

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\  
 Data File : VX018198.D  
 Acq On : 01 Sep 2020 17:34  
 Operator : JC/SP  
 Sample : PB131314ZHE#14  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB131314ZHE#14

Quant Time: Sep 02 04:08:35 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

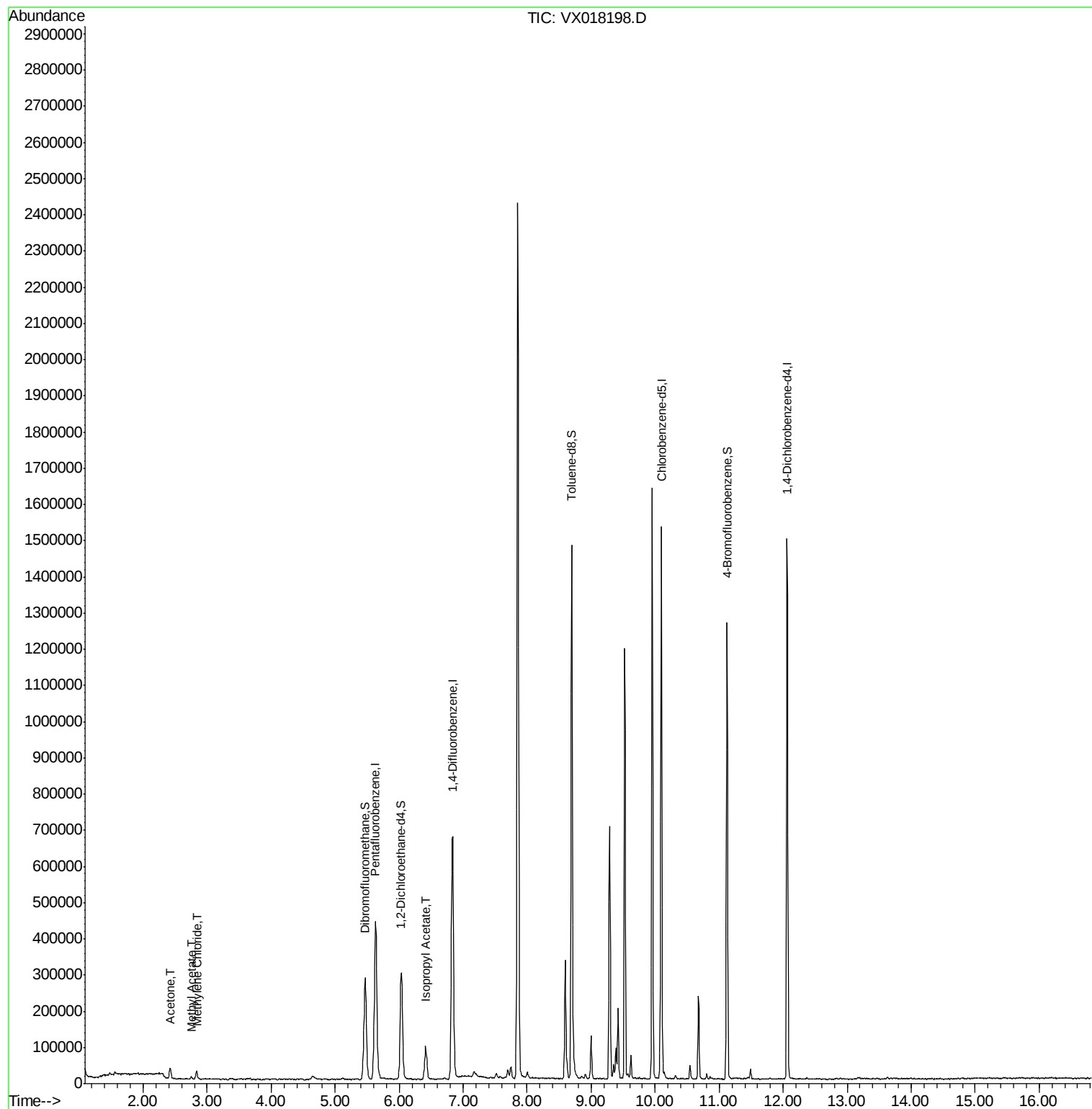
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 398138   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 671370   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 672418   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 309861   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 300992   | 54.46  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 108.92% |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 237093   | 51.85  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.70% |          |
| 50) Toluene-d8              | 8.70  | 98   | 860859   | 50.55  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.10% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 312099   | 46.58  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.16%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.42  | 43   | 34204    | 15.881 | ug/l #  | 86       |
| 18) Methyl Acetate          | 2.75  | 43   | 7310     | 1.407  | ug/l    | 91       |
| 20) Methylene Chloride      | 2.84  | 84   | 11230    | 1.415  | ug/l    | 95       |
| 43) Isopropyl Acetate       | 6.42  | 43   | 123159   | 10.602 | ug/l    | 98       |

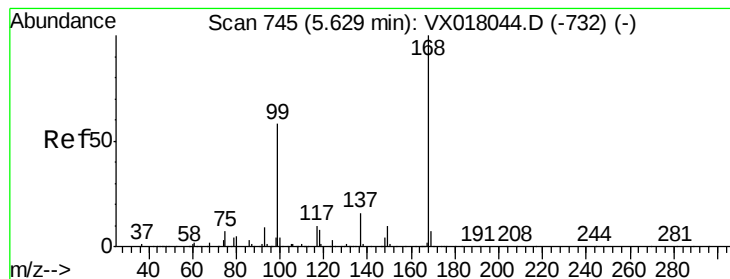
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 03:03:56 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: VX018198.D

Acq: 01 Sep 2020 17:34

Instrument :

MSVOA\_X

ClientSampleId :

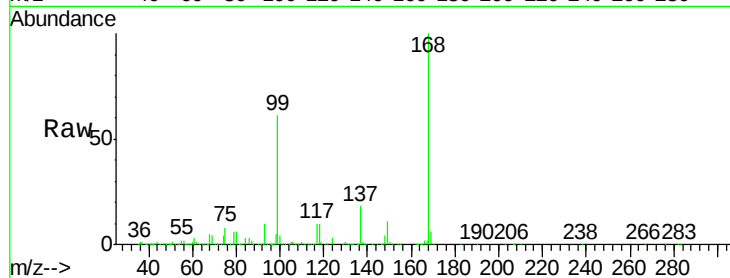
PB131314ZHE#14

Tot Ion:168 Resp: 398138

Ion Ratio Lower Upper

168 100

99 60.6 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

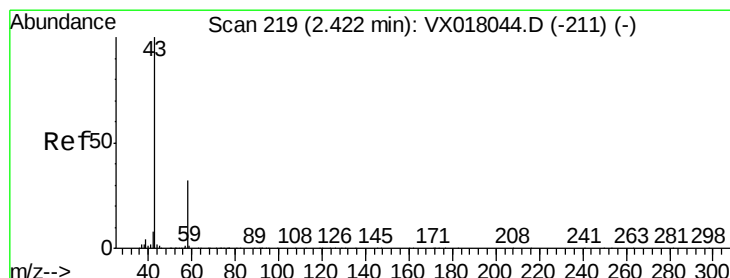
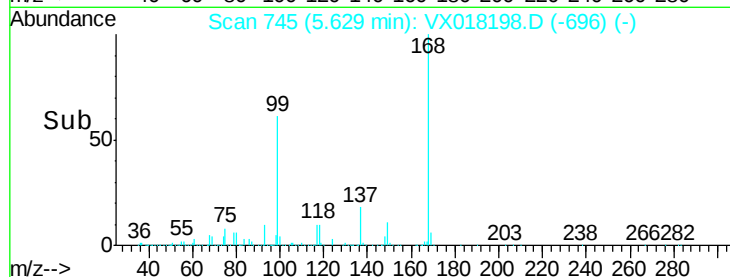
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 15.881 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018198.D

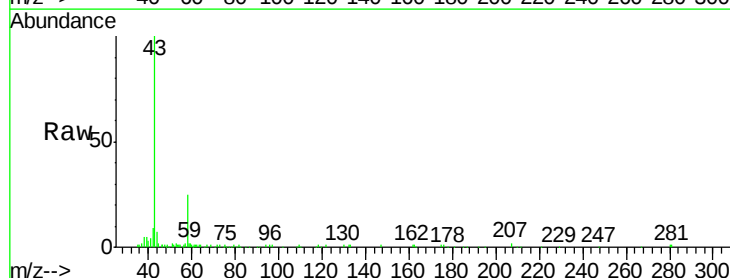
Acq: 01 Sep 2020 17:34

Tgt Ion: 43 Resp: 34204

Ion Ratio Lower Upper

43 100

58 24.3 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

15000

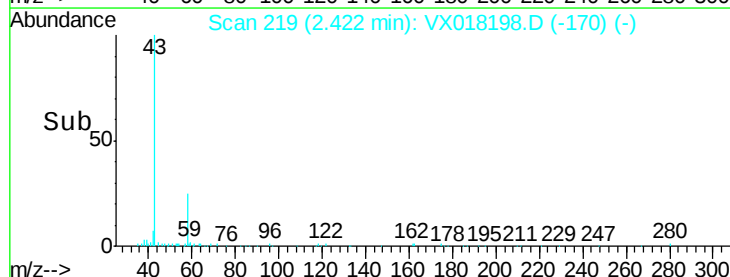
10000

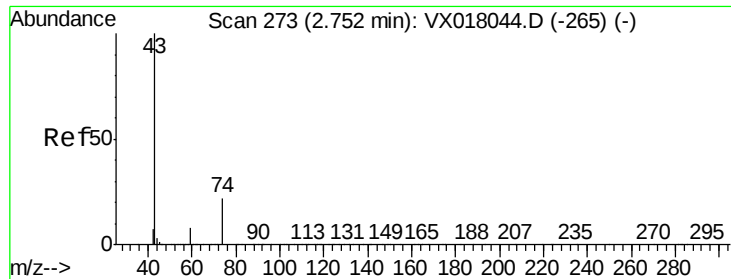
5000

0

Time-->

2.35 2.40 2.45 2.50

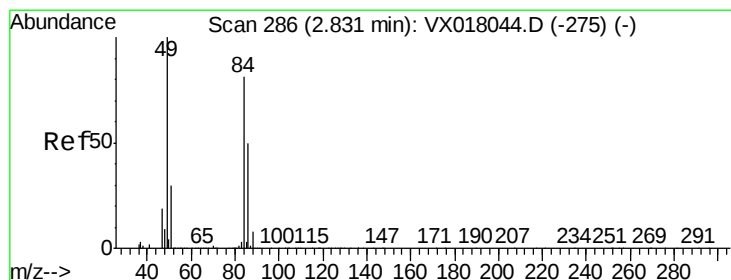
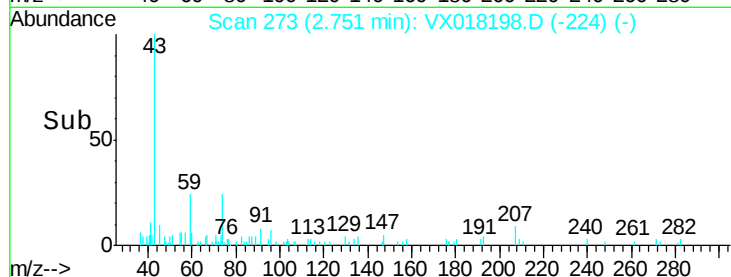
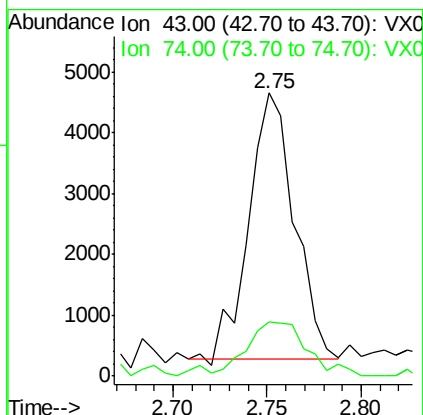
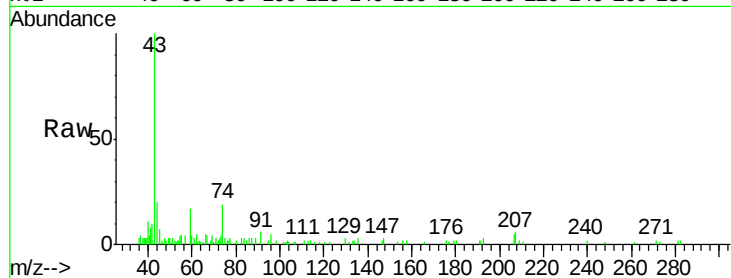




#18  
Methyl Acetate  
Concen: 1.407 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. -0.00 min  
Lab File: VX018198.D  
Acq: 01 Sep 2020 17:34

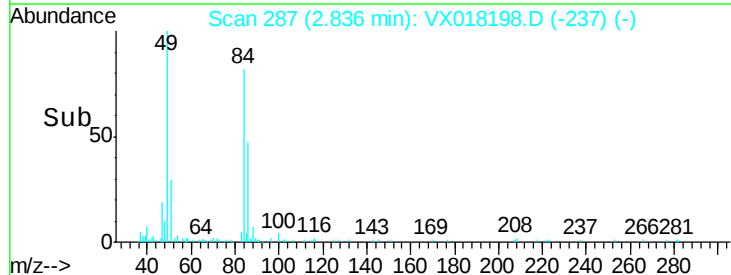
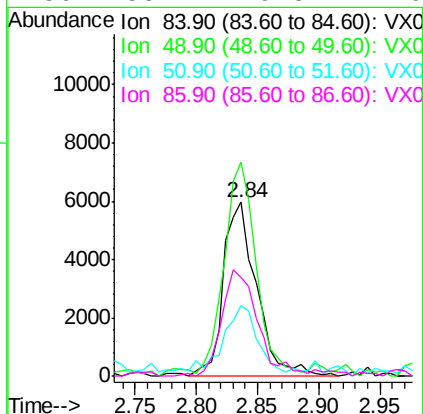
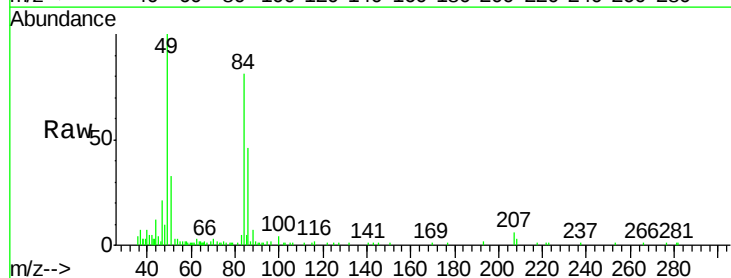
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB131314ZHE#14

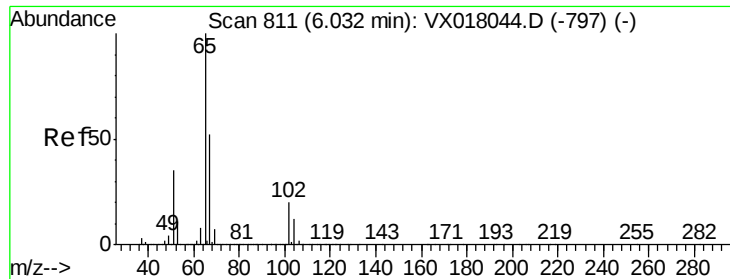
Tot Ion: 43 Resp: 7310  
Ion Ratio Lower Upper  
43 100  
74 27.0 18.2 27.4



#20  
Methylene Chloride  
Concen: 1.415 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.01 min  
Lab File: VX018198.D  
Acq: 01 Sep 2020 17:34

Tgt Ion: 84 Resp: 11230  
Ion Ratio Lower Upper  
84 100  
49 119.1 98.6 148.0  
51 37.4 29.6 44.4  
86 55.4 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 54.457 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018198.D

Acq: 01 Sep 2020 17:34

Instrument :

MSVOA\_X

ClientSampleId :

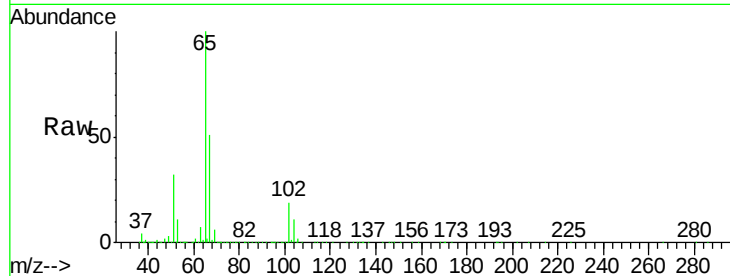
PB131314ZHE#14

Tot Ion: 65 Resp: 300992

Ion Ratio Lower Upper

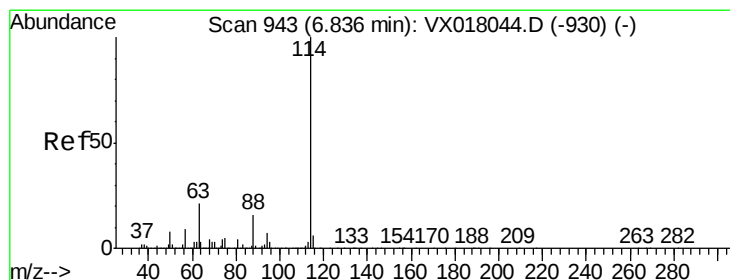
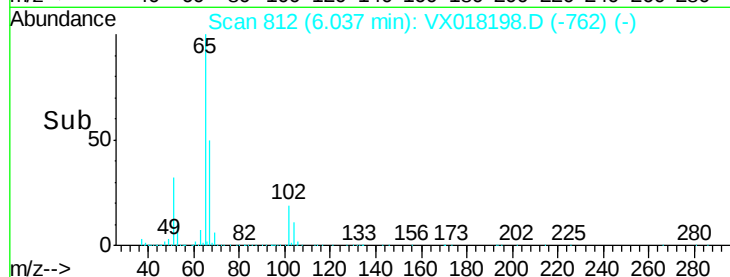
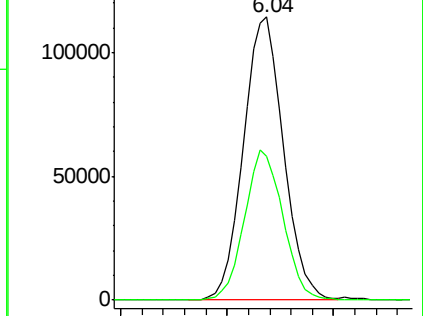
65 100

67 51.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018198.D

Acq: 01 Sep 2020 17:34

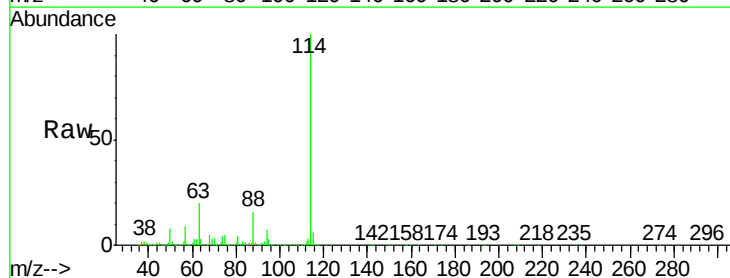
Tgt Ion: 114 Resp: 671370

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

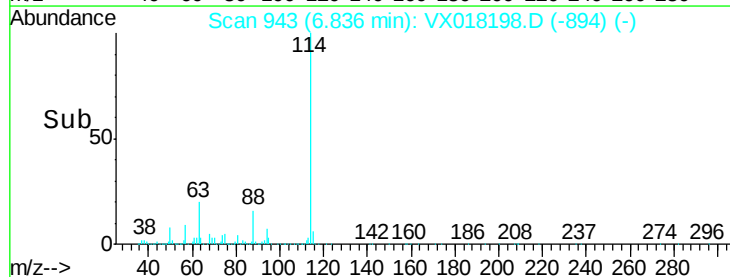
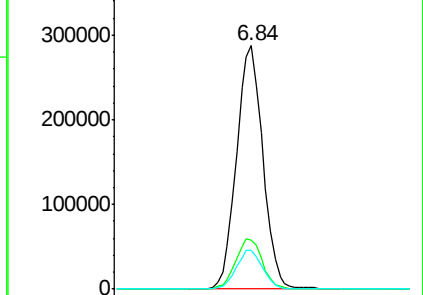
88 16.1 0.0 31.8

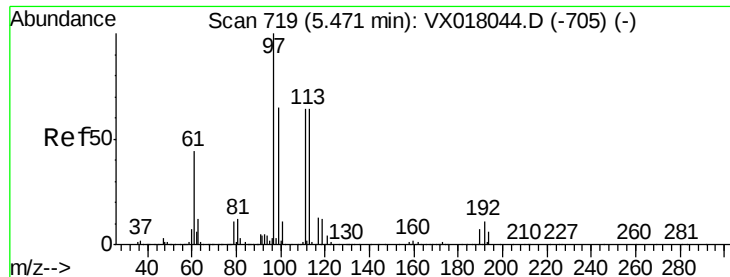


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.854 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018198.D

Acq: 01 Sep 2020 17:34

Instrument :

MSVOA\_X

ClientSampleId :

PB131314ZHE#14

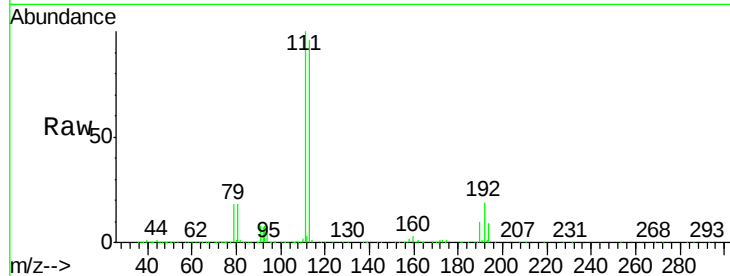
Tot Ion:113 Resp: 237093

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

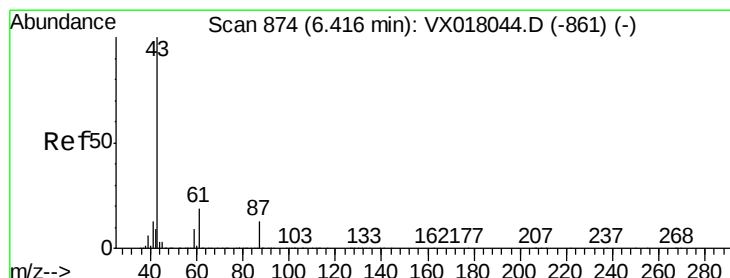
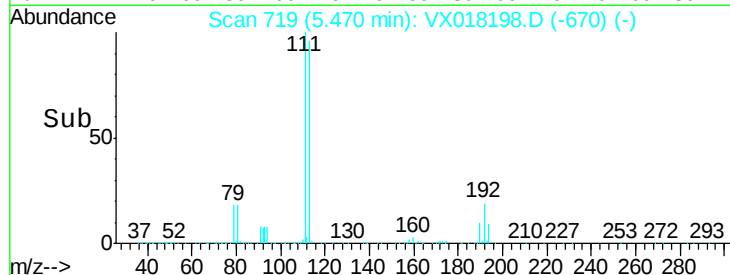
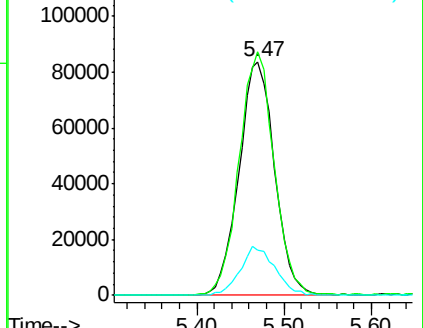
192 20.4 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 10.602 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018198.D

Acq: 01 Sep 2020 17:34

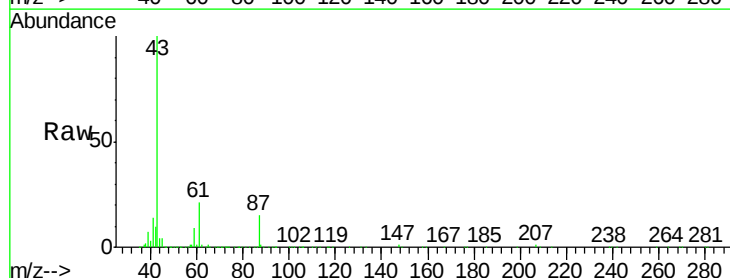
Tgt Ion: 43 Resp: 123159

Ion Ratio Lower Upper

43 100

61 20.3 15.7 23.5

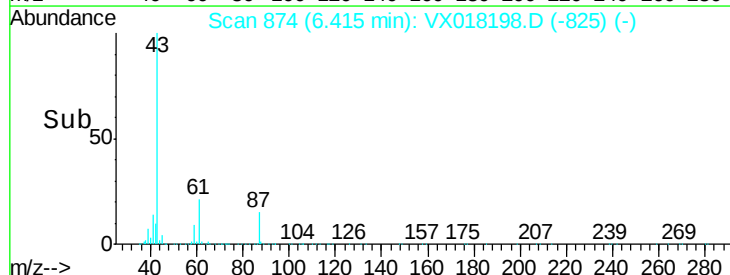
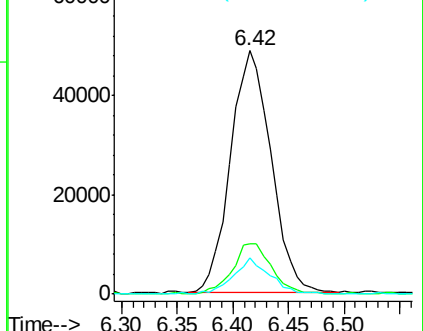
87 13.6 10.3 15.5

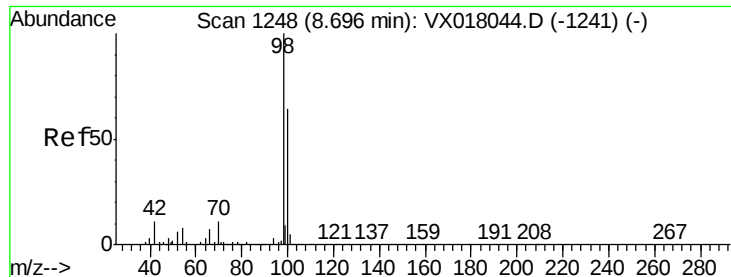


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.550 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018198.D

Acq: 01 Sep 2020 17:34

Instrument :

MSVOA\_X

ClientSampleId :

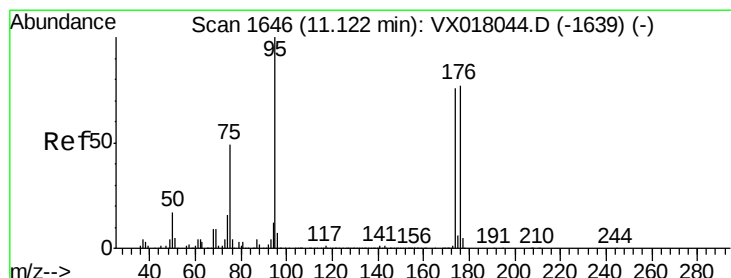
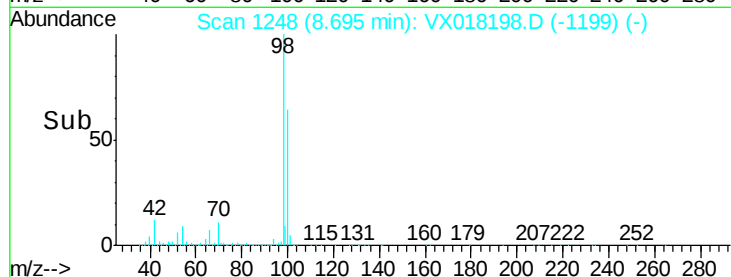
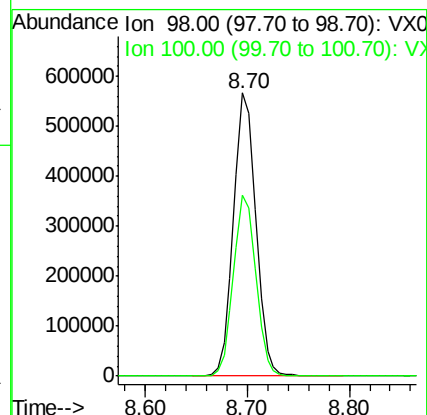
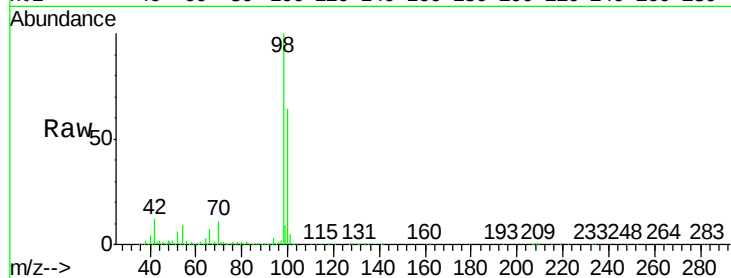
PB131314ZHE#14

Tot Ion: 98 Resp: 860859

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 46.580 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018198.D

Acq: 01 Sep 2020 17:34

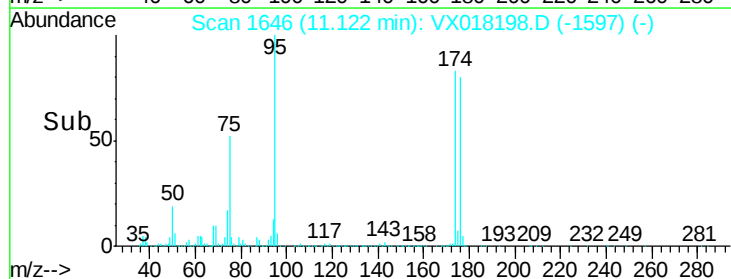
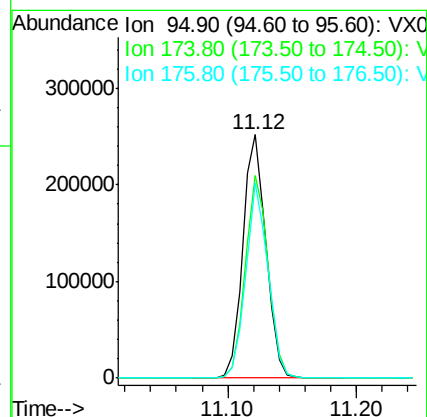
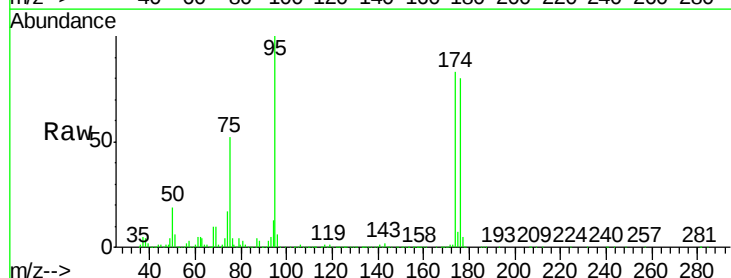
Tgt Ion: 95 Resp: 312099

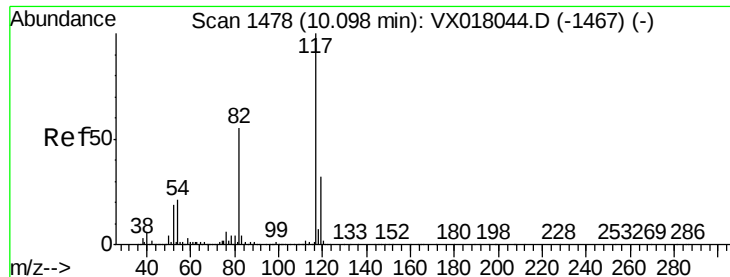
Ion Ratio Lower Upper

95 100

174 82.5 0.0 160.2

176 77.2 0.0 155.8

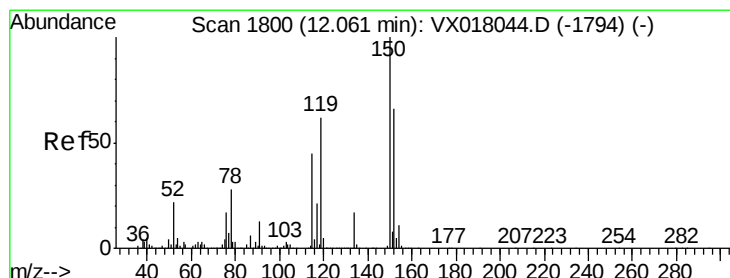
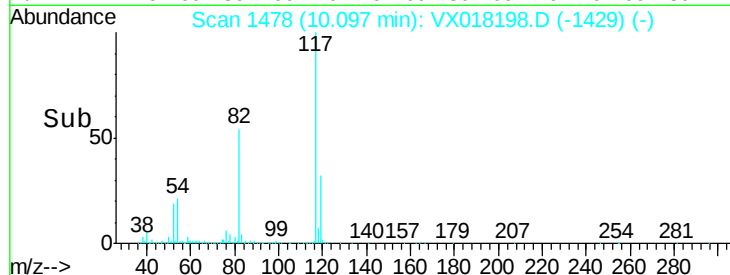
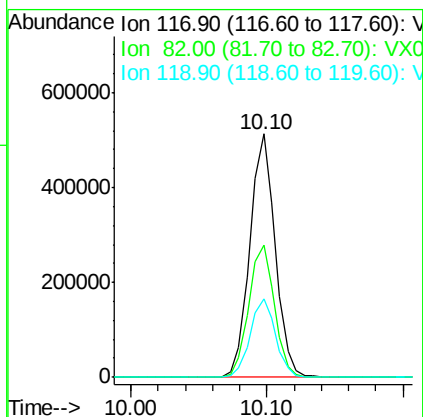
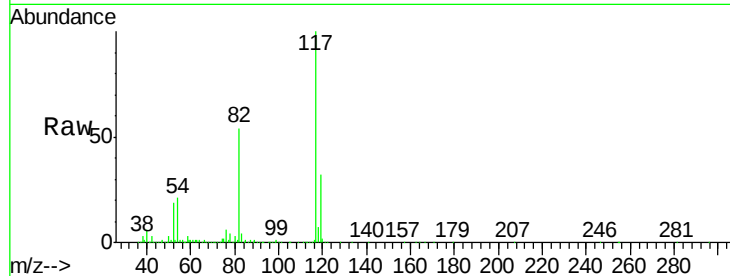




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018198.D  
Acq: 01 Sep 2020 17:34

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PB131314ZHE#14

Tot Ion:117 Resp: 672418  
Ion Ratio Lower Upper  
117 100  
82 54.1 44.2 66.2  
119 32.1 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX018198.D  
Acq: 01 Sep 2020 17:34

Tgt Ion:152 Resp: 309861  
Ion Ratio Lower Upper  
152 100  
115 59.9 41.5 124.5  
150 156.9 0.0 343.8

