

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX123120\  
 Data File : VX020487.D  
 Acq On : 31 Dec 2020 16:46  
 Operator : JC/MD  
 Sample : PB133875ZHE#16  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB133875ZHE#16

Quant Time: Jan 01 00:12:15 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 18 13:09:49 2020  
 Response via : Initial Calibration

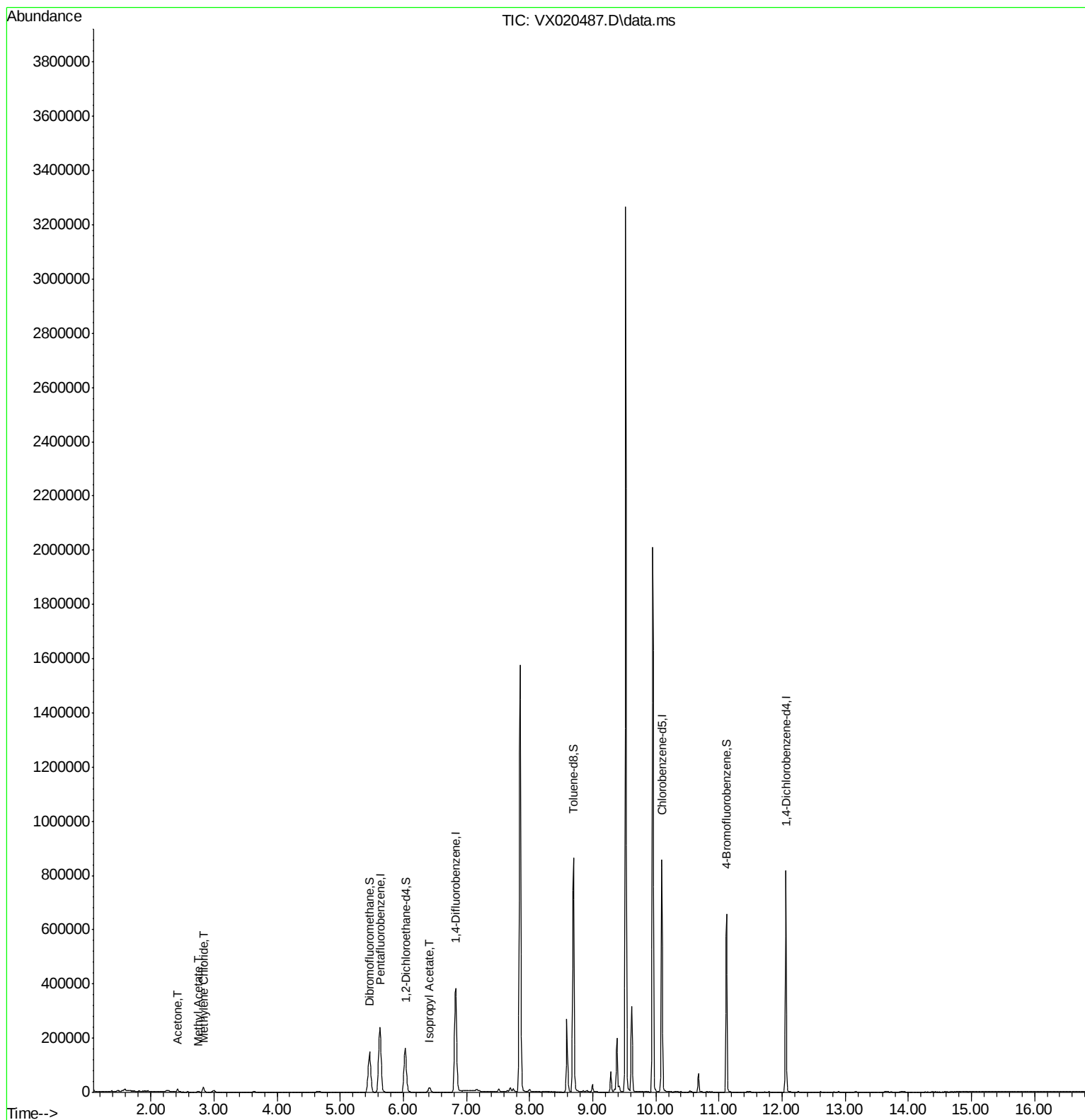
| Compound                    | R.T.   | QIon           | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|----------------|----------|-------|---------|----------|
| -----                       |        |                |          |       |         |          |
| Internal Standards          |        |                |          |       |         |          |
| 1) Pentafluorobenzene       | 5.635  | 168            | 231713   | 50.00 | ug/l    | 0.02     |
| 34) 1,4-Difluorobenzene     | 6.830  | 114            | 392079   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.098 | 117            | 402545   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.061 | 152            | 164280   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |                |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.031  | 65             | 157979   | 50.86 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =     | 101.72% |          |
| 35) Dibromofluoromethane    | 5.464  | 113            | 129029   | 51.44 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =     | 102.88% |          |
| 50) Toluene-d8              | 8.696  | 98             | 519359   | 53.79 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =     | 107.58% |          |
| 62) 4-Bromofluorobenzene    | 11.122 | 95             | 183264   | 49.60 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =     | 99.20%  |          |
| Target Compounds            |        |                |          |       |         |          |
| 16) Acetone                 | 2.422  | 43             | 10710    | 7.56  | ug/l    | 98       |
| 18) Methyl Acetate          | 2.752  | 43             | 3463     | 1.10  | ug/l    | 96       |
| 20) Methylene Chloride      | 2.831  | 84             | 8746     | 2.74  | ug/l    | 91       |
| 43) Isopropyl Acetate       | 6.409  | 43             | 22654    | 3.56  | ug/l    | 99       |
| -----                       |        |                |          |       |         |          |

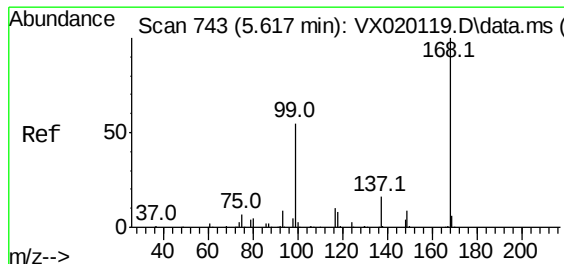
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX123120\  
Data File : VX020487.D  
Acq On : 31 Dec 2020 16:46  
Operator : JC/MD  
Sample : PB133875ZHE#16  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB133875ZHE#16

Quant Time: Jan 01 00:12:15 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 18 13:09:49 2020  
Response via : Initial Calibration

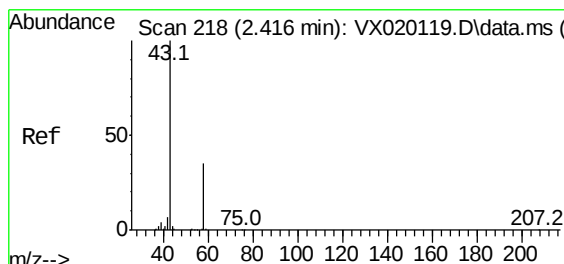
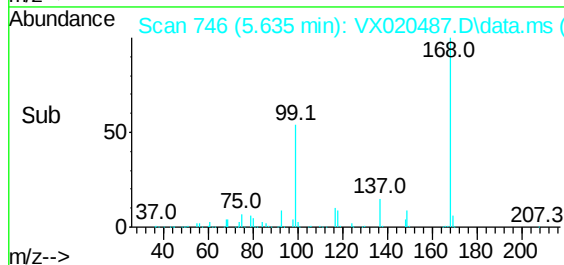
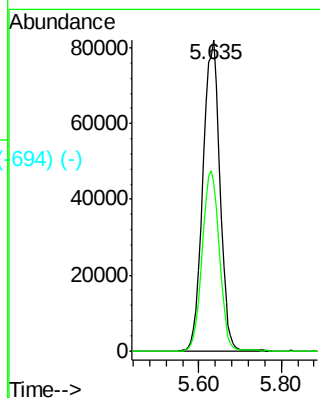
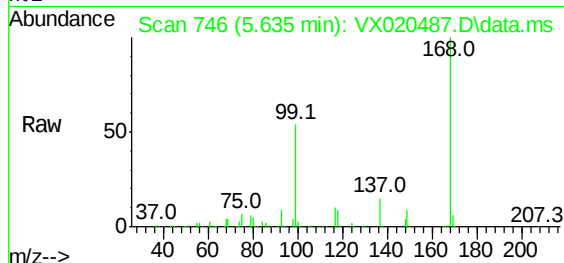




Scan 743 (5.617 min): VX020119.D\data.ms (-740) (-)  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.635 min Scan# 746  
 Delta R.T. 0.018 min  
 Lab File: VX020487.D  
 Acq: 31 Dec 2020 16:46

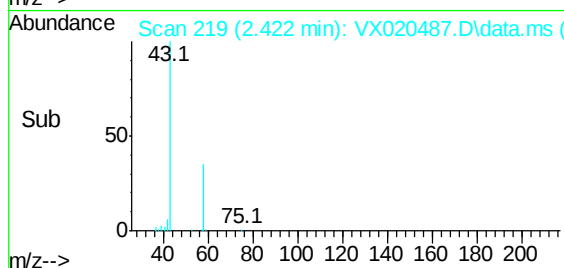
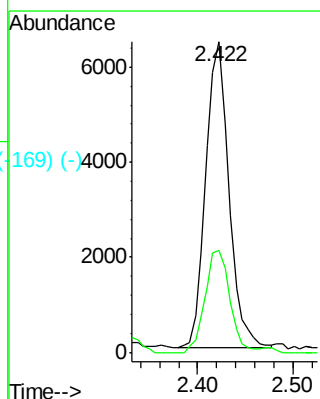
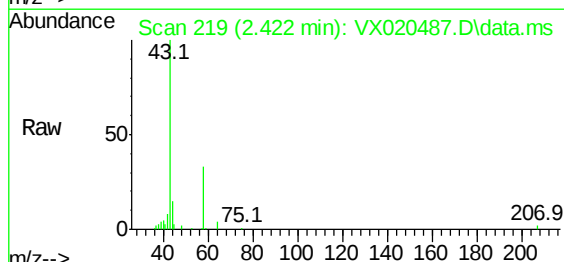
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB133875ZHE#16

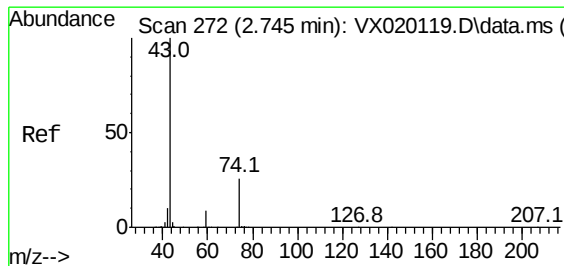
Tgt Ion: 168 Resp: 231713  
 Ion Ratio Lower Upper  
 168 100  
 99 54.1 45.8 68.6



Scan 218 (2.416 min): VX020119.D\data.ms (-211) (-)  
 Acetone  
 Concen: 7.56 ug/l  
 RT: 2.422 min Scan# 219  
 Delta R.T. 0.006 min  
 Lab File: VX020487.D  
 Acq: 31 Dec 2020 16:46

Tgt Ion: 43 Resp: 10710  
 Ion Ratio Lower Upper  
 43 100  
 58 33.5 27.8 41.8

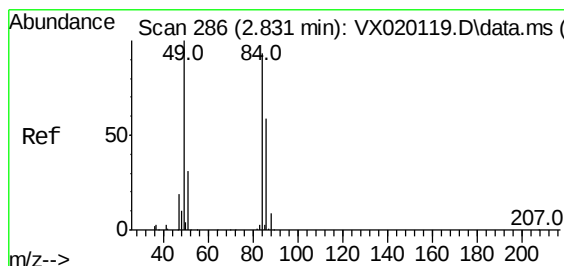
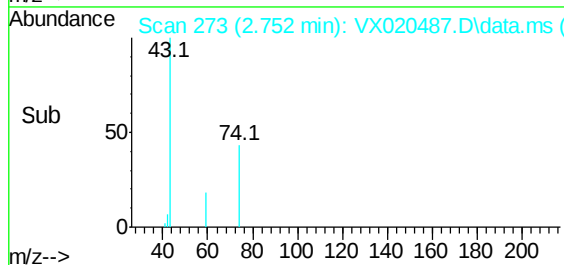
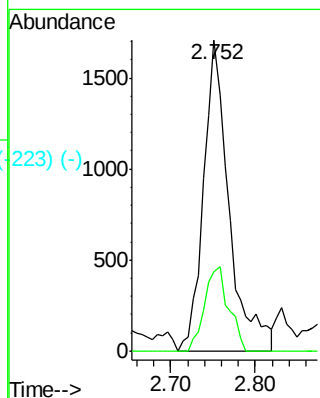
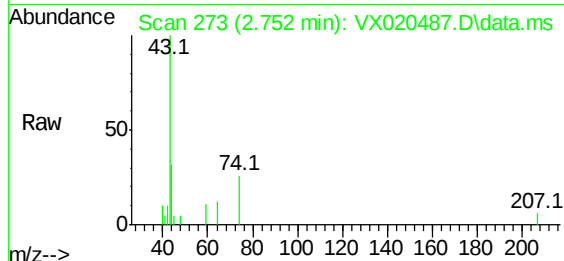




Methyl Acetate  
Concen: 1.10 ug/l  
RT: 2.752 min Scan# 273  
Delta R.T. 0.007 min  
Lab File: VX020487.D  
Acq: 31 Dec 2020 16:46

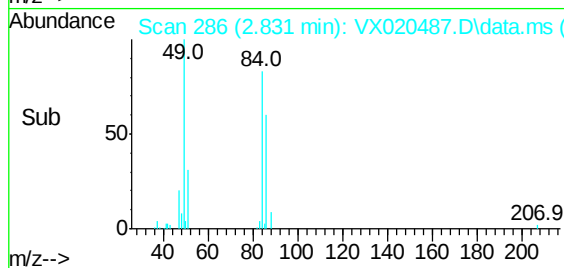
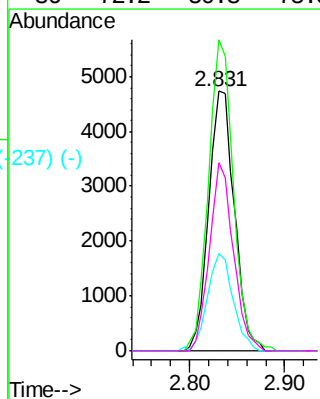
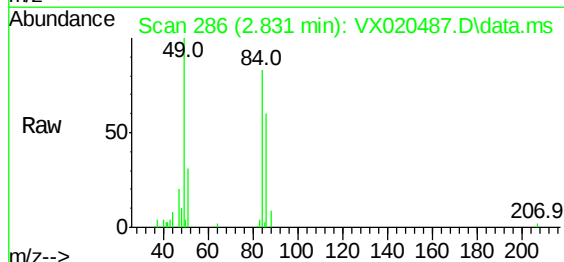
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB133875ZHE#16

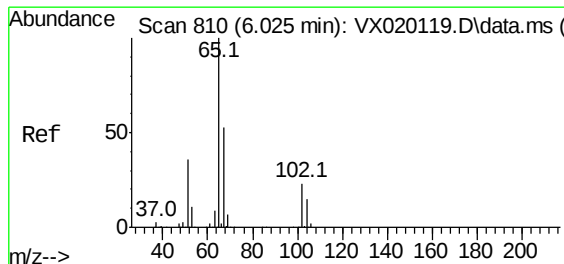
Tgt Ion: 43 Resp: 3463  
Ion Ratio Lower Upper  
43 100  
74 25.4 21.9 32.9



Methylene Chloride  
Concen: 2.74 ug/l  
RT: 2.831 min Scan# 286  
Delta R.T. -0.000 min  
Lab File: VX020487.D  
Acq: 31 Dec 2020 16:46

Tgt Ion: 84 Resp: 8746  
Ion Ratio Lower Upper  
84 100  
49 119.8 88.6 132.8  
51 37.4 27.0 40.6  
86 72.2 50.3 75.5

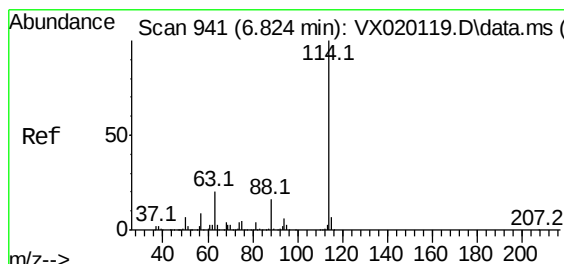
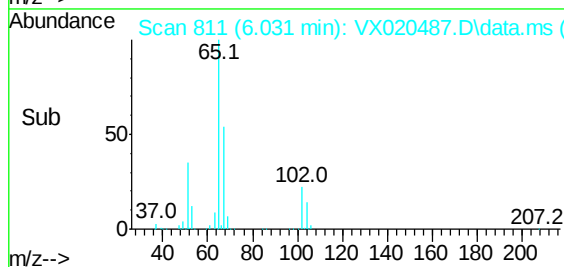
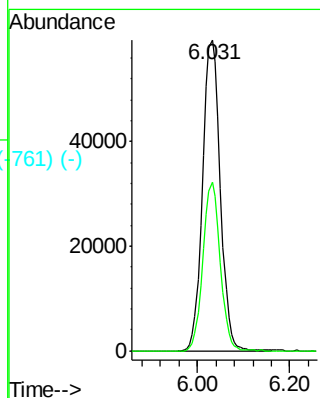
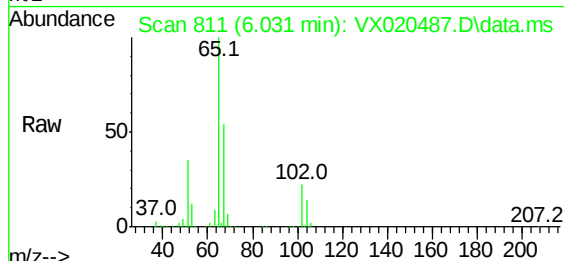




1,2-Dichloroethane-d4  
 Concen: 50.86 ug/l  
 RT: 6.031 min Scan# 811  
 Delta R.T. 0.006 min  
 Lab File: VX020487.D  
 Acq: 31 Dec 2020 16:46

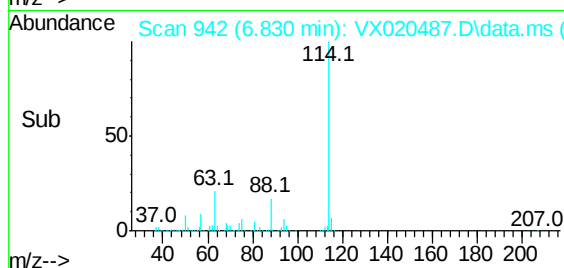
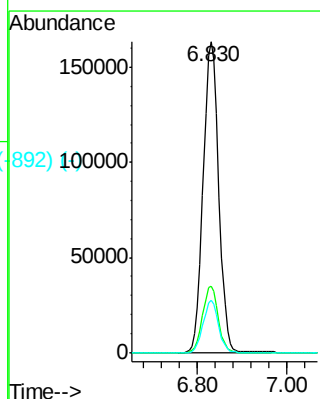
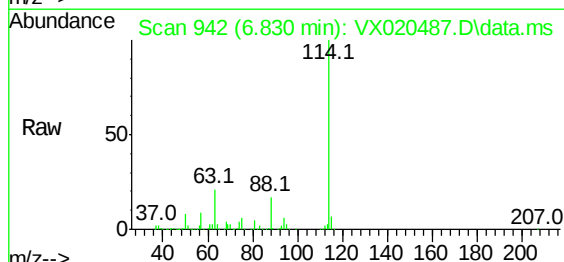
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB133875ZHE#16

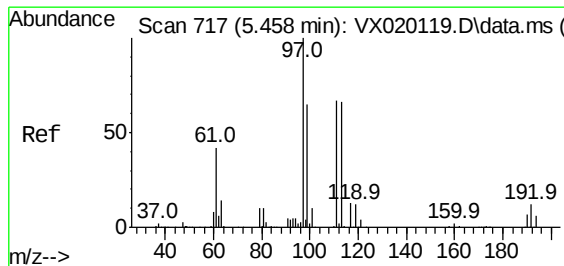
Tgt Ion: 65 Resp: 157979  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 105.4



1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.830 min Scan# 942  
 Delta R.T. 0.006 min  
 Lab File: VX020487.D  
 Acq: 31 Dec 2020 16:46

Tgt Ion: 114 Resp: 392079  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 40.8  
 88 16.9 0.0 32.8

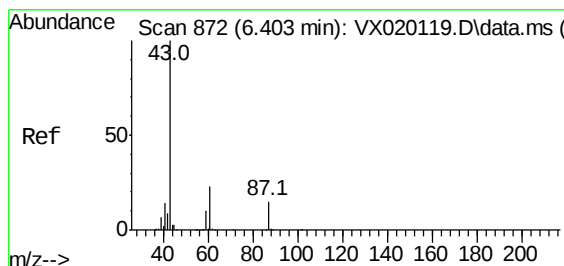
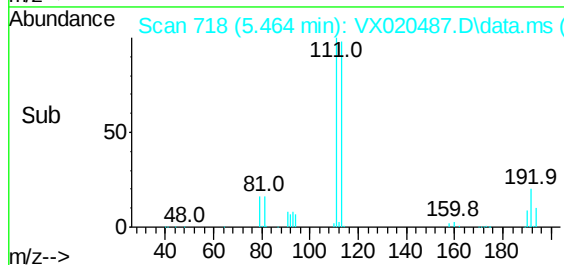
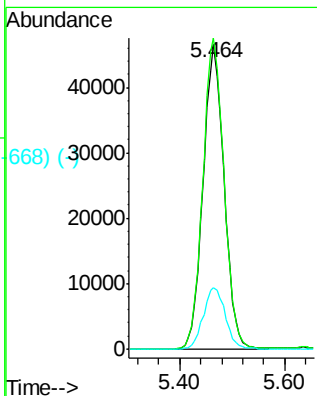
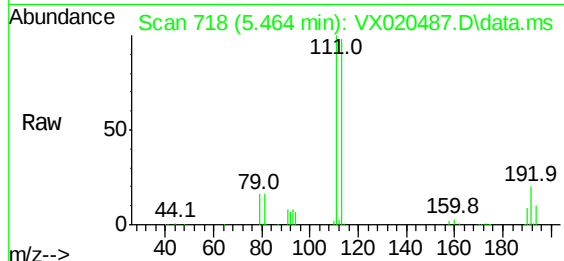




Dibromofluoromethane  
Concen: 51.44 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX020487.D  
Acq: 31 Dec 2020 16:46

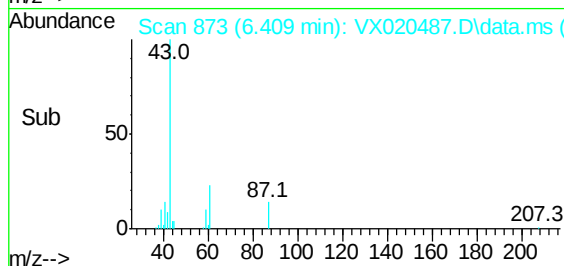
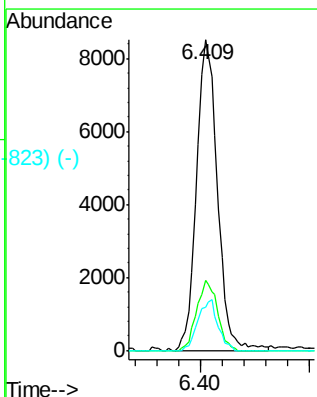
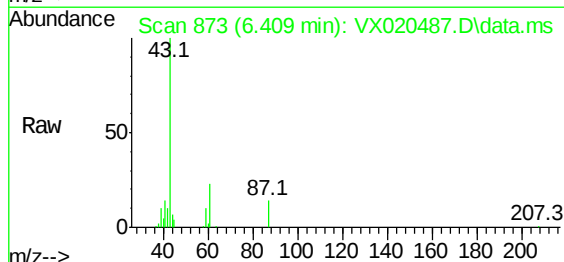
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB133875ZHE#16

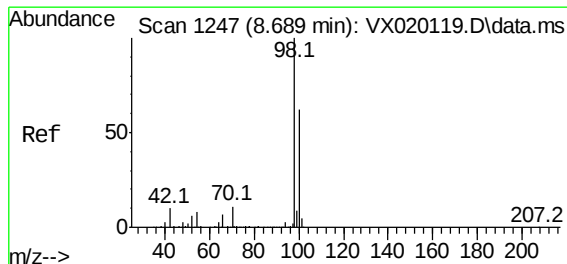
Tgt Ion:113 Resp: 129029  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.9 122.9  
192 20.8 16.7 25.1



Isopropyl Acetate  
Concen: 3.56 ug/l  
RT: 6.409 min Scan# 873  
Delta R.T. 0.006 min  
Lab File: VX020487.D  
Acq: 31 Dec 2020 16:46

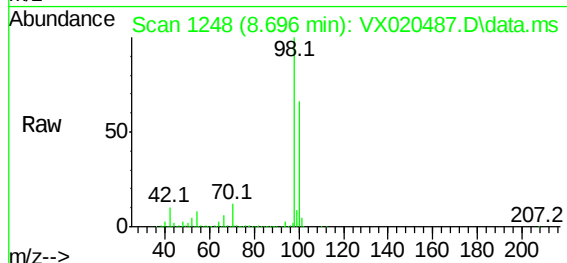
Tgt Ion: 43 Resp: 22654  
Ion Ratio Lower Upper  
43 100  
61 22.3 18.2 27.4  
87 15.4 12.5 18.7



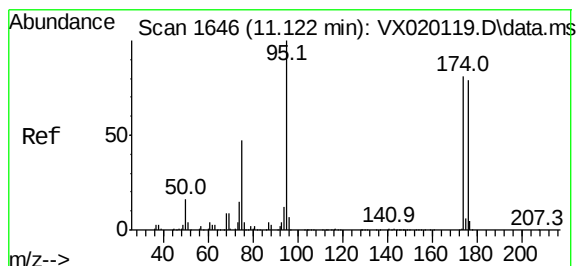
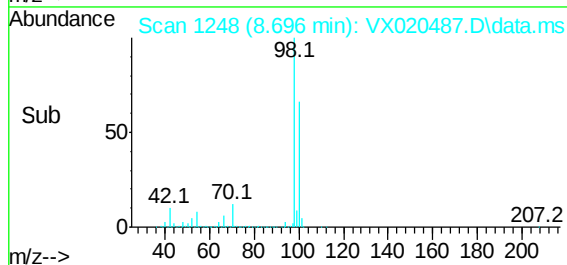
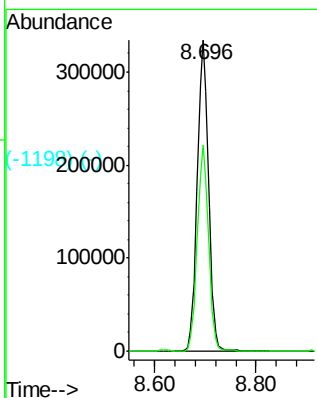


#599 (-)  
Toluene-d8  
Concen: 53.79 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.007 min  
Lab File: VX020487.D  
Acq: 31 Dec 2020 16:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB133875ZHE#16

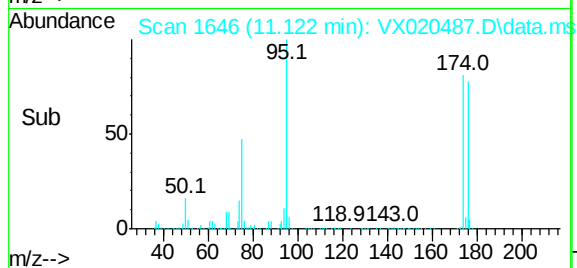
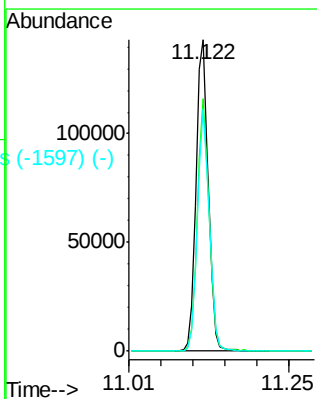
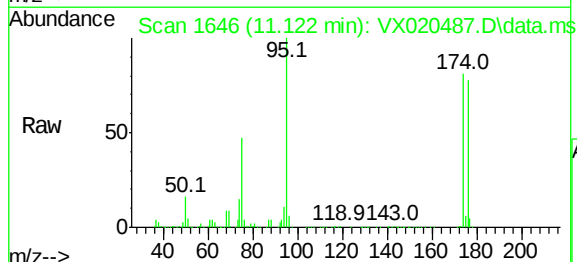


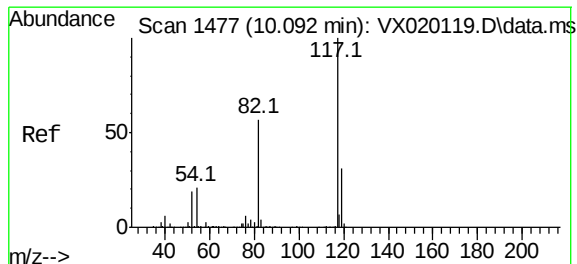
Tgt Ion: 98 Resp: 519359  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.9 77.9



#639 (-)  
4-Bromofluorobenzene  
Concen: 49.60 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020487.D  
Acq: 31 Dec 2020 16:46

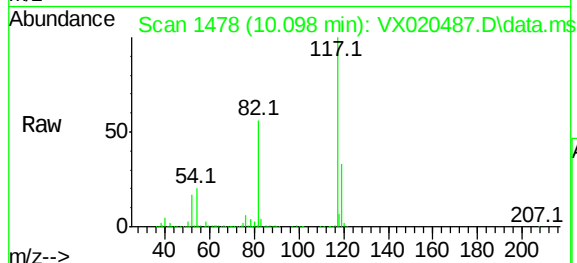
Tgt Ion: 95 Resp: 183264  
Ion Ratio Lower Upper  
95 100  
174 77.5 0.0 154.6  
176 75.1 0.0 155.8



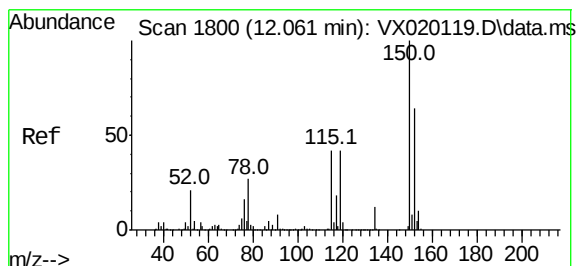
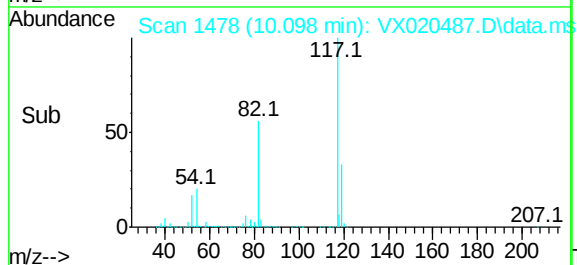
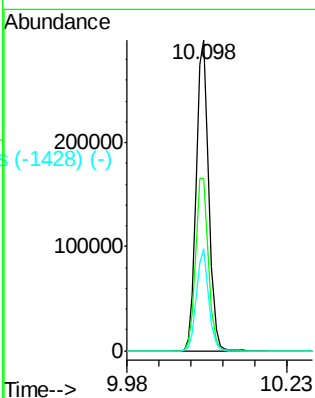


#6270 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.098 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VX020487.D  
Acq: 31 Dec 2020 16:46

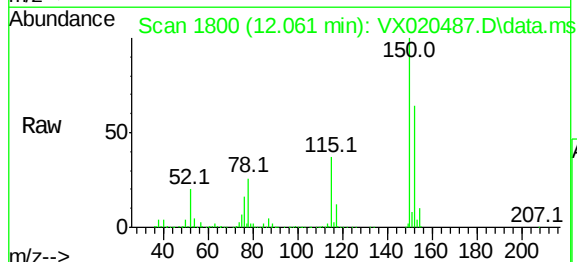
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB133875ZHE#16



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 402545 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 55.6  | 47.4  | 71.2   |
| 119       | 32.8  | 26.6  | 39.8   |



#1724 (-)  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.061 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VX020487.D  
Acq: 31 Dec 2020 16:46



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 164280 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 59.9  | 41.1  | 123.3  |
| 150       | 157.1 | 0.0   | 349.0  |

