

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091421\  
 Data File : VX024231.D  
 Acq On : 15 Sep 2021 01:19  
 Operator : JC/MD  
 Sample : PB139075ZHE#04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB139075ZHE#04

Quant Time: Sep 15 02:01:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 14 12:18:04 2021  
 Response via : Initial Calibration

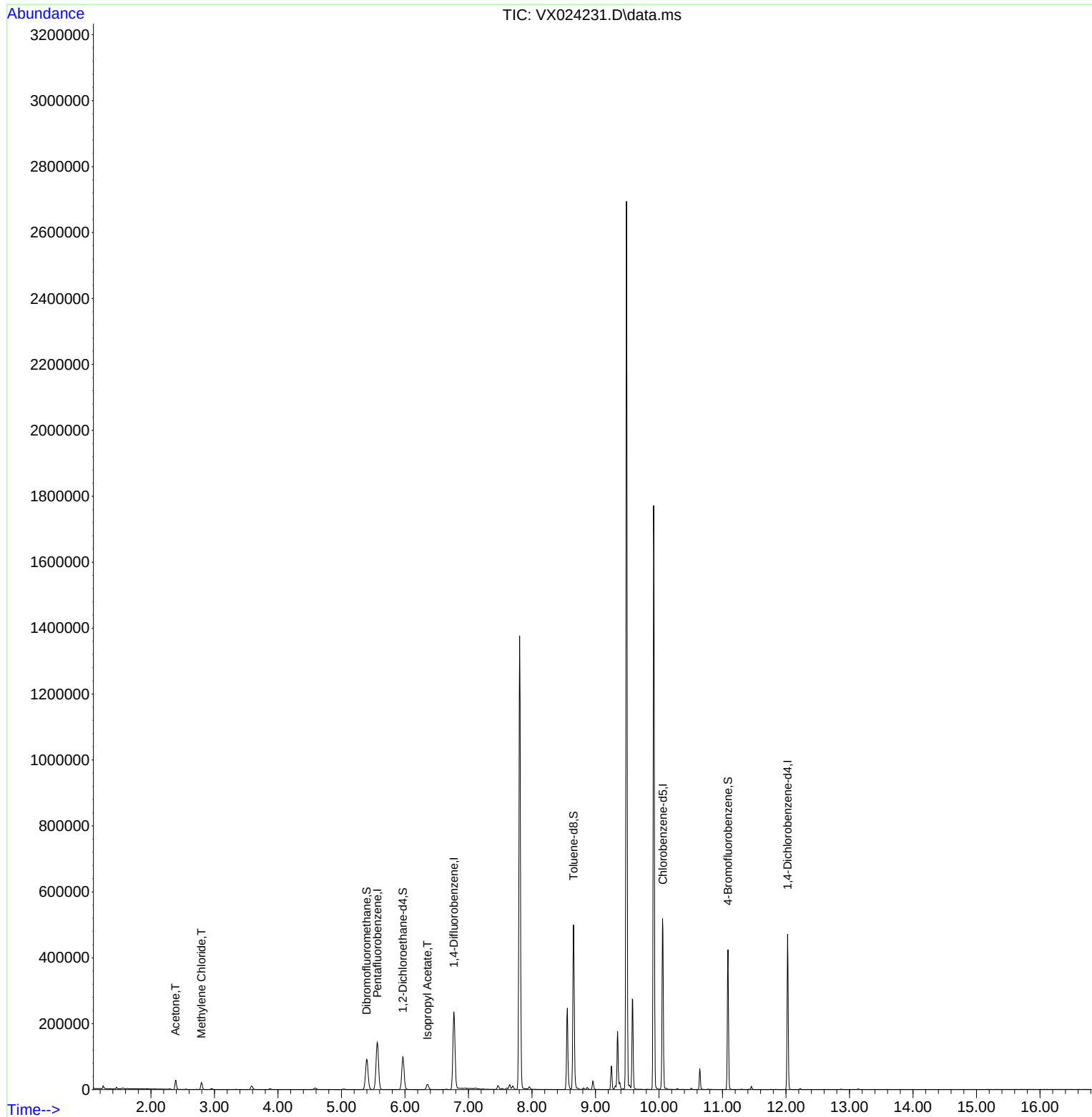
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 5.562          | 168  | 132640              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 229311              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.061         | 117  | 224430              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 94464               | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65   | 100048              | 52.896 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 105.800% |        |        |          |
| 35) Dibromofluoromethane    | 5.398          | 113  | 77101               | 50.135 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 100.280% |        |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 287762              | 51.364 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 102.720% |        |        |          |
| 62) 4-Bromofluorobenzene    | 11.086         | 95   | 106188              | 48.705 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 97.400%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 2.386          | 43   | 30886               | 38.297 | ug/l   | 89       |
| 20) Methylene Chloride      | 2.794          | 84   | 9225                | 5.957  | ug/l   | 91       |
| 43) Isopropyl Acetate       | 6.355          | 43   | 21949               | 5.613  | ug/l   | 94       |
| -----                       |                |      |                     |        |        |          |

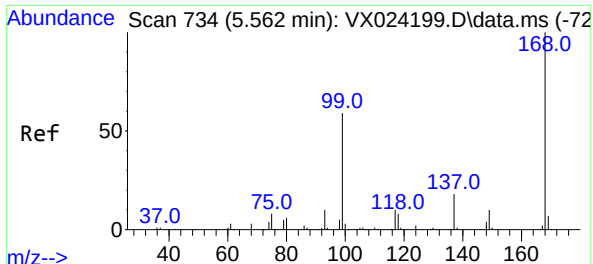
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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Response via : Initial Calibration

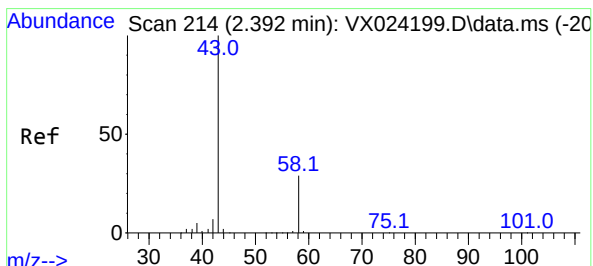
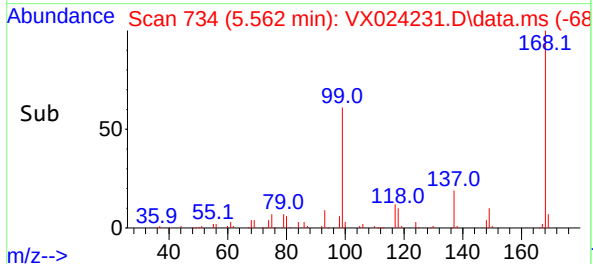
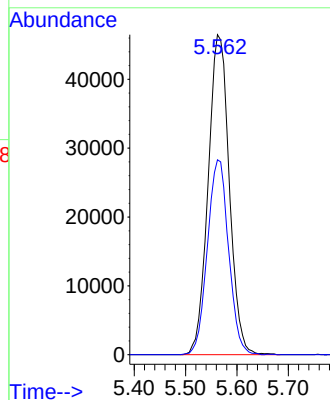
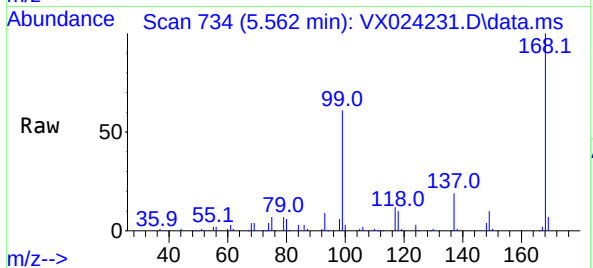




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX024231.D  
Acq: 15 Sep 2021 01:19

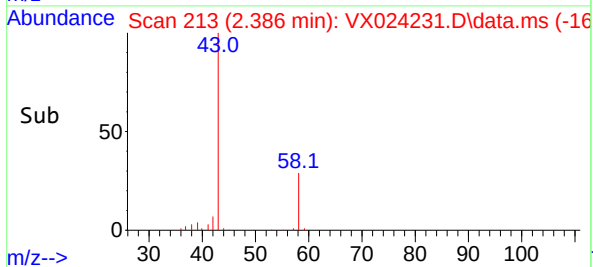
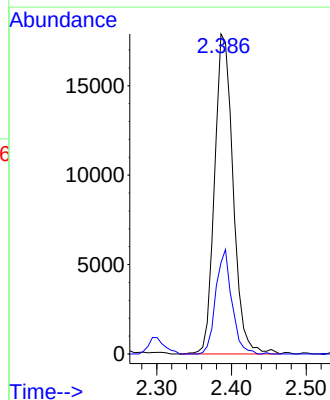
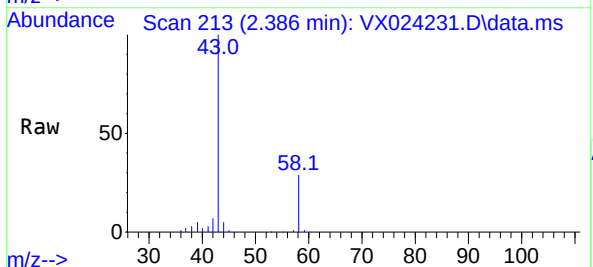
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB139075ZHE#04

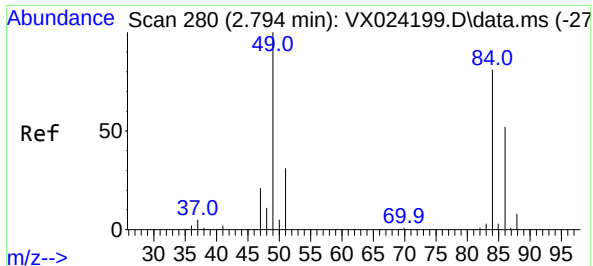
Tgt Ion:168 Resp: 132640  
Ion Ratio Lower Upper  
168 100  
99 60.9 45.8 68.6



#16  
Acetone  
Concen: 38.297 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX024231.D  
Acq: 15 Sep 2021 01:19

Tgt Ion: 43 Resp: 30886  
Ion Ratio Lower Upper  
43 100  
58 28.6 27.8 41.8



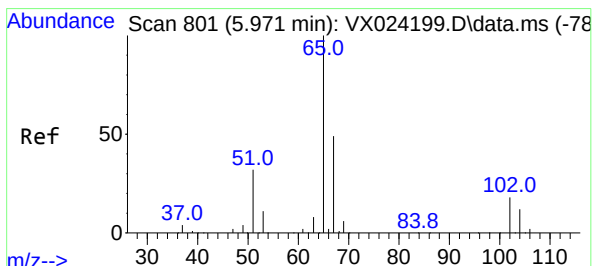
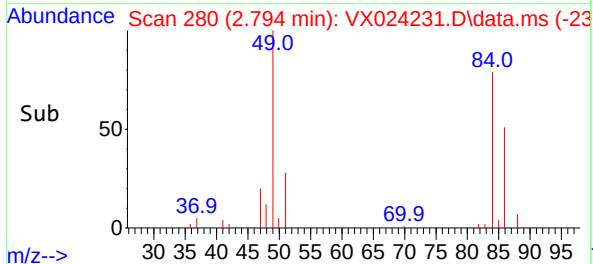
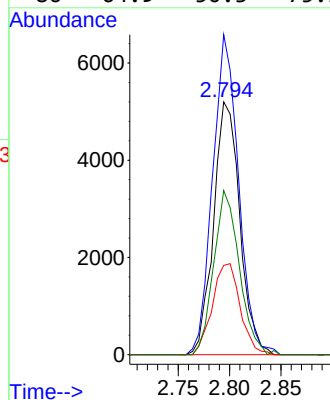
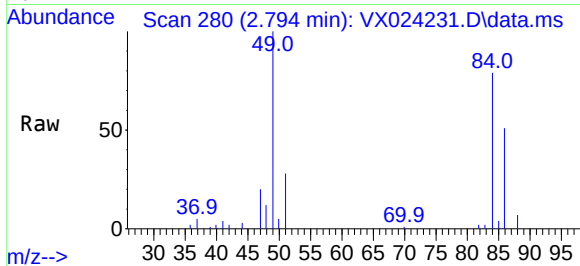


#20  
Methylene Chloride  
Concen: 5.957 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX024231.D  
Acq: 15 Sep 2021 01:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB139075ZHE#04

Tgt Ion: 84 Resp: 9225

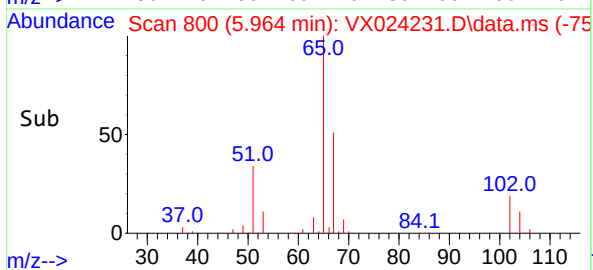
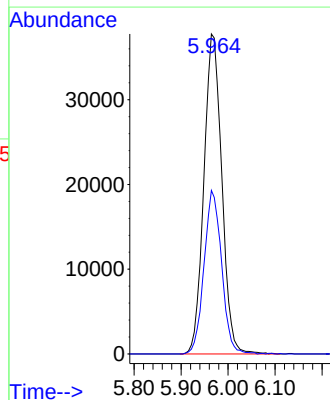
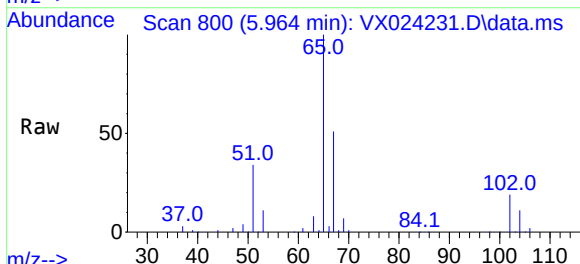
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 126.5 | 88.6  | 132.8 |
| 51  | 35.3  | 27.0  | 40.6  |
| 86  | 64.9  | 50.3  | 75.5  |

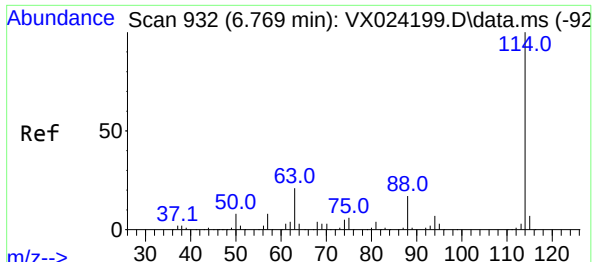


#33  
1,2-Dichloroethane-d4  
Concen: 52.896 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.007 min  
Lab File: VX024231.D  
Acq: 15 Sep 2021 01:19

Tgt Ion: 65 Resp: 100048

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 50.0  | 0.0   | 105.4 |



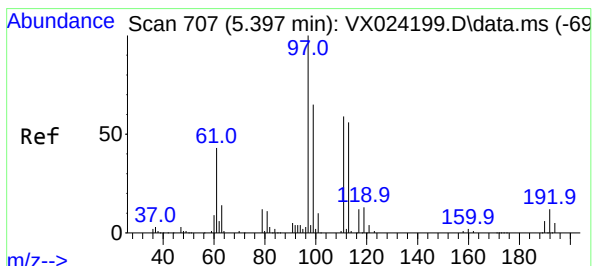
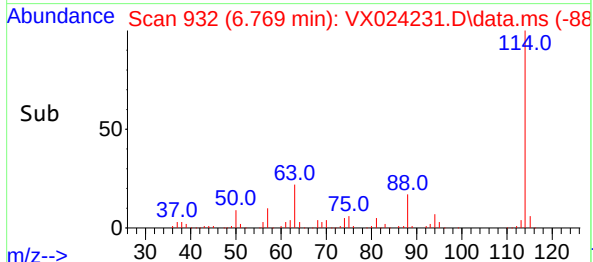
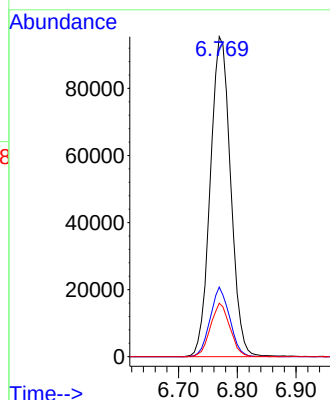
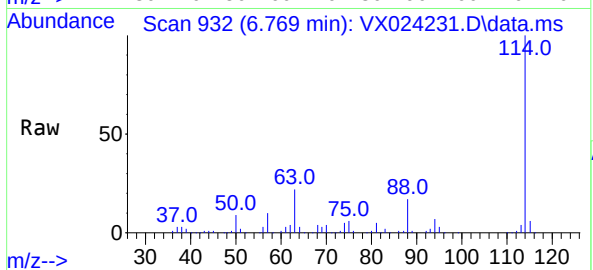


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024231.D  
Acq: 15 Sep 2021 01:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB139075ZHE#04

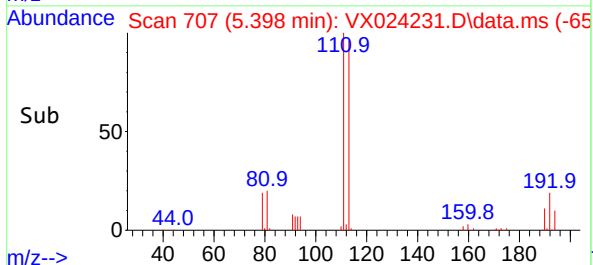
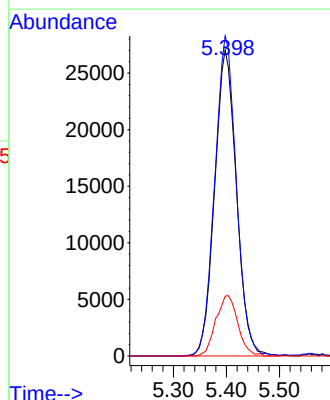
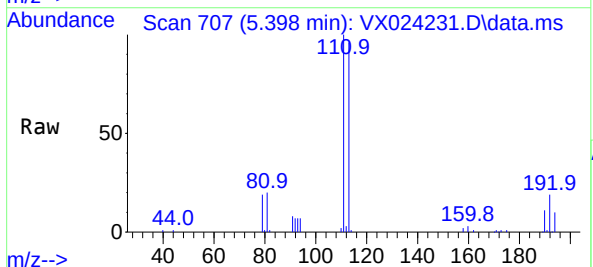
Tgt Ion:114 Resp: 229311  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 40.8  
88 16.7 0.0 32.8

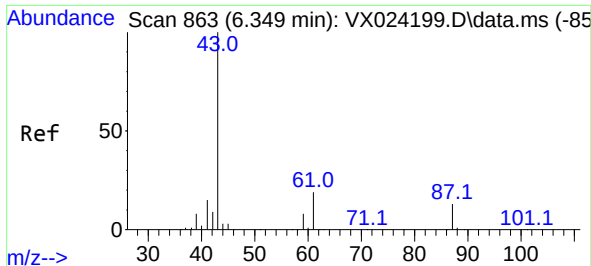


#35

Dibromofluoromethane  
Concen: 50.135 ug/l  
RT: 5.398 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024231.D  
Acq: 15 Sep 2021 01:19

Tgt Ion:113 Resp: 77101  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.9 122.9  
192 19.9 16.7 25.1

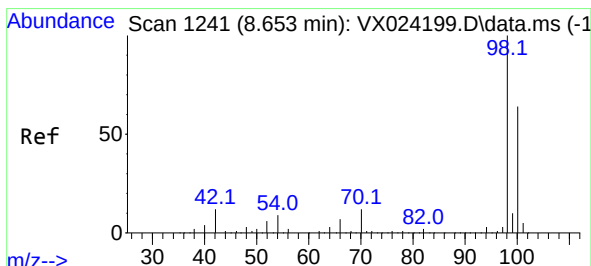
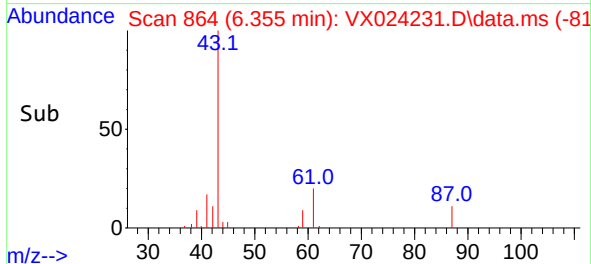
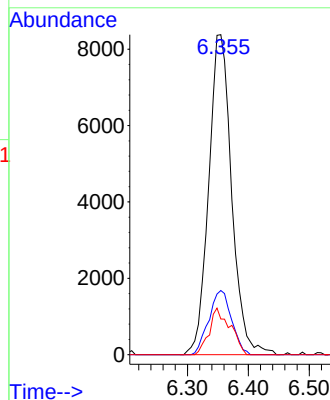
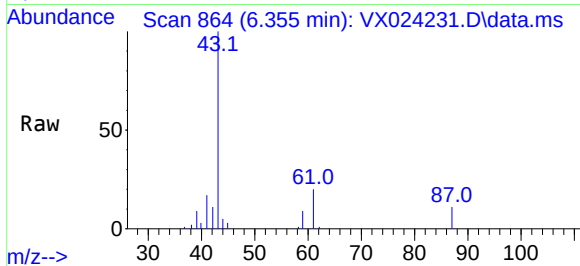




#43  
Isopropyl Acetate  
Concen: 5.613 ug/l  
RT: 6.355 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VX024231.D  
Acq: 15 Sep 2021 01:19

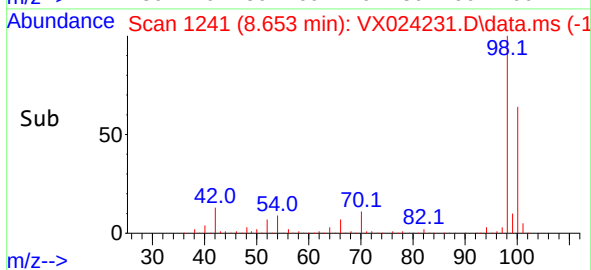
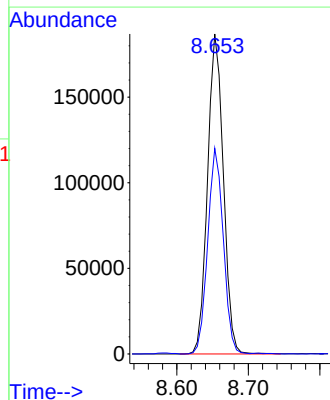
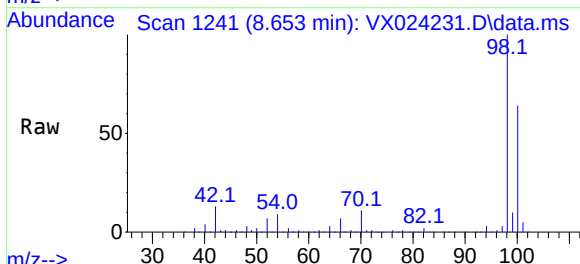
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB139075ZHE#04

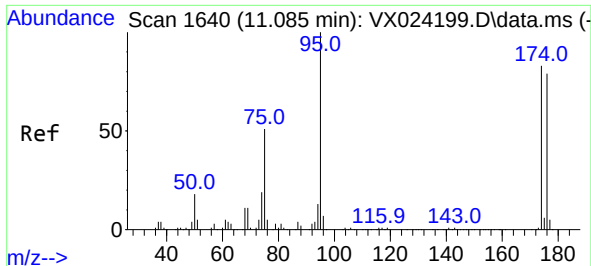
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 21949 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 19.8     | 18.2 27.4   |
| 87 13.3     | 12.5 18.7   |



#50  
Toluene-d8  
Concen: 51.364 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX024231.D  
Acq: 15 Sep 2021 01:19

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 287762 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 63.2    | 51.9 77.9    |

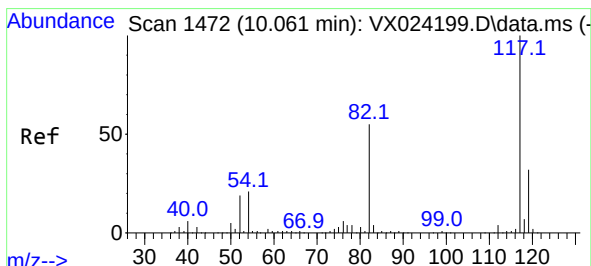
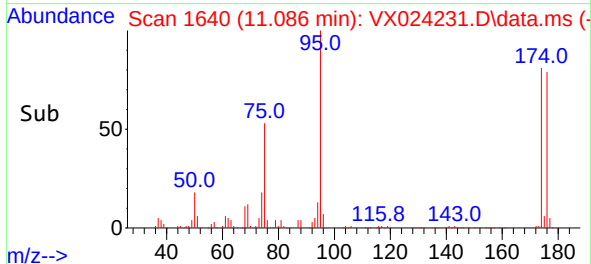
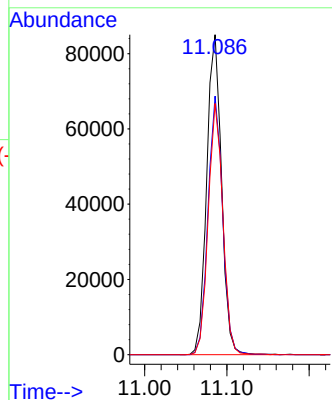
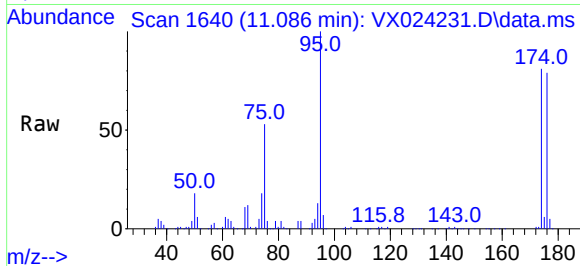




#62  
4-Bromofluorobenzene  
Concen: 48.705 ug/l  
RT: 11.086 min Scan# 1640  
Delta R.T. 0.001 min  
Lab File: VX024231.D  
Acq: 15 Sep 2021 01:19

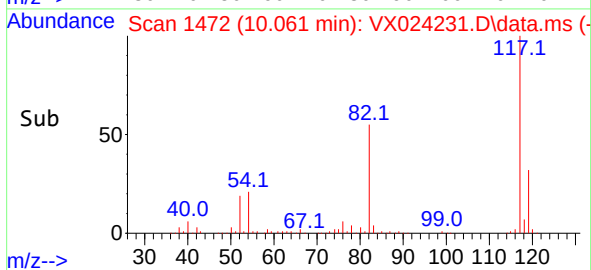
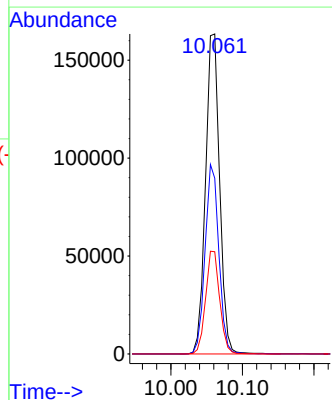
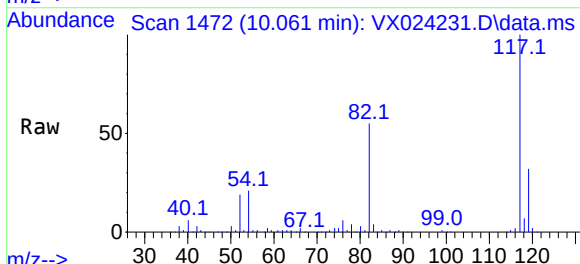
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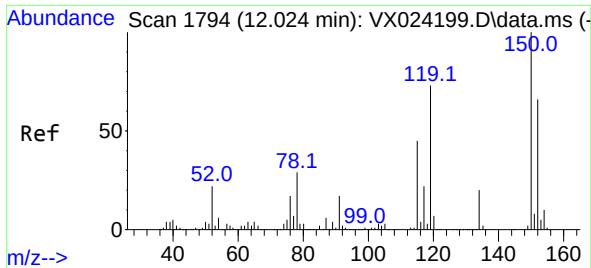
Tgt Ion: 95 Resp: 106188  
Ion Ratio Lower Upper  
95 100  
174 79.9 0.0 154.6  
176 77.7 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX024231.D  
Acq: 15 Sep 2021 01:19

Tgt Ion: 117 Resp: 224430  
Ion Ratio Lower Upper  
117 100  
82 54.9 47.4 71.2  
119 32.0 26.6 39.8





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX024231.D  
Acq: 15 Sep 2021 01:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB139075ZHE#04

Tgt Ion:152 Resp: 94464  
Ion Ratio Lower Upper  
152 100  
115 60.3 41.1 123.3  
150 157.4 0.0 349.0

