

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020122\  
 Data File : VX026715.D  
 Acq On : 01 Feb 2022 18:25  
 Operator : JC/MD  
 Sample : PB142403ZHE#08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB142403ZHE#08

Quant Time: Feb 02 04:37:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 11 14:45:13 2022  
 Response via : Initial Calibration

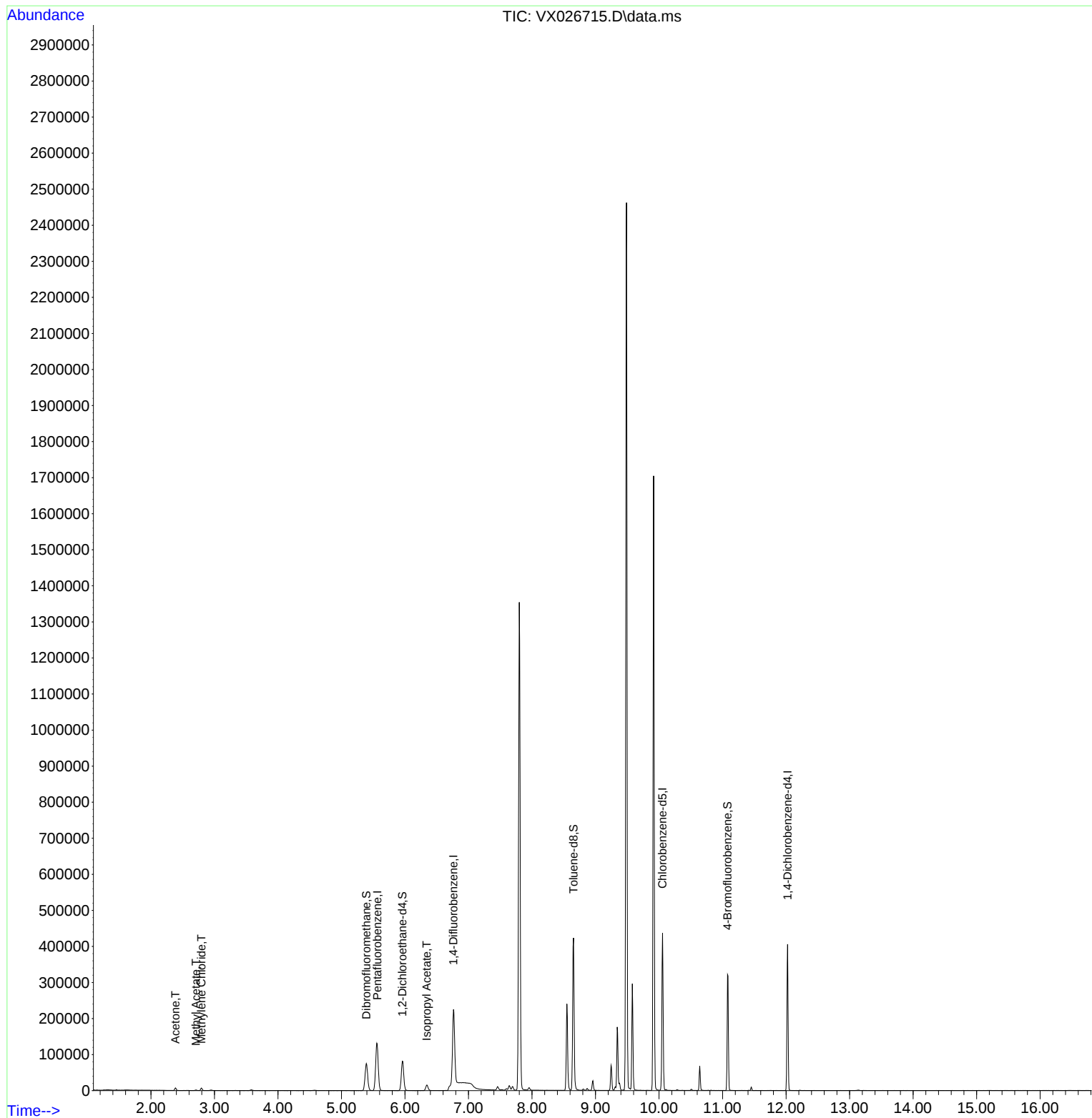
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 125155   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 212172   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 191464   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 83692    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 80174    | 45.858   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 91.720%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 65321    | 47.675   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.340%  |
| 50) Toluene-d8              | 8.653  | 98    | 249304   | 50.493   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.980% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 91809    | 52.344   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 104.680% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 7977     | 8.947    | ug/l   | 93       |
| 18) Methyl Acetate          | 2.709  | 43    | 2257     | 1.273    | ug/l # | 87       |
| 20) Methylene Chloride      | 2.794  | 84    | 3101     | 2.105    | ug/l   | 96       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 21946    | 6.209    | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

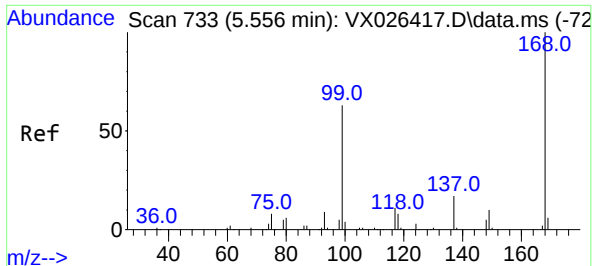
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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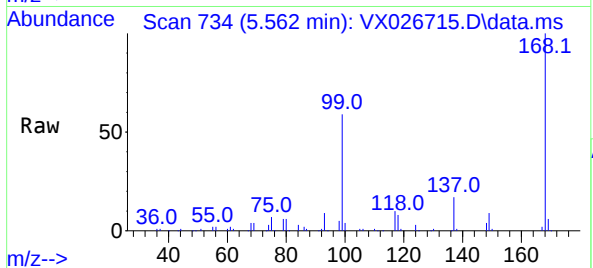
Quant Time: Feb 02 04:37:24 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 11 14:45:13 2022  
Response via : Initial Calibration



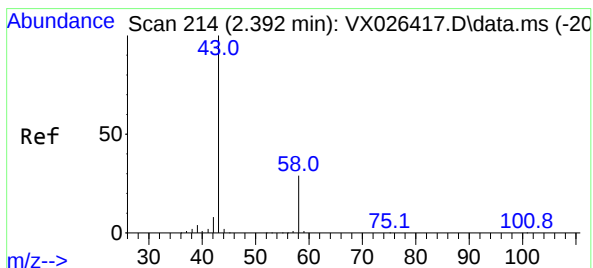
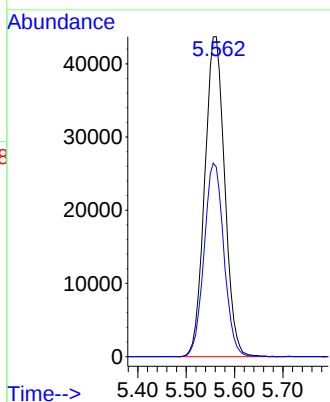
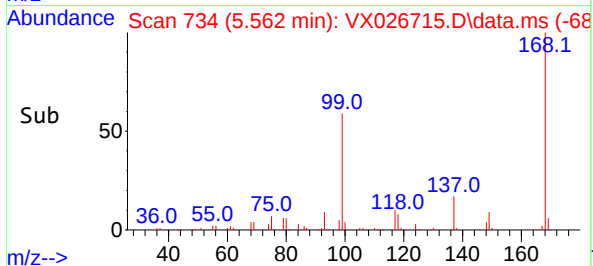


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX026715.D  
Acq: 01 Feb 2022 18:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142403ZHE#08

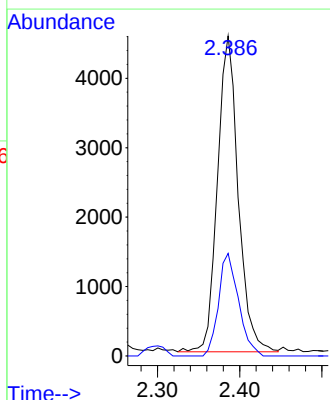
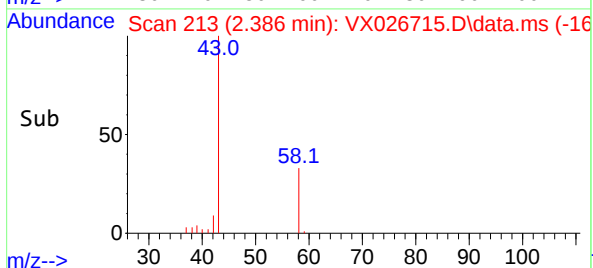
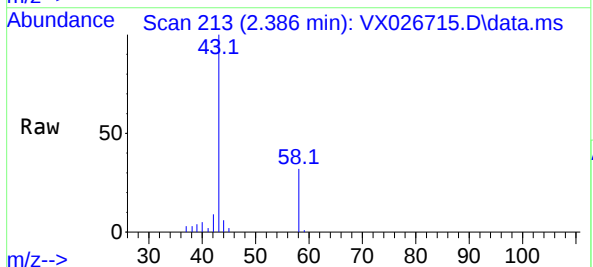


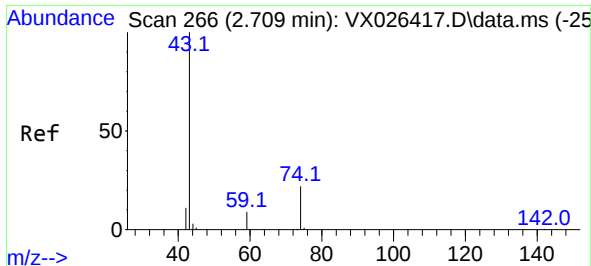
Tgt Ion:168 Resp: 125155  
Ion Ratio Lower Upper  
168 100  
99 59.3 50.3 75.5



#16  
Acetone  
Concen: 8.947 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX026715.D  
Acq: 01 Feb 2022 18:25

Tgt Ion: 43 Resp: 7977  
Ion Ratio Lower Upper  
43 100  
58 32.5 23.0 34.6

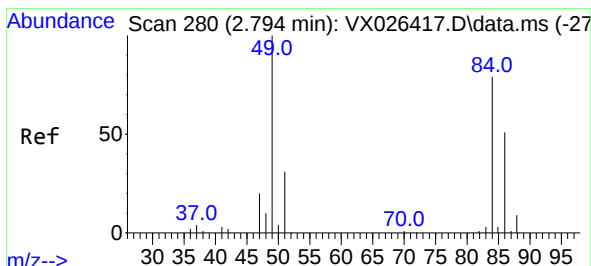
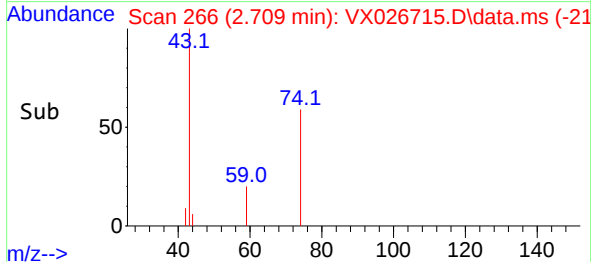
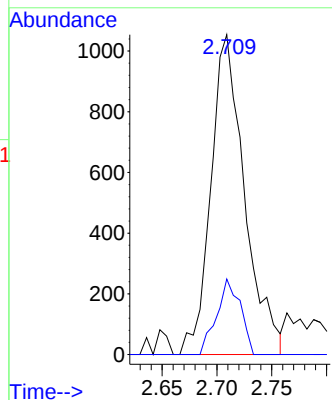
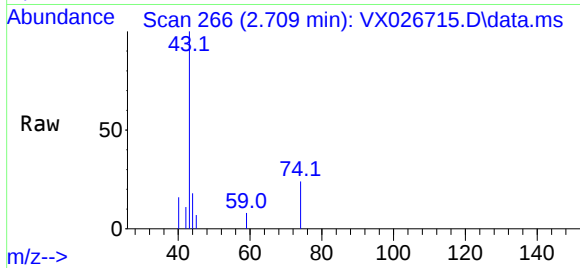




#18  
Methyl Acetate  
Concen: 1.273 ug/l  
RT: 2.709 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX026715.D  
Acq: 01 Feb 2022 18:25

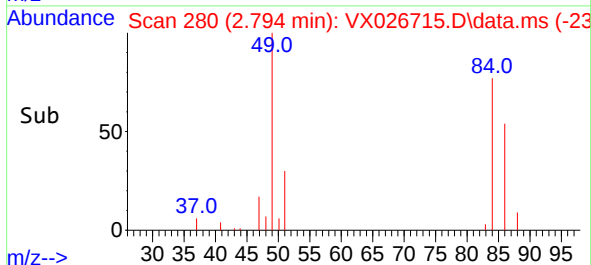
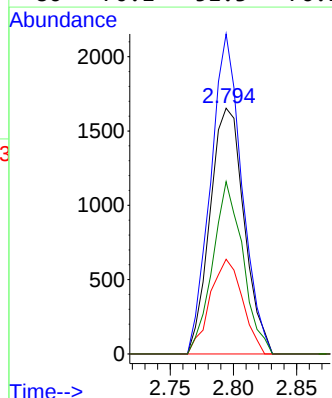
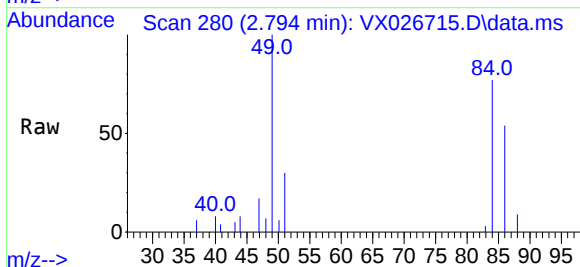
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142403ZHE#08

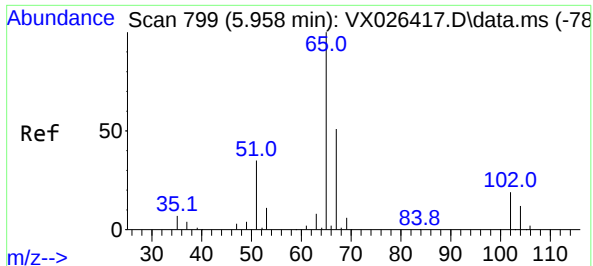
Tgt Ion: 43 Resp: 2257  
Ion Ratio Lower Upper  
43 100  
74 16.6 18.3 27.5#



#20  
Methylene Chloride  
Concen: 2.105 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX026715.D  
Acq: 01 Feb 2022 18:25

Tgt Ion: 84 Resp: 3101  
Ion Ratio Lower Upper  
84 100  
49 130.2 101.5 152.3  
51 38.5 31.2 46.8  
86 70.1 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 45.858 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026715.D

Acq: 01 Feb 2022 18:25

Instrument :

MSVOA\_X

ClientSampleId :

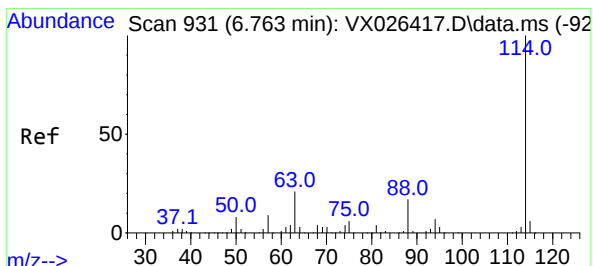
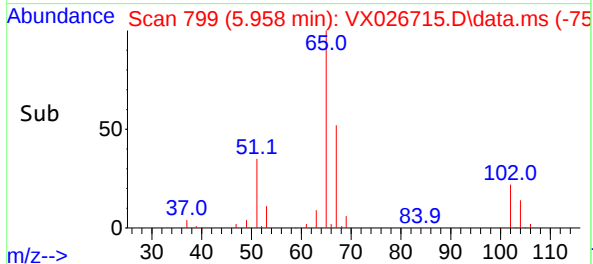
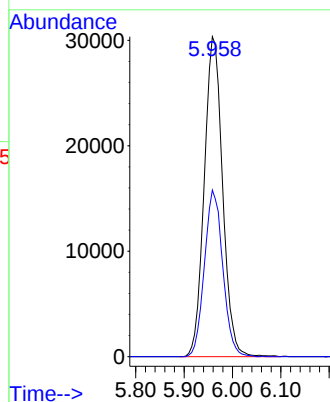
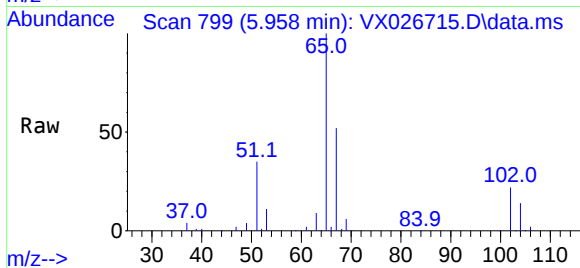
PB142403ZHE#08

Tgt Ion: 65 Resp: 80174

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026715.D

Acq: 01 Feb 2022 18:25

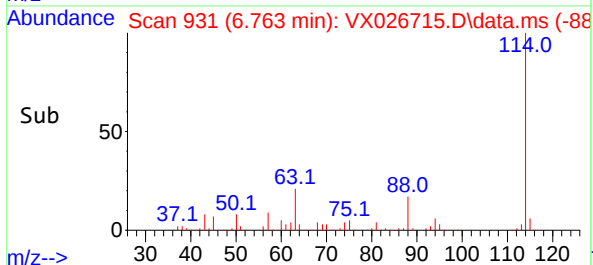
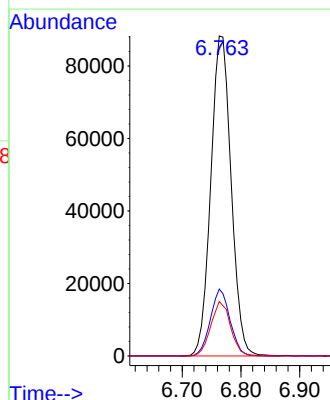
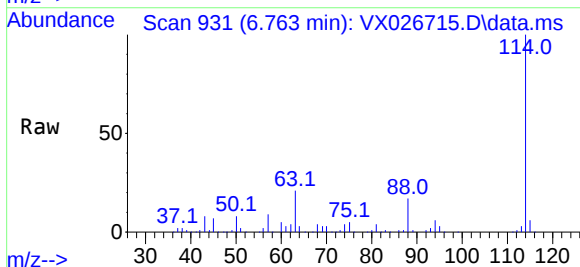
Tgt Ion: 114 Resp: 212172

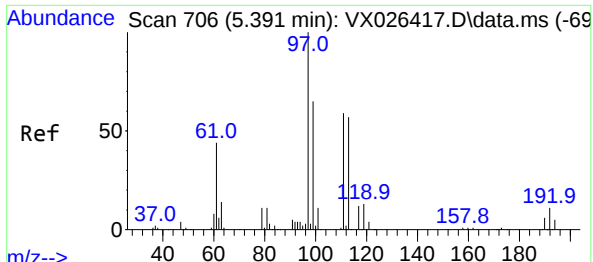
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

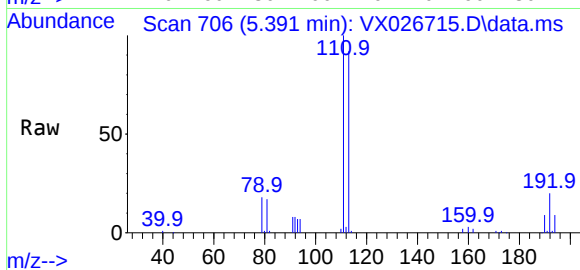
88 17.0 0.0 33.0





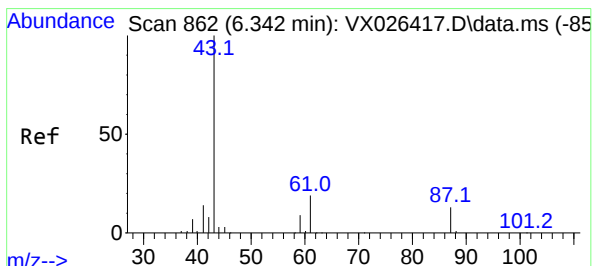
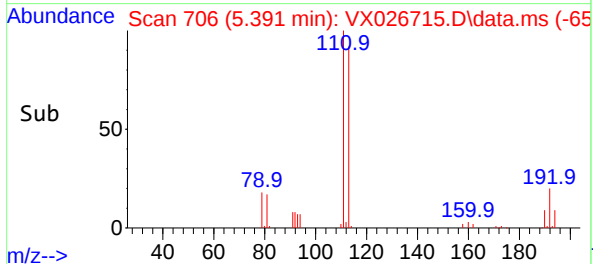
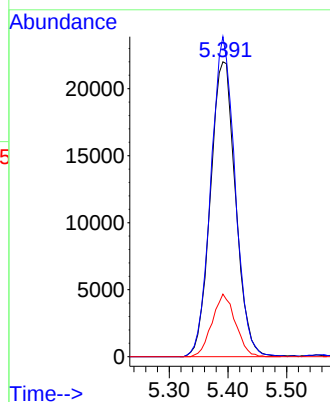
#35  
Dibromofluoromethane  
Concen: 47.675 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026715.D  
Acq: 01 Feb 2022 18:25

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Tgt Ion: 113 Resp: 65321

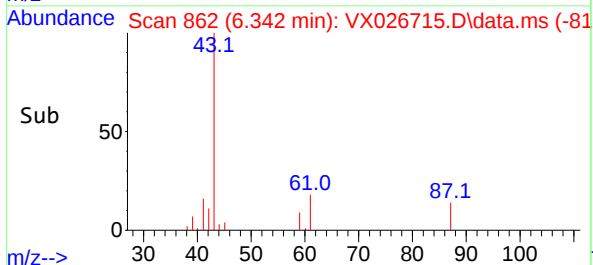
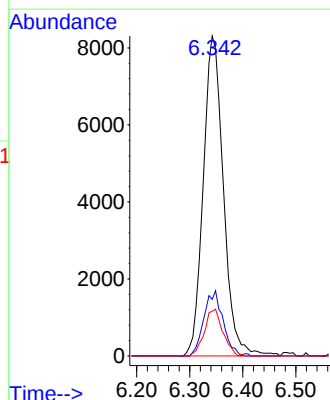
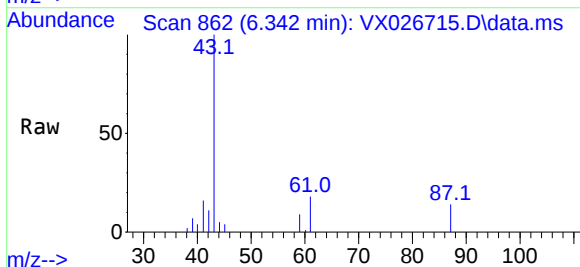
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 104.4 | 81.2  | 121.8 |
| 192 | 19.7  | 15.0  | 22.4  |

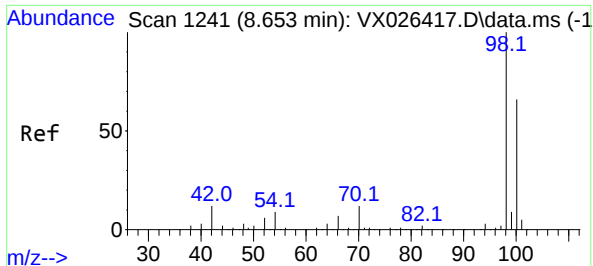


#43  
Isopropyl Acetate  
Concen: 6.209 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX026715.D  
Acq: 01 Feb 2022 18:25

Tgt Ion: 43 Resp: 21946

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 19.2  | 15.4  | 23.0  |
| 87  | 13.3  | 10.2  | 15.2  |

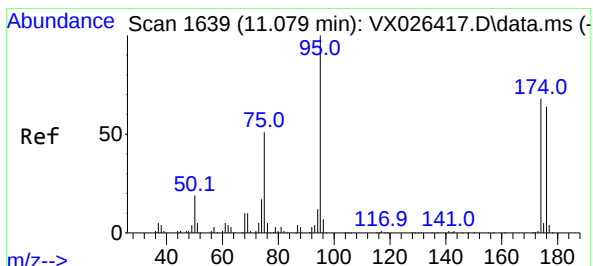
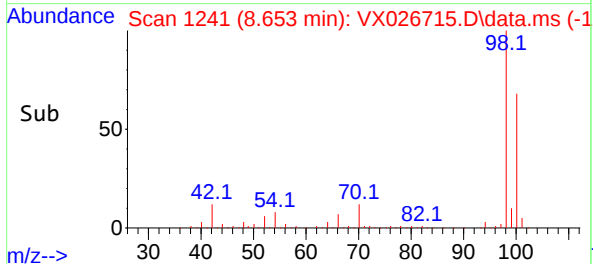
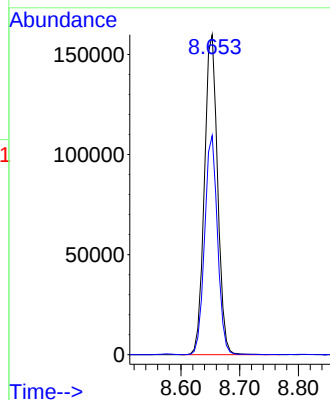
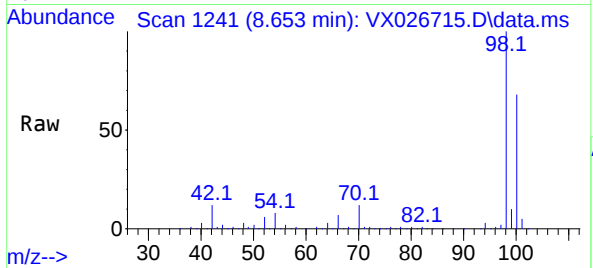




#50  
Toluene-d8  
Concen: 50.493 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026715.D  
Acq: 01 Feb 2022 18:25

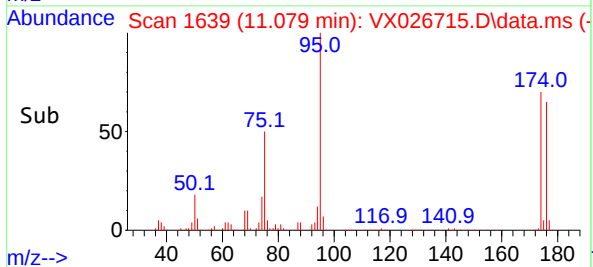
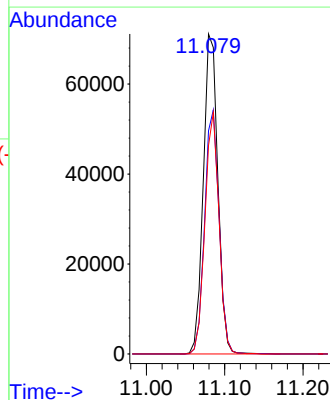
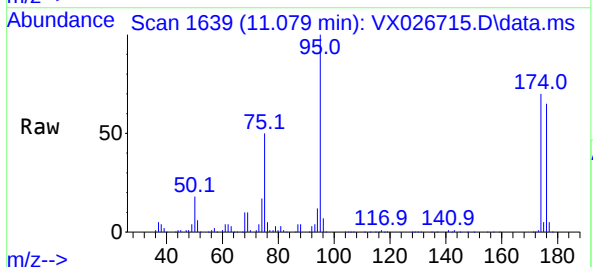
Instrument :  
MSVOA\_X  
ClientSampleId :  
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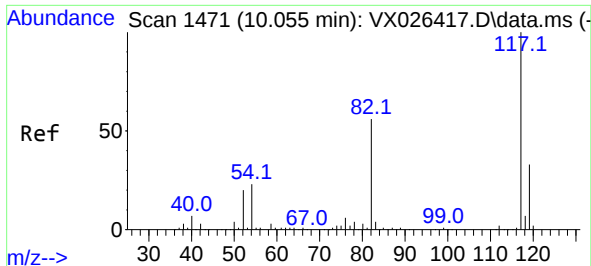
Tgt Ion: 98 Resp: 249304  
Ion Ratio Lower Upper  
98 100  
100 67.1 53.2 79.8



#62  
4-Bromofluorobenzene  
Concen: 52.344 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX026715.D  
Acq: 01 Feb 2022 18:25

Tgt Ion: 95 Resp: 91809  
Ion Ratio Lower Upper  
95 100  
174 75.4 0.0 148.6  
176 73.0 0.0 141.4

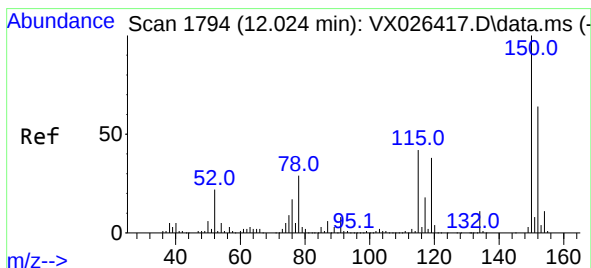
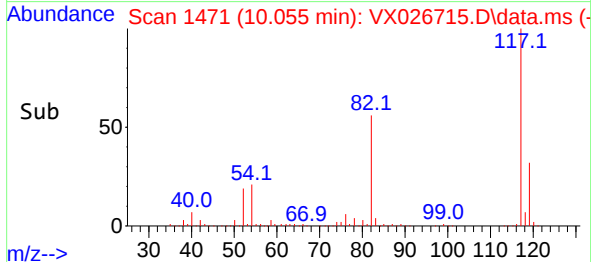
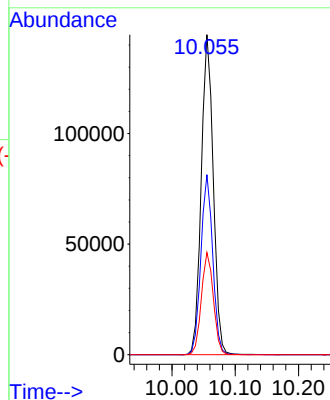
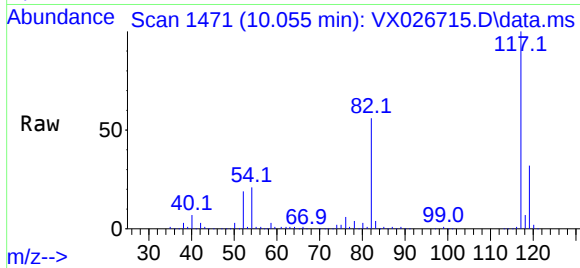




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026715.D  
Acq: 01 Feb 2022 18:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142403ZHE#08

Tgt Ion:117 Resp: 191464  
Ion Ratio Lower Upper  
117 100  
82 56.2 45.2 67.8  
119 31.9 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX026715.D  
Acq: 01 Feb 2022 18:25

Tgt Ion:152 Resp: 83692  
Ion Ratio Lower Upper  
152 100  
115 60.3 44.2 132.6  
150 157.7 0.0 348.2

