

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX090820\  
 Data File : VX018285.D  
 Acq On : 08 Sep 2020 19:05  
 Operator : JC/SP  
 Sample : PB131451ZHE#06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB131451ZHE#06

Quant Time: Sep 09 02:29:19 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

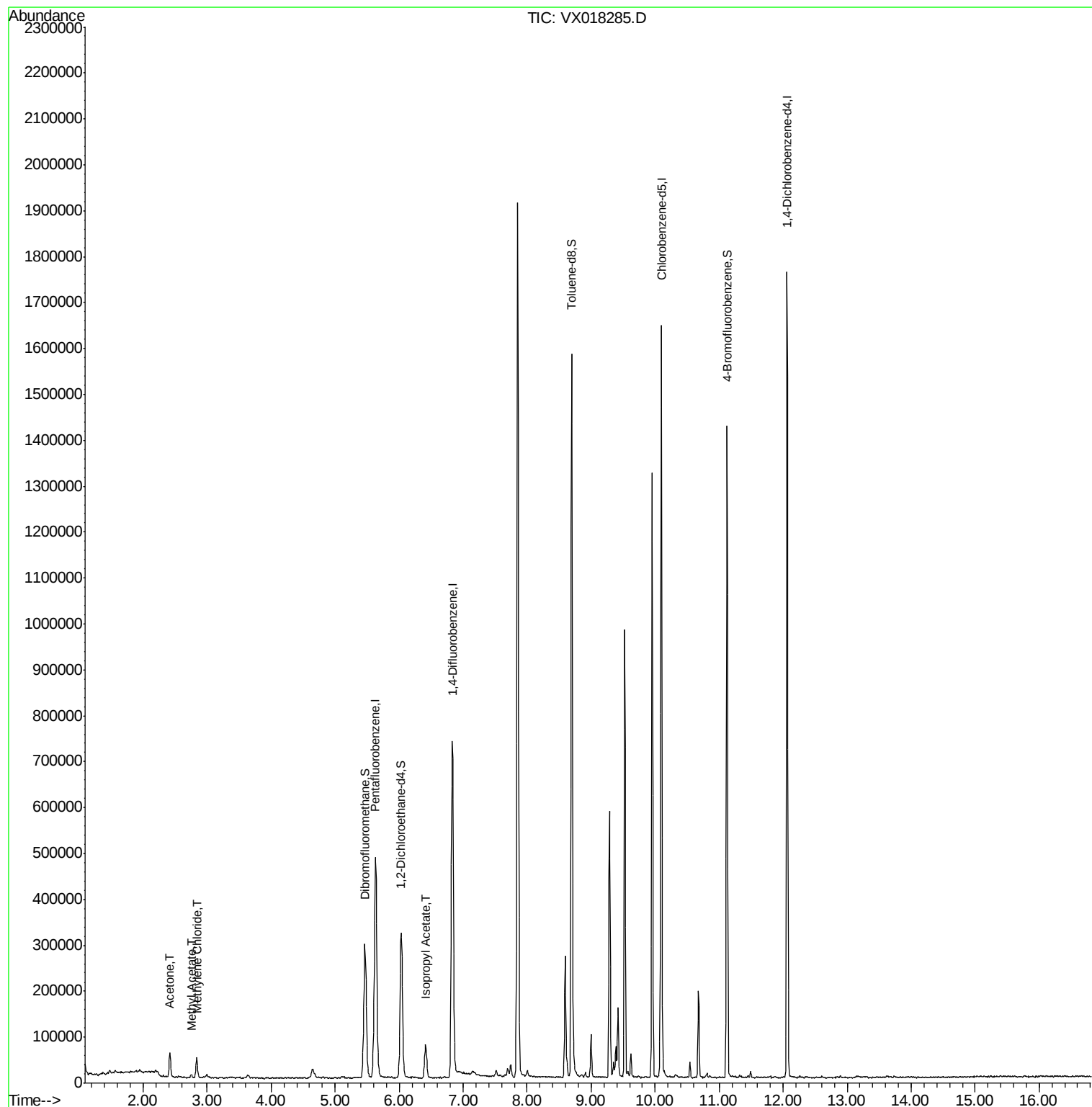
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 440910   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 720854   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 728603   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 358572   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 319034   | 52.12  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.24% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 252600   | 51.45  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.90% |          |
| 50) Toluene-d8              | 8.70  | 98   | 928300   | 50.77  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.54% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 354818   | 49.32  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.64%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.42  | 43   | 56111    | 23.526 | ug/l    | 95       |
| 18) Methyl Acetate          | 2.75  | 43   | 5899     | 1.025  | ug/l #  | 62       |
| 20) Methylene Chloride      | 2.84  | 84   | 20198    | 3.045  | ug/l #  | 90       |
| 43) Isopropyl Acetate       | 6.42  | 43   | 98308    | 7.882  | ug/l    | 100      |

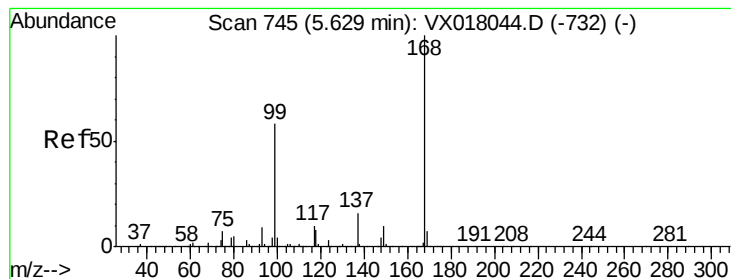
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX018285.D

Acq: 08 Sep 2020 19:05

Instrument :

MSVOA\_X

ClientSampleId :

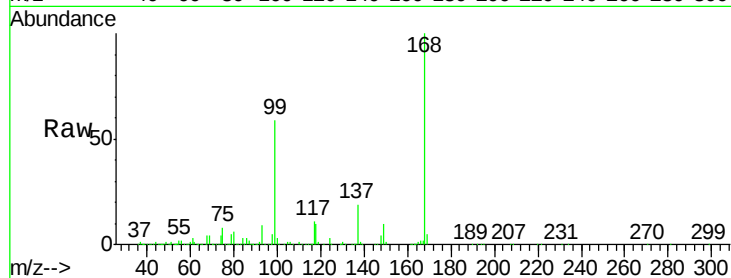
PB131451ZHE#06

Tgt Ion:168 Resp: 440910

Ion Ratio Lower Upper

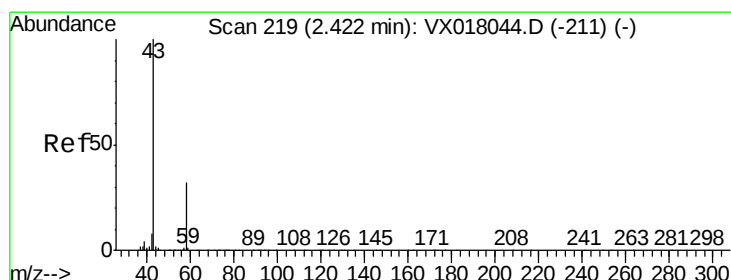
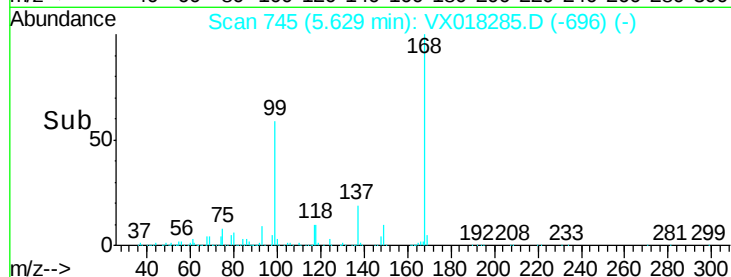
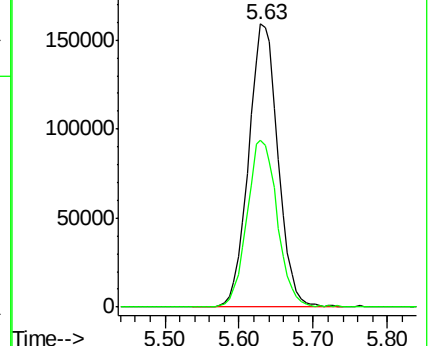
168 100

99 58.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 23.526 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018285.D

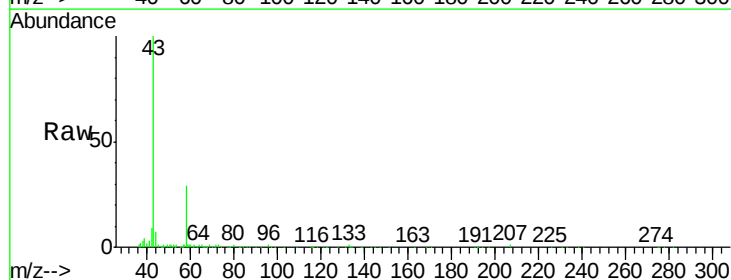
Acq: 08 Sep 2020 19:05

Tgt Ion: 43 Resp: 56111

Ion Ratio Lower Upper

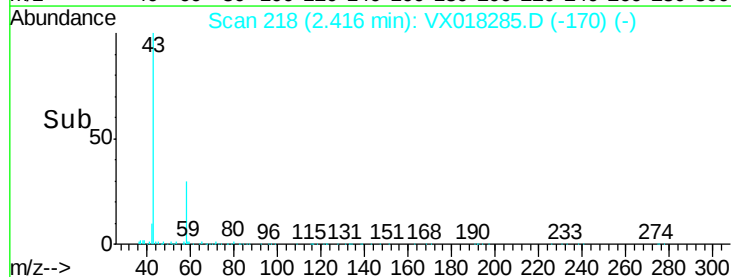
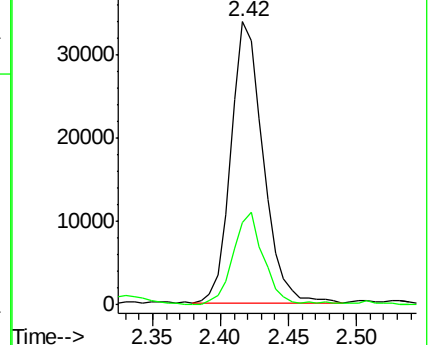
43 100

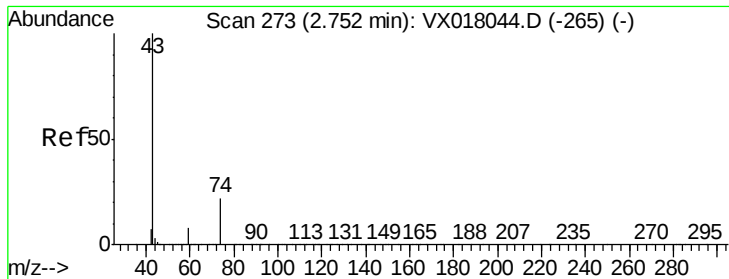
58 29.1 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

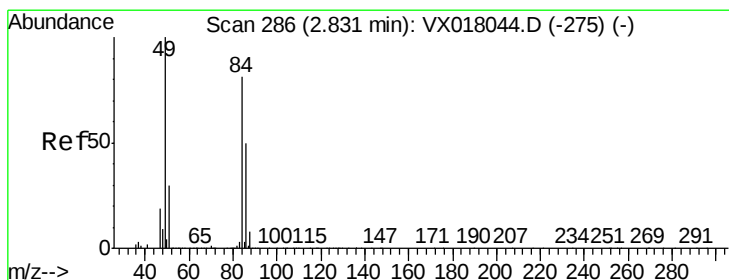
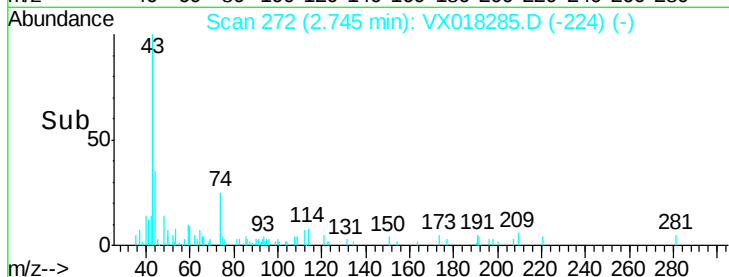
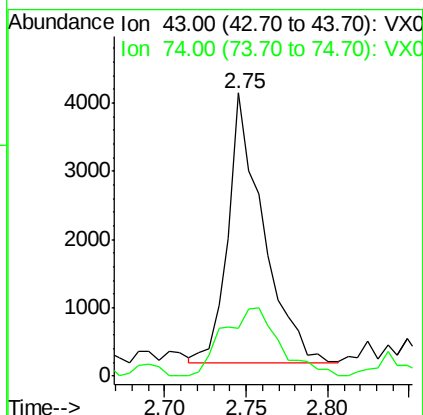
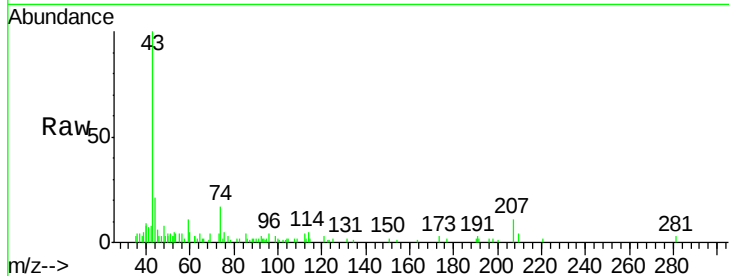




#18  
Methyl Acetate  
Concen: 1.025 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX018285.D  
Acq: 08 Sep 2020 19:05

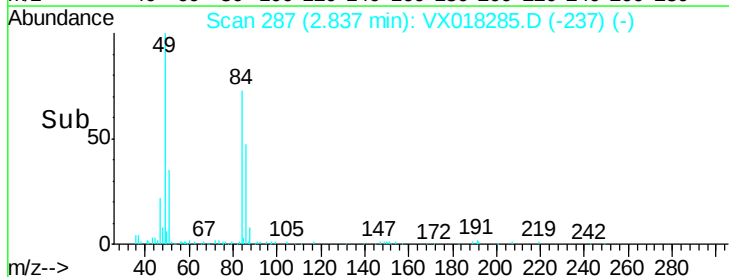
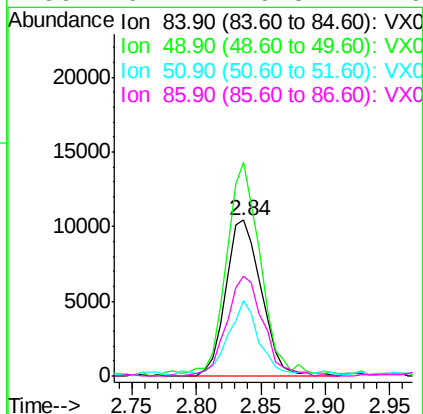
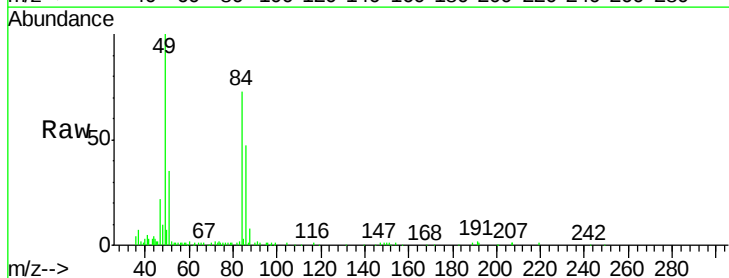
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB131451ZHE#06

Tgt Ion: 43 Resp: 5899  
Ion Ratio Lower Upper  
43 100  
74 41.3 18.2 27.4#



#20  
Methylene Chloride  
Concen: 3.045 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.01 min  
Lab File: VX018285.D  
Acq: 08 Sep 2020 19:05

Tgt Ion: 84 Resp: 20198  
Ion Ratio Lower Upper  
84 100  
49 135.8 98.6 148.0  
51 47.5 29.6 44.4#  
86 64.2 49.8 74.6

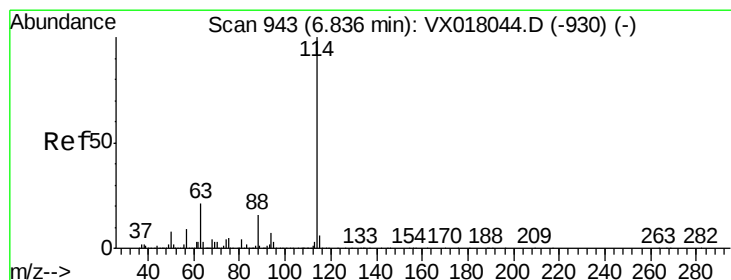
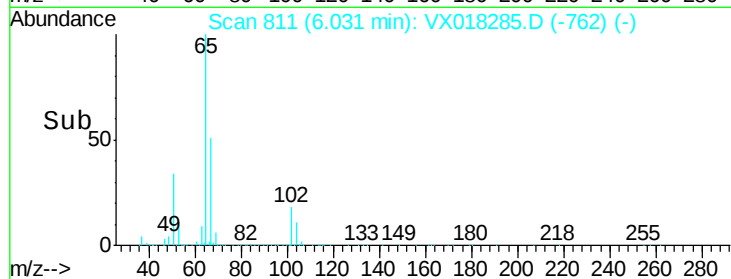
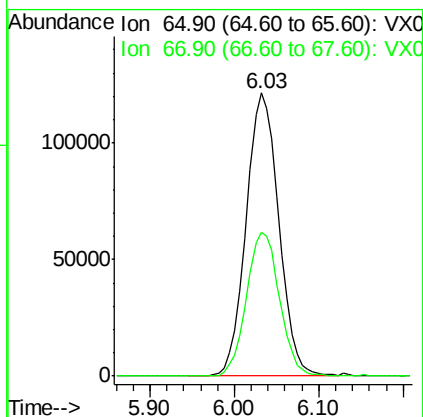
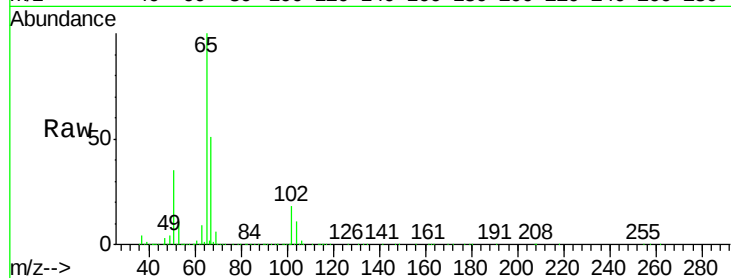




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.122 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX018285.D  
 Acq: 08 Sep 2020 19:05

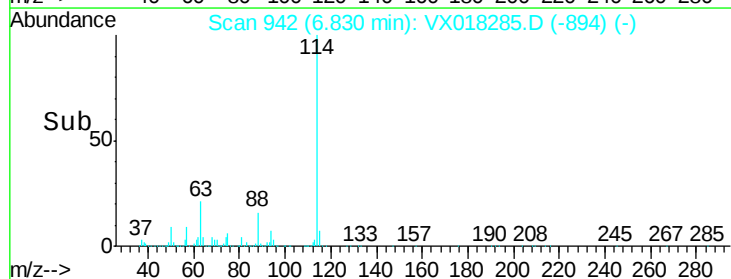
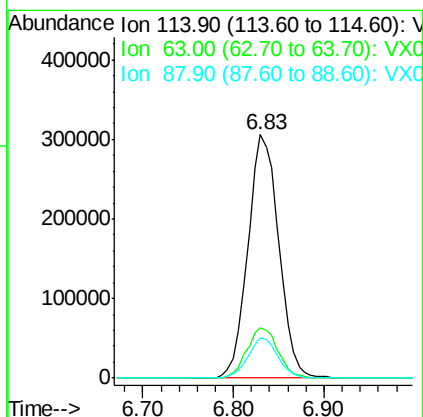
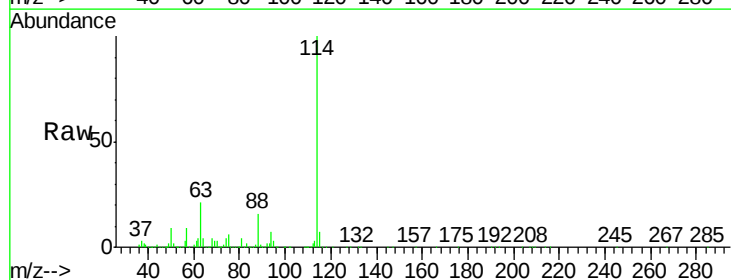
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB131451ZHE#06

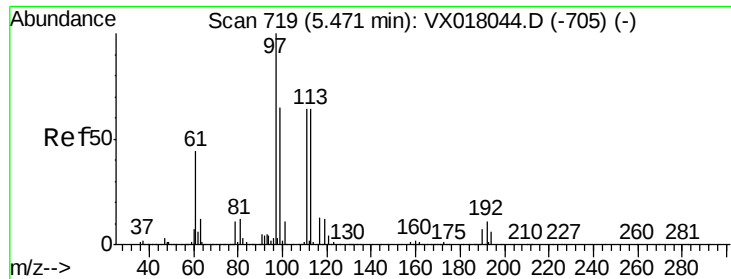
Tgt Ion: 65 Resp: 319034  
 Ion Ratio Lower Upper  
 65 100  
 67 51.4 0.0 105.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: VX018285.D  
 Acq: 08 Sep 2020 19:05

Tgt Ion: 114 Resp: 720854  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 42.6  
 88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.453 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018285.D

Acq: 08 Sep 2020 19:05

Instrument :

MSVOA\_X

ClientSampleId :

PB131451ZHE#06

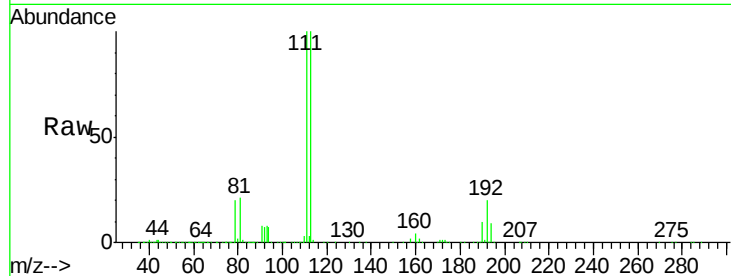
Tgt Ion: 113 Resp: 252600

Ion Ratio Lower Upper

113 100

111 100.3 81.6 122.4

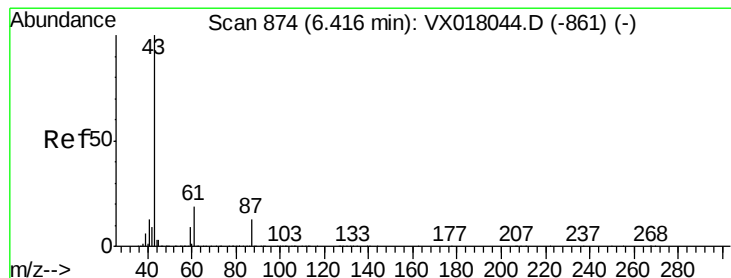
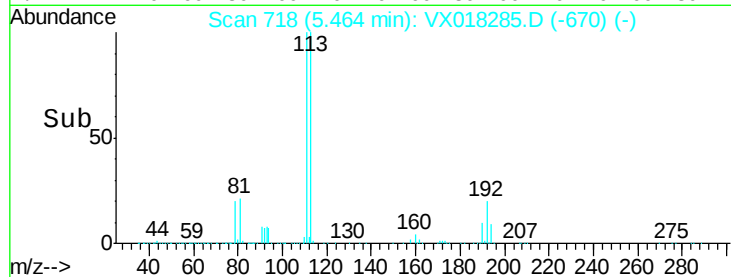
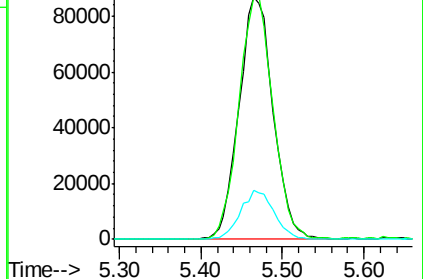
192 19.9 15.8 23.8



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: 7.882 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018285.D

Acq: 08 Sep 2020 19:05

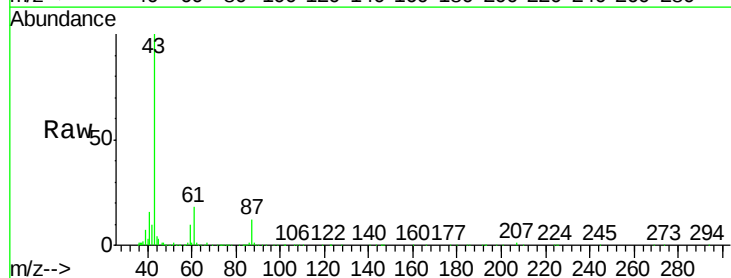
Tgt Ion: 43 Resp: 98308

Ion Ratio Lower Upper

43 100

61 19.6 15.7 23.5

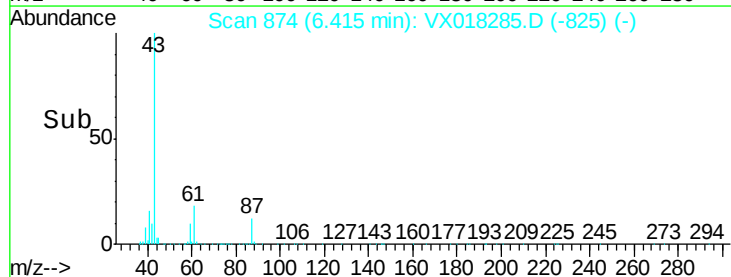
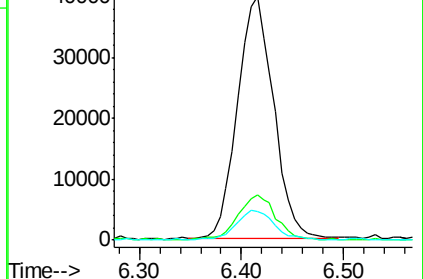
87 13.2 10.3 15.5

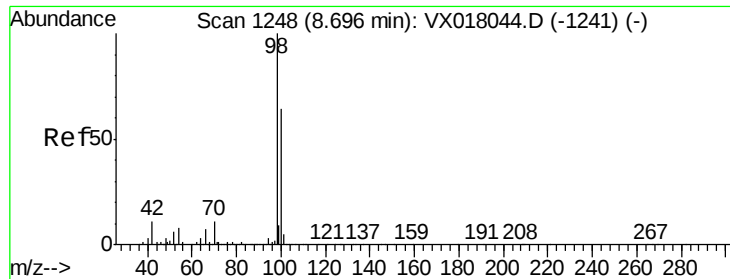


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.768 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018285.D

Acq: 08 Sep 2020 19:05

Instrument :

MSVOA\_X

ClientSampleId :

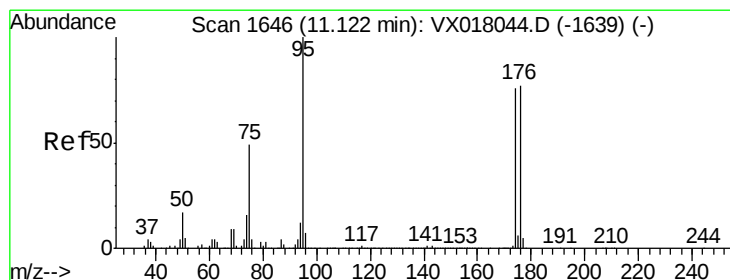
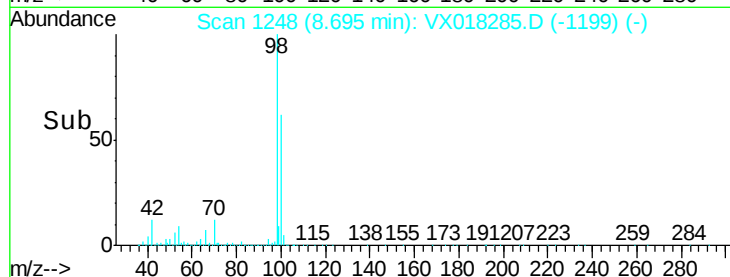
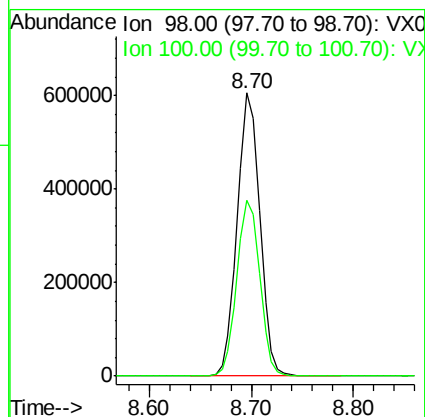
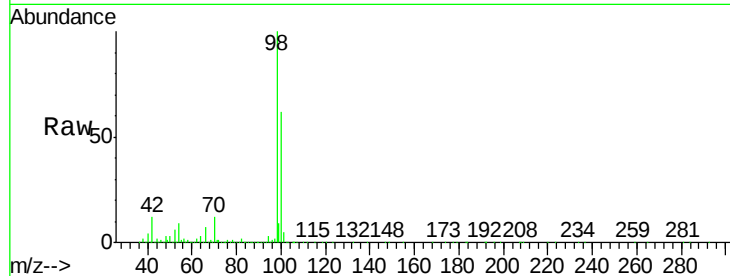
PB131451ZHE#06

Tgt Ion: 98 Resp: 928300

Ion Ratio Lower Upper

98 100

100 62.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 49.320 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018285.D

Acq: 08 Sep 2020 19:05

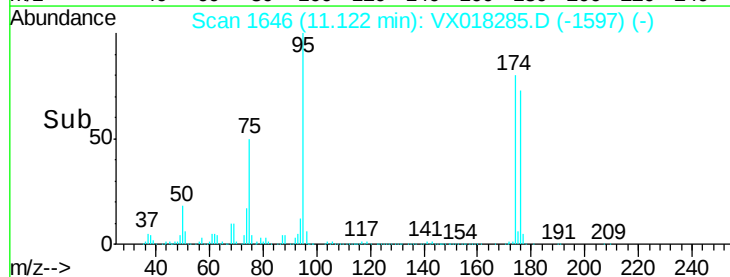
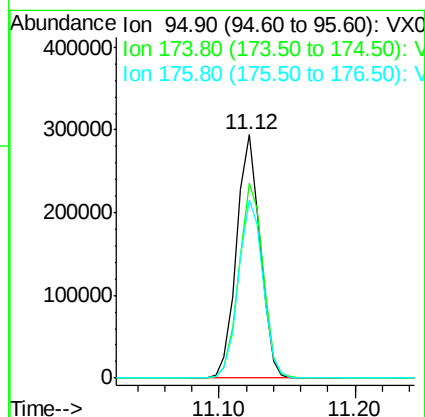
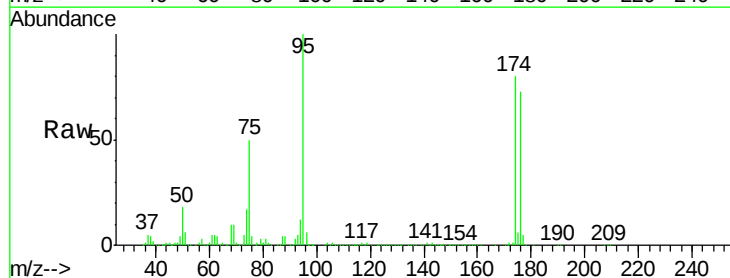
Tgt Ion: 95 Resp: 354818

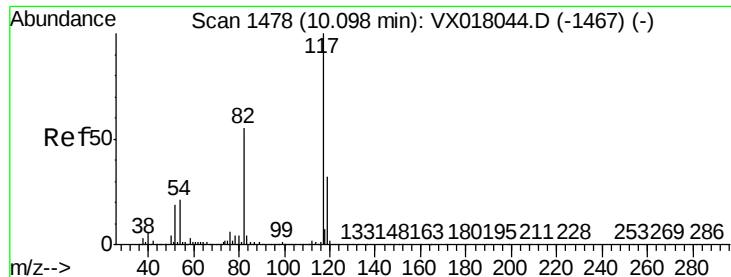
Ion Ratio Lower Upper

95 100

174 82.0 0.0 160.2

176 76.1 0.0 155.8

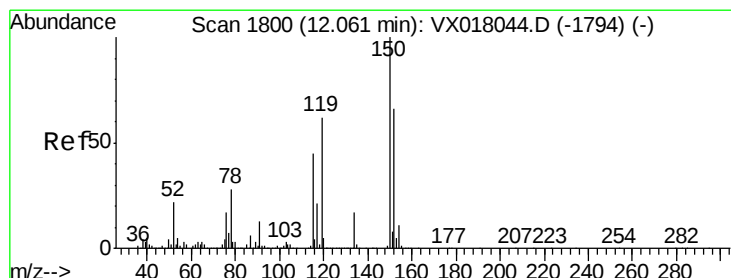
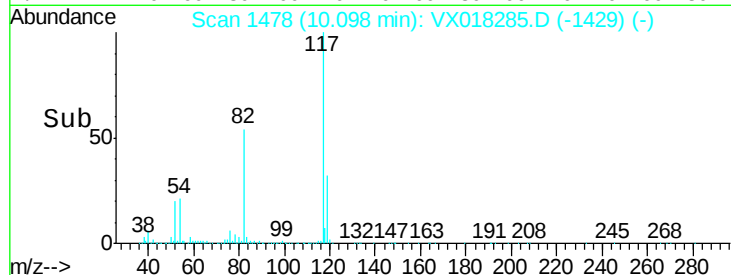
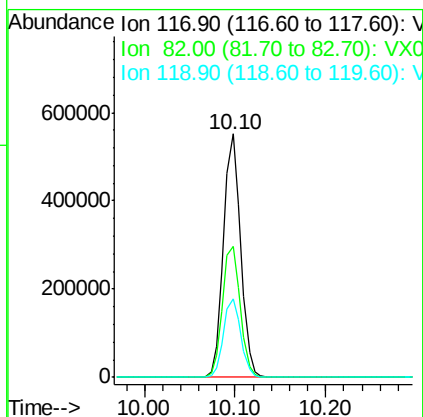
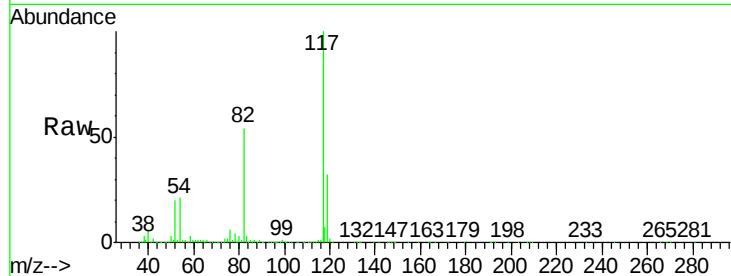




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018285.D  
Acq: 08 Sep 2020 19:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB131451ZHE#06

Tgt Ion:117 Resp: 728603  
Ion Ratio Lower Upper  
117 100  
82 53.5 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: VX018285.D  
Acq: 08 Sep 2020 19:05

Tgt Ion:152 Resp: 358572  
Ion Ratio Lower Upper  
152 100  
115 59.6 41.5 124.5  
150 156.3 0.0 343.8

