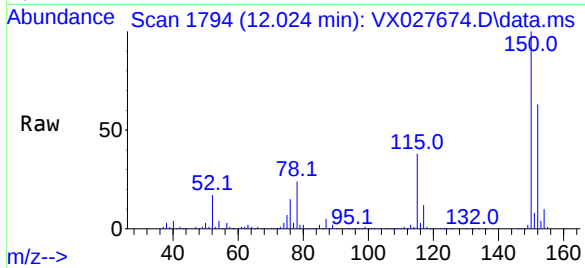




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

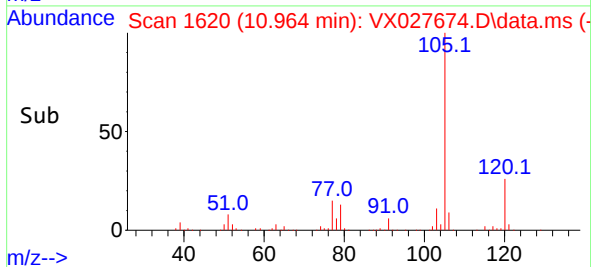
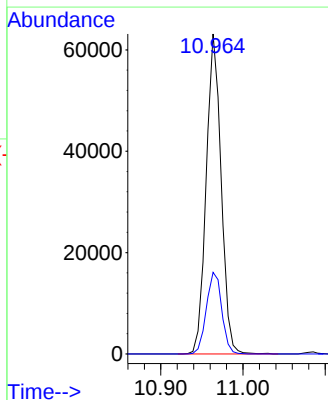
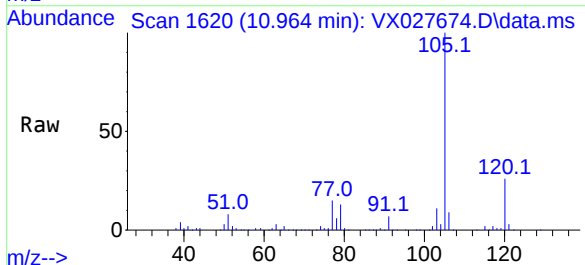
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-14A-1A-4

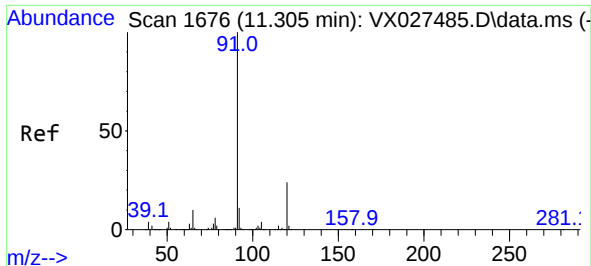
Tgt Ion:152 Resp: 249503  
Ion Ratio Lower Upper  
152 100  
115 58.8 37.5 112.7  
150 155.4 0.0 338.2



#73  
Isopropylbenzene  
Concen: 4.376 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

Tgt Ion:105 Resp: 79529  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.5 40.5

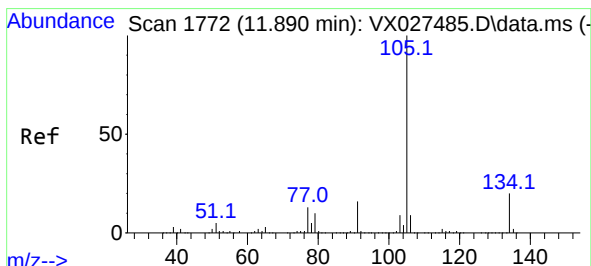
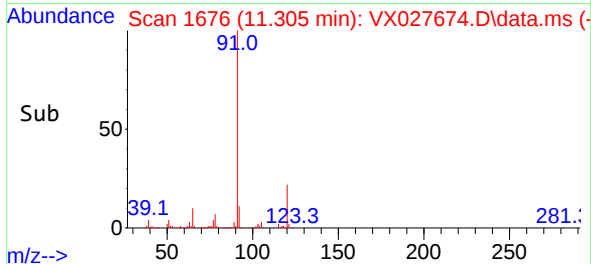
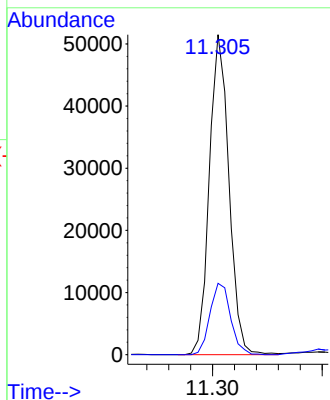
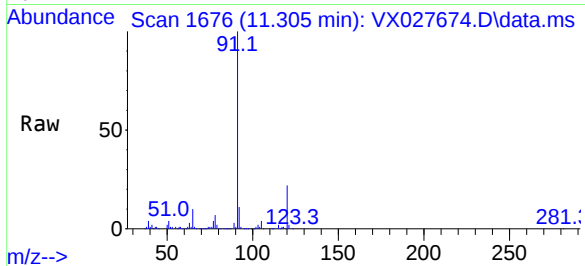




#78  
n-propylbenzene  
Concen: 3.204 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-14A-1A-4

Tgt Ion: 91 Resp: 63921  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.6 34.8



#85  
sec-Butylbenzene  
Concen: 1.415 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX027674.D  
Acq: 23 Mar 2022 17:48

Tgt Ion: 105 Resp: 25916  
Ion Ratio Lower Upper  
105 100  
134 30.3 10.2 30.4

