

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\  
 Data File : VX019310.D  
 Acq On : 05 Nov 2020 13:48  
 Operator : JC/MD  
 Sample : PB132824TB  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB132824TB

Quant Time: Nov 06 01:47:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 27 13:55:07 2020  
 Response via : Initial Calibration

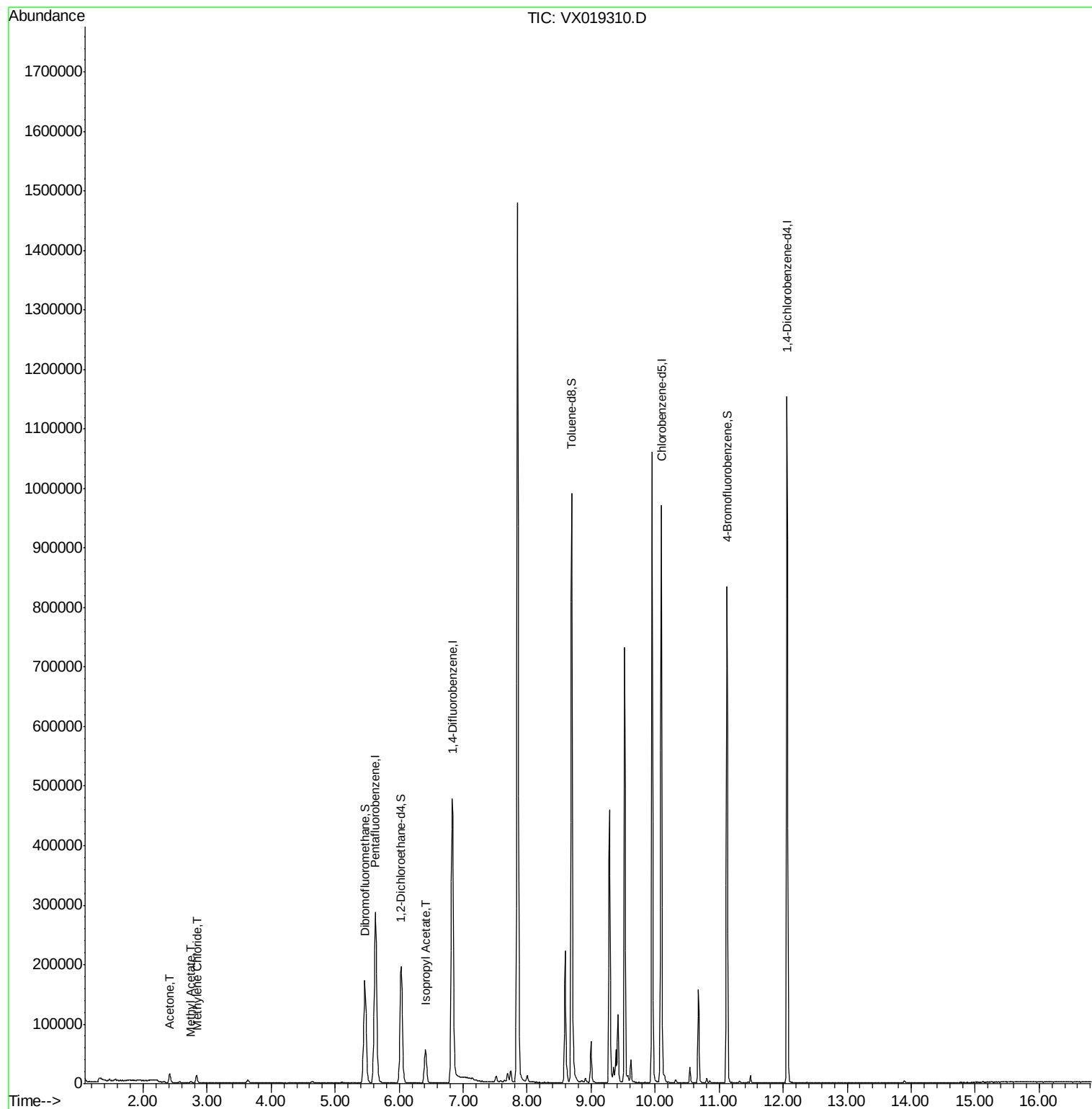
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 260900   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 468933   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 451303   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 223939   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 190321   | 56.57  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 113.14% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 148307   | 50.35  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.70% |          |
| 50) Toluene-d8              | 8.70  | 98   | 584031   | 52.60  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.20% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 224970   | 53.50  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.00% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.42  | 43   | 15536    | 13.385 | ug/l    | 98       |
| 18) Methyl Acetate          | 2.75  | 43   | 3419     | 1.211  | ug/l #  | 89       |
| 20) Methylene Chloride      | 2.84  | 84   | 5969     | 2.048  | ug/l    | 97       |
| 43) Isopropyl Acetate       | 6.42  | 43   | 78992    | 11.734 | ug/l    | 97       |

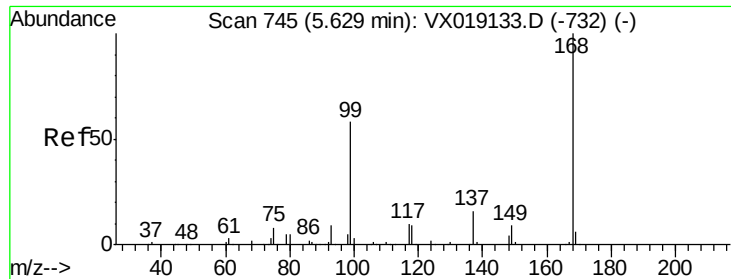
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Oct 27 13:55:07 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019310.D

Acq: 05 Nov 2020 13:48

Instrument :

MSVOA\_X

ClientSampleId :

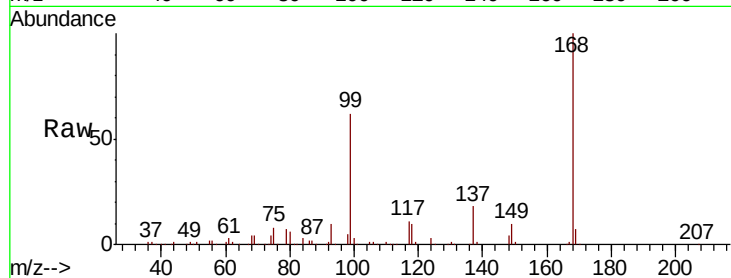
PB132824TB

Tot Ion:168 Resp: 260900

Ion Ratio Lower Upper

168 100

99 62.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

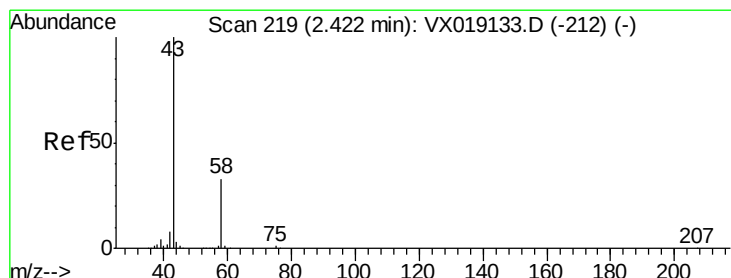
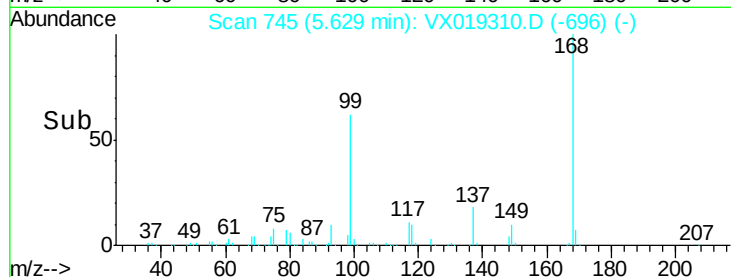
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 13.385 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019310.D

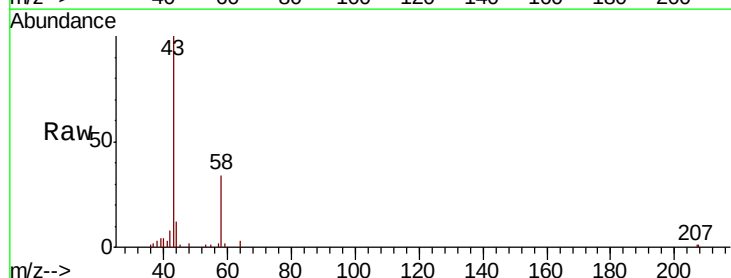
Acq: 05 Nov 2020 13:48

Tgt Ion: 43 Resp: 15536

Ion Ratio Lower Upper

43 100

58 34.0 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

10000

8000

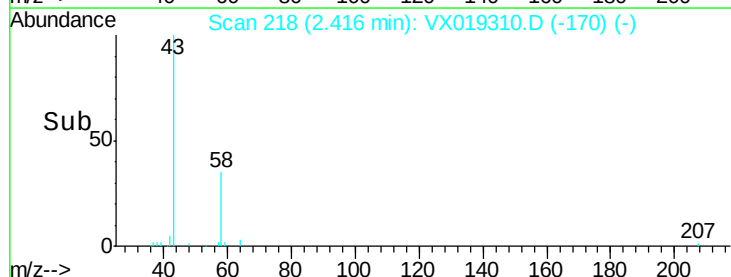
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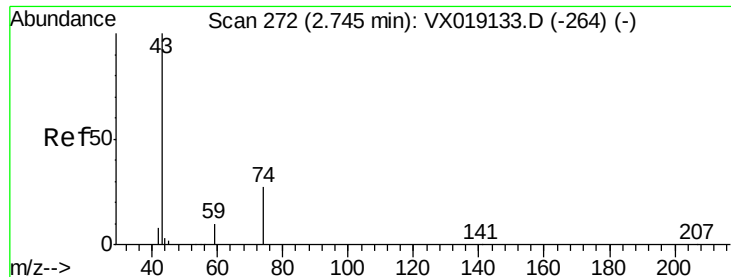
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2000

0

Time-->

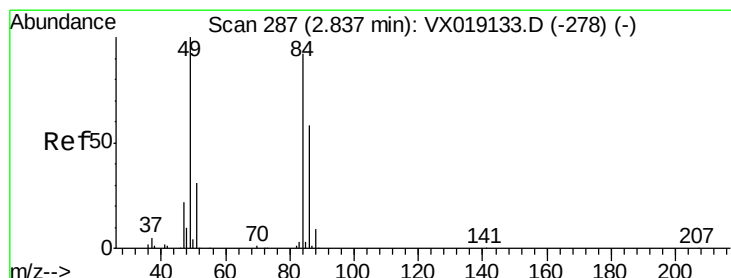
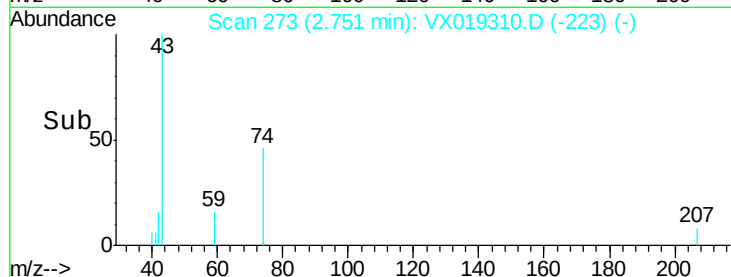
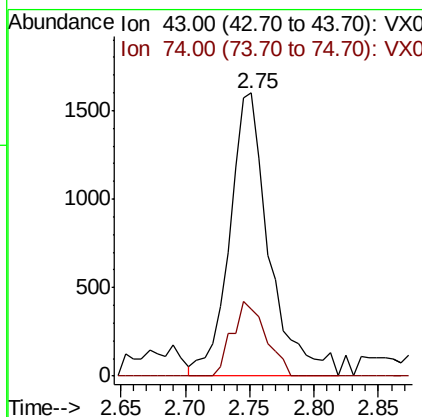
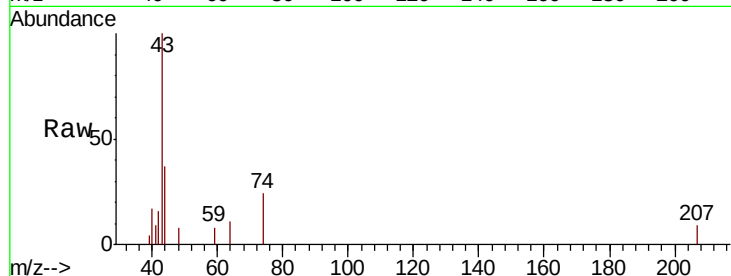




#18  
Methyl Acetate  
Concen: 1.211 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. 0.01 min  
Lab File: VX019310.D  
Acq: 05 Nov 2020 13:48

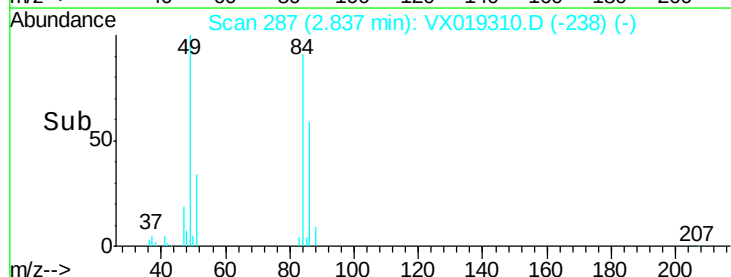
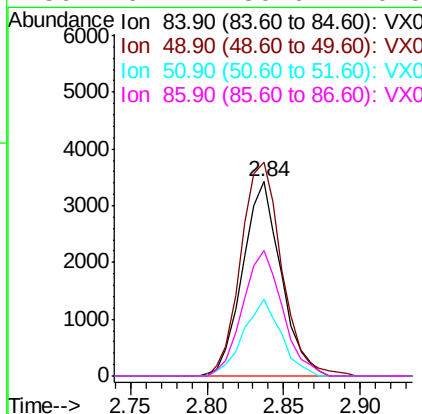
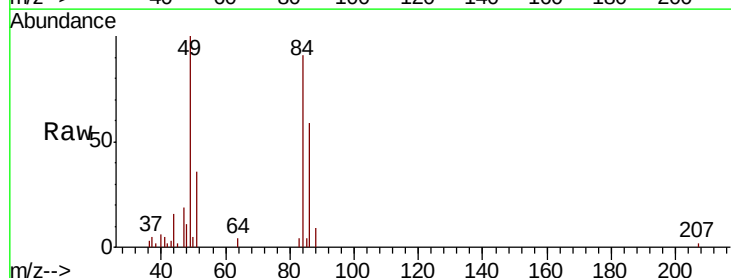
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB132824TB

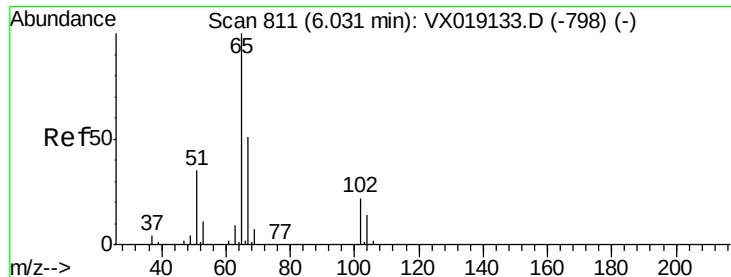
Tot Ion: 43 Resp: 3419  
Ion Ratio Lower Upper  
43 100  
74 22.4 22.6 33.8#



#20  
Methylene Chloride  
Concen: 2.048 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. -0.00 min  
Lab File: VX019310.D  
Acq: 05 Nov 2020 13:48

Tgt Ion: 84 Resp: 5969  
Ion Ratio Lower Upper  
84 100  
49 109.8 86.8 130.2  
51 39.6 27.3 40.9  
86 64.4 50.6 76.0

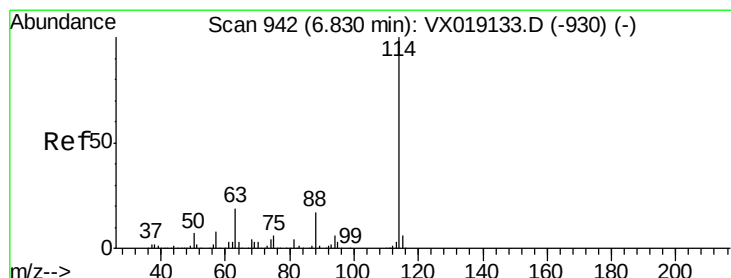
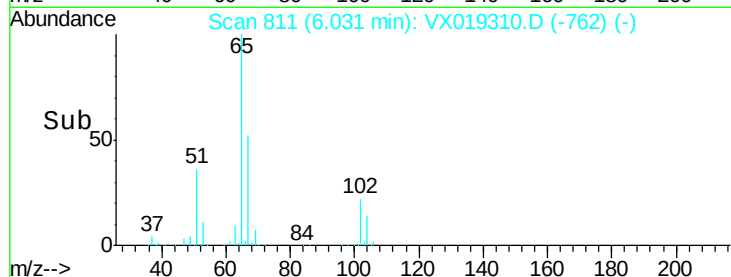
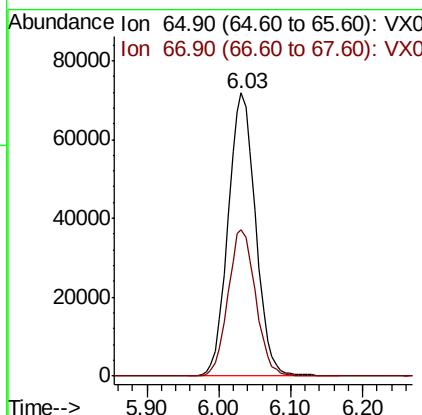
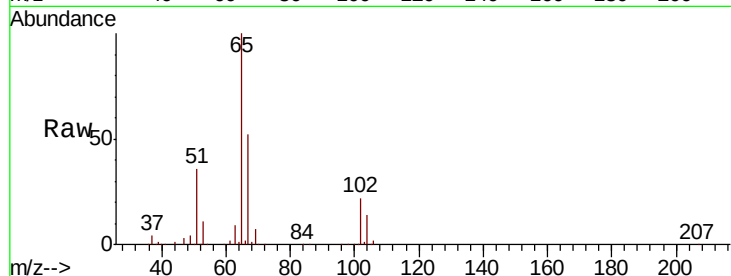




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.565 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX019310.D  
 Acq: 05 Nov 2020 13:48

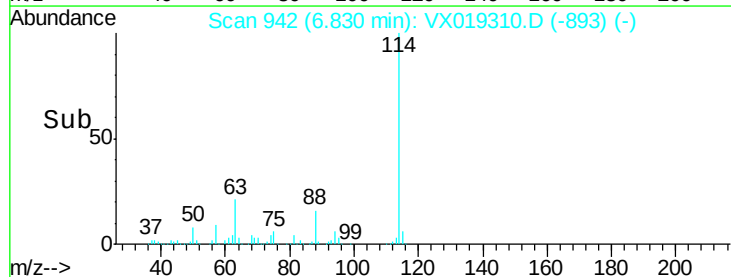
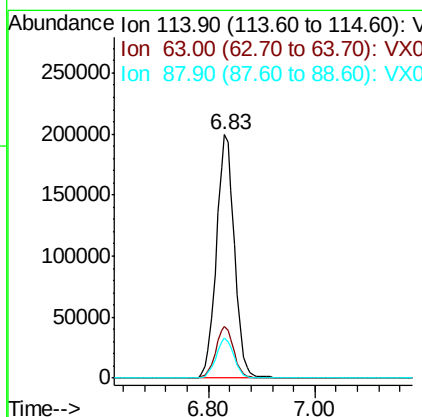
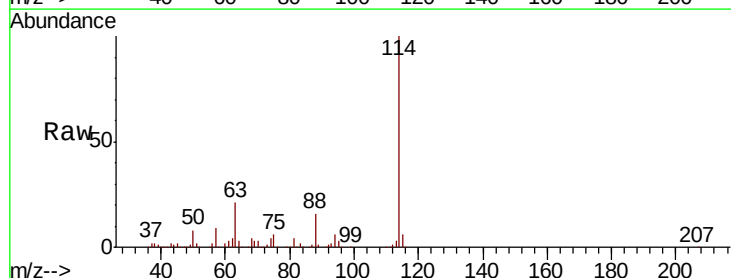
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB132824TB

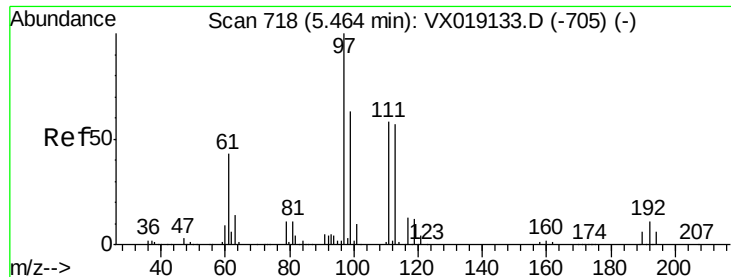
Tot Ion: 65 Resp: 190321  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: VX019310.D  
 Acq: 05 Nov 2020 13:48

Tgt Ion: 114 Resp: 468933  
 Ion Ratio Lower Upper  
 114 100  
 63 21.4 0.0 38.8  
 88 16.4 0.0 34.2

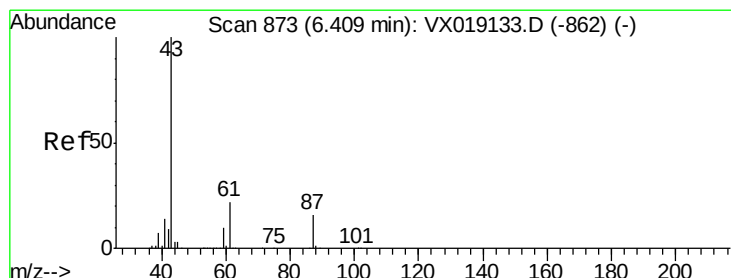
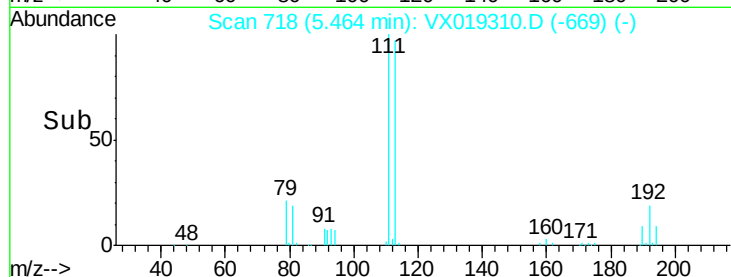
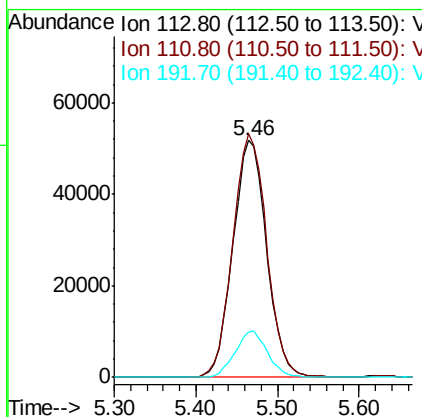
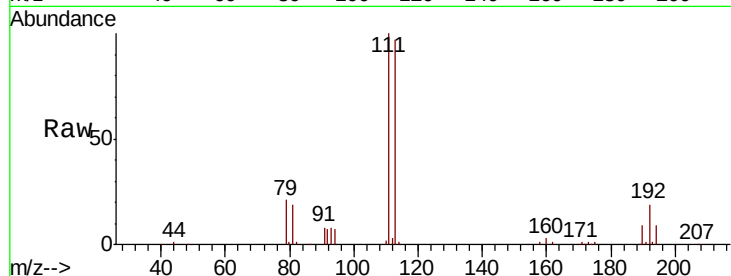




#35  
 Dibromofluoromethane  
 Concen: 50.350 ug/l  
 RT: 5.46 min Scan# 718  
 Delta R.T. -0.00 min  
 Lab File: VX019310.D  
 Acq: 05 Nov 2020 13:48

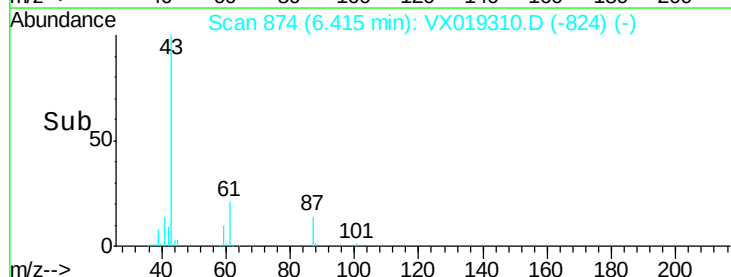
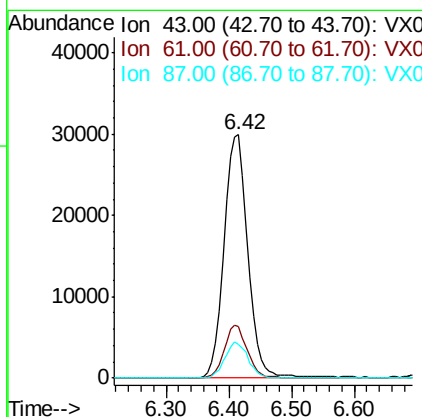
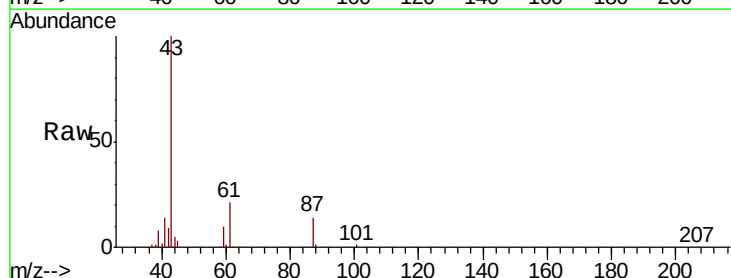
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB132824TB

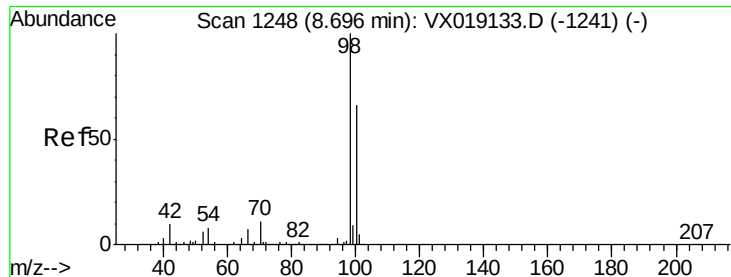
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.3 | 82.3  | 123.5 |
| 192     | 19.0  | 16.2  | 24.2  |



#43  
 Isopropyl Acetate  
 Concen: 11.734 ug/l  
 RT: 6.42 min Scan# 874  
 Delta R.T. 0.01 min  
 Lab File: VX019310.D  
 Acq: 05 Nov 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.8  | 17.8  | 26.6  |
| 87      | 14.4  | 12.6  | 19.0  |

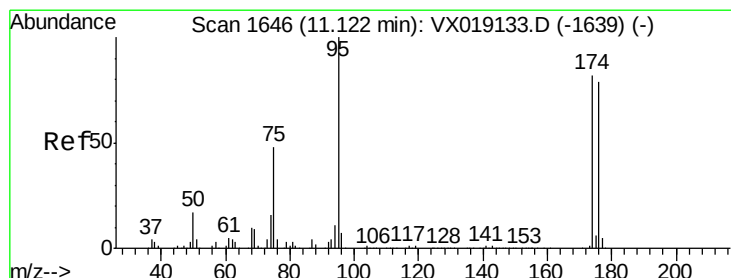
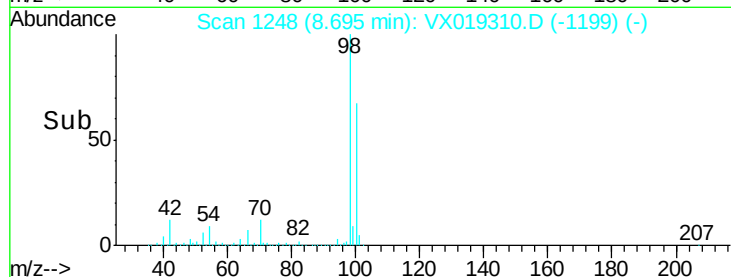
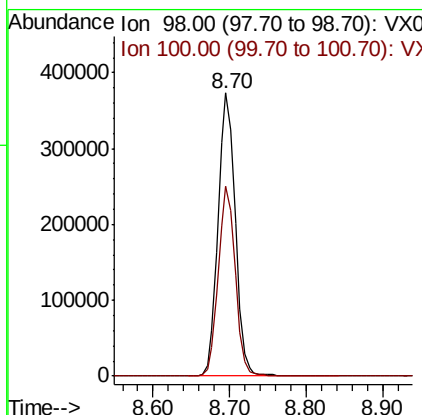
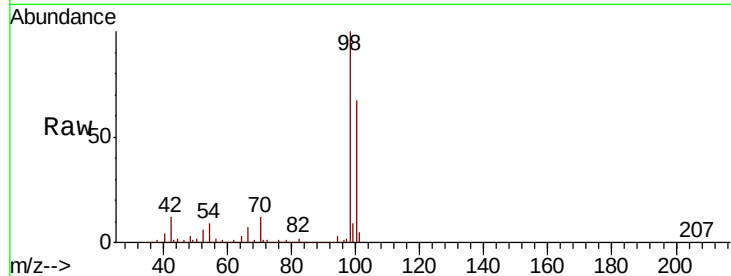




#50  
Toluene-d8  
Concen: 52.598 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX019310.D  
Acq: 05 Nov 2020 13:48

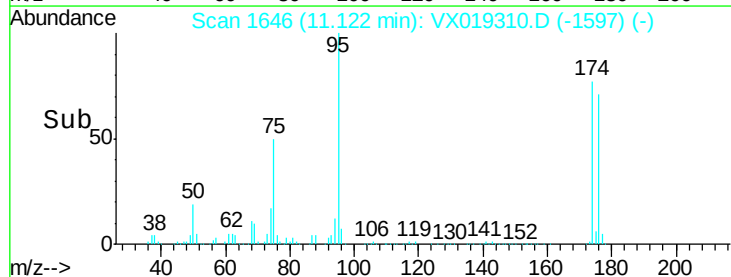
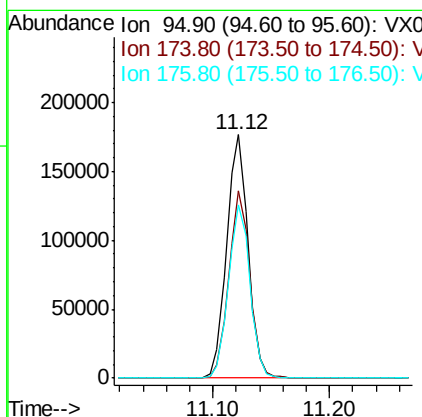
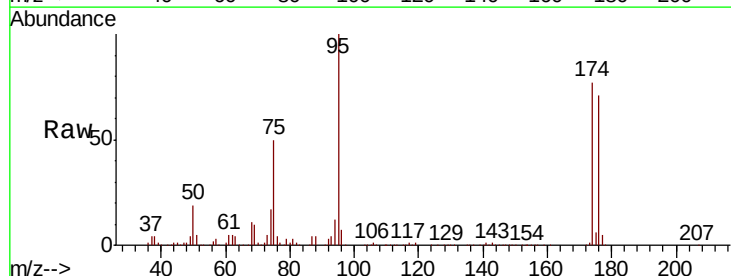
Instrument :  
MSVOA\_X  
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PB132824TB

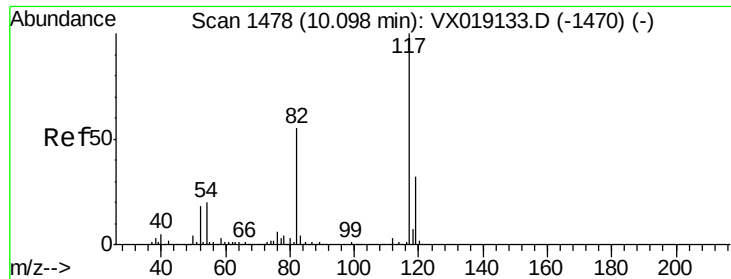
Tot Ion: 98 Resp: 584031  
Ion Ratio Lower Upper  
98 100  
100 65.9 53.0 79.6



#62  
4-Bromofluorobenzene  
Concen: 53.500 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX019310.D  
Acq: 05 Nov 2020 13:48

Tgt Ion: 95 Resp: 224970  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 156.0  
176 71.9 0.0 149.8

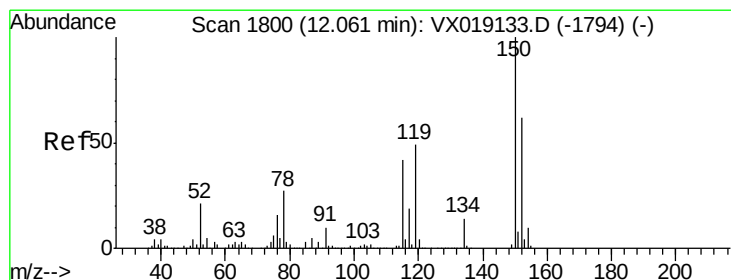
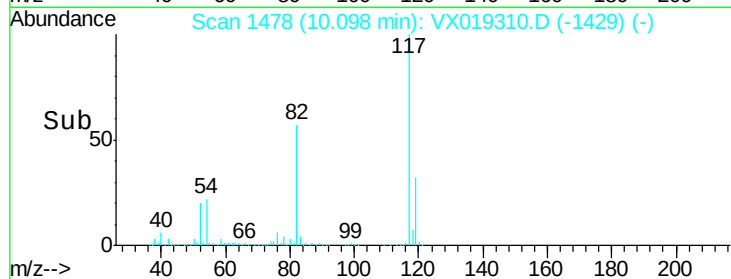
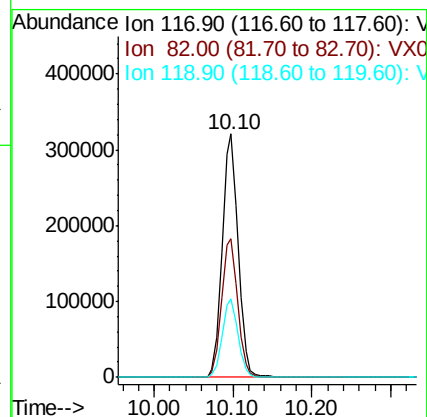
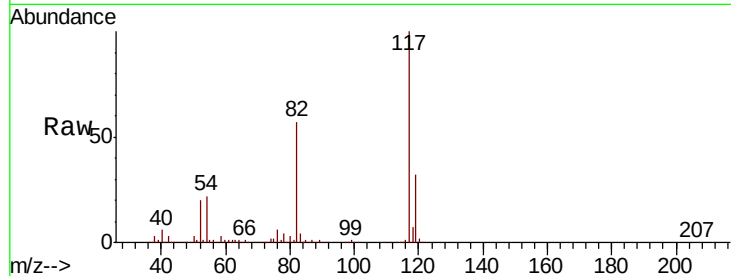




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX019310.D  
Acq: 05 Nov 2020 13:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB132824TB

Tot Ion:117 Resp: 451303  
Ion Ratio Lower Upper  
117 100  
82 57.0 43.6 65.4  
119 32.4 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX019310.D  
Acq: 05 Nov 2020 13:48

Tgt Ion:152 Resp: 223939  
Ion Ratio Lower Upper  
152 100  
115 62.3 41.9 125.7  
150 160.5 0.0 347.8

