

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\  
 Data File : VX019260.D  
 Acq On : 04 Nov 2020 01:37  
 Operator : JC/MD  
 Sample : L4605-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CRT-01

Quant Time: Nov 04 03:15:41 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

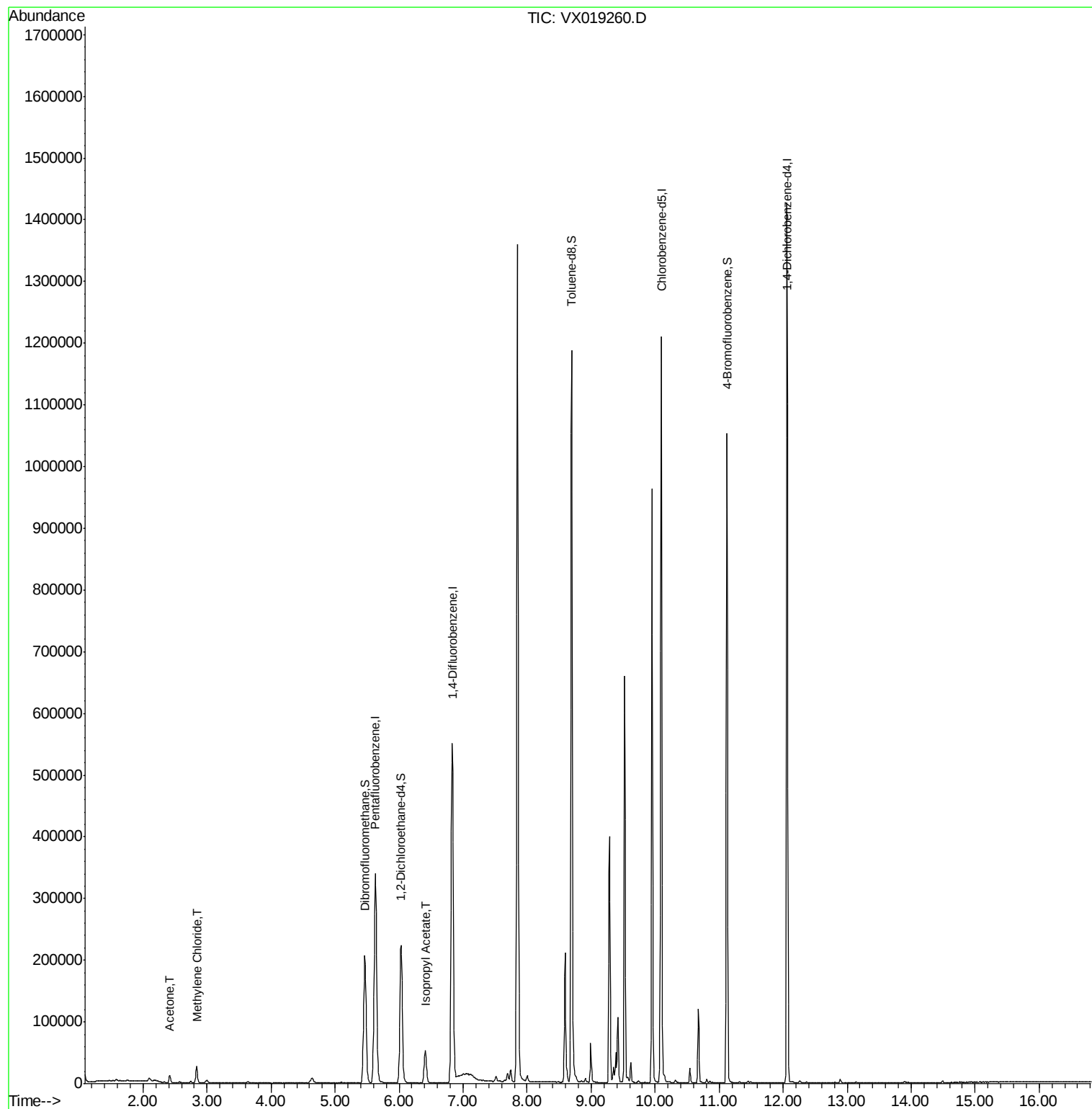
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 316546   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 560589   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 556877   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 283535   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 219073   | 53.66 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 107.32% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 175920   | 49.96 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.92%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 708074   | 53.34 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.68% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 278578   | 55.42 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 110.84% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.42  | 43   | 12486    | 8.866 | ug/l    | 98       |
| 20) Methylene Chloride      | 2.84  | 84   | 12776    | 3.614 | ug/l    | 97       |
| 43) Isopropyl Acetate       | 6.41  | 43   | 71805    | 8.922 | ug/l    | 99       |

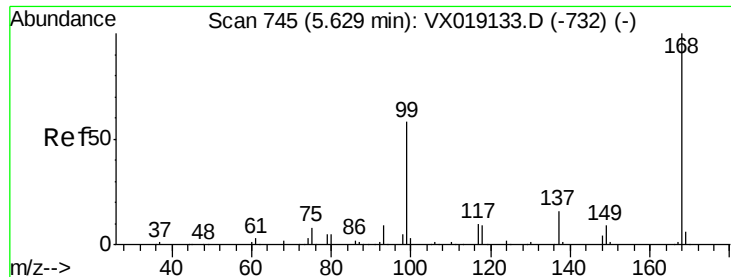
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019260.D

Acq: 04 Nov 2020 01:37

Instrument :

MSVOA\_X

ClientSampled :

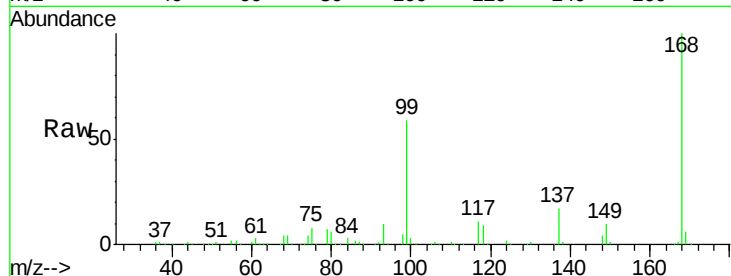
CRT-01

Tot Ion:168 Resp: 316546

Ion Ratio Lower Upper

168 100

99 59.1 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

120000

100000

80000

60000

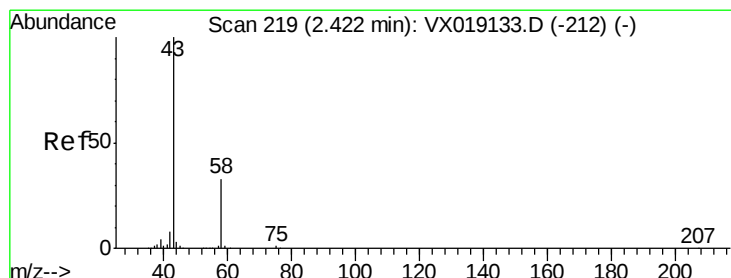
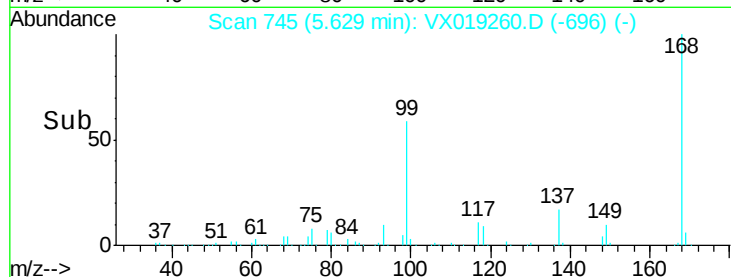
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.866 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019260.D

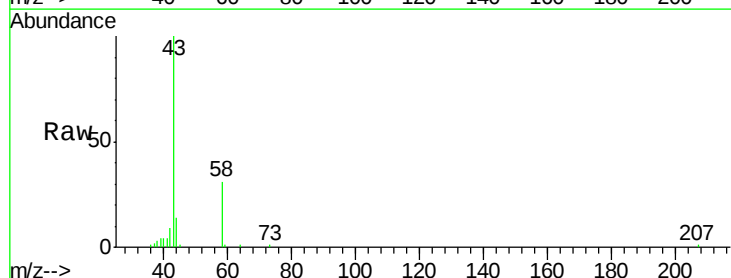
Acq: 04 Nov 2020 01:37

Tgt Ion: 43 Resp: 12486

Ion Ratio Lower Upper

43 100

58 31.6 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

8000

6000

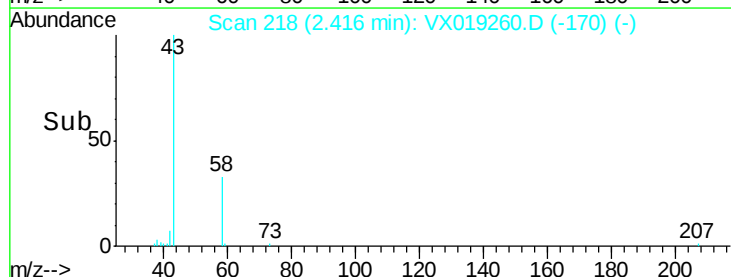
4000

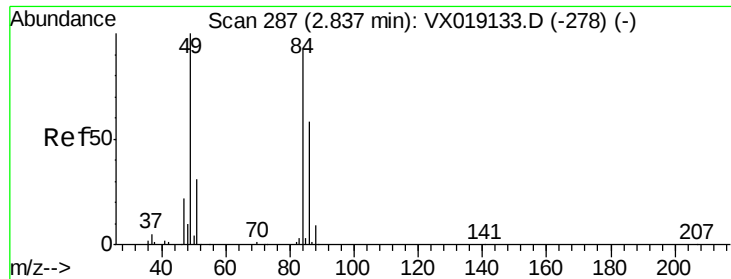
2000

0

Time-->

2.30 2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 3.614 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX019260.D

Acq: 04 Nov 2020 01:37

Instrument :

MSVOA\_X

ClientSampleId :

CRT-01

Tot Ion: 84 Resp: 12776

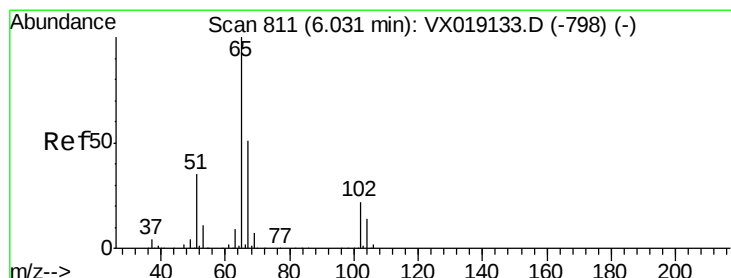
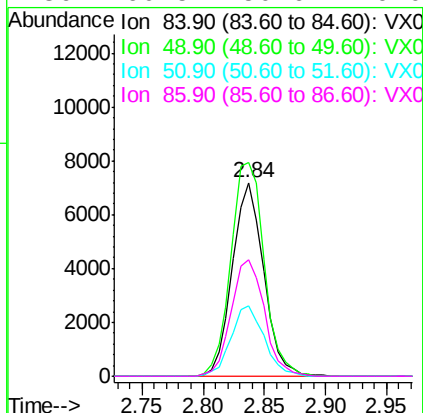
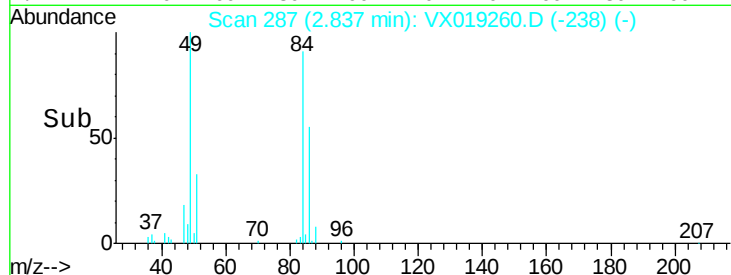
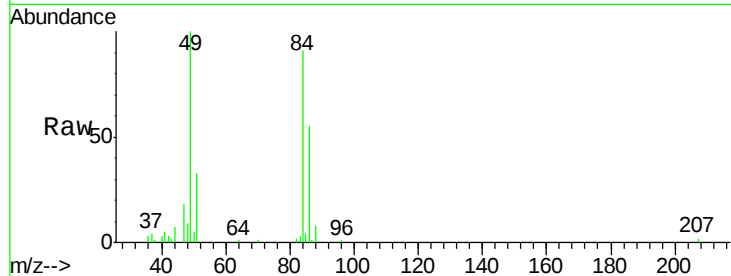
Ion Ratio Lower Upper

84 100

49 110.5 86.8 130.2

51 36.6 27.3 40.9

86 60.5 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 53.665 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019260.D

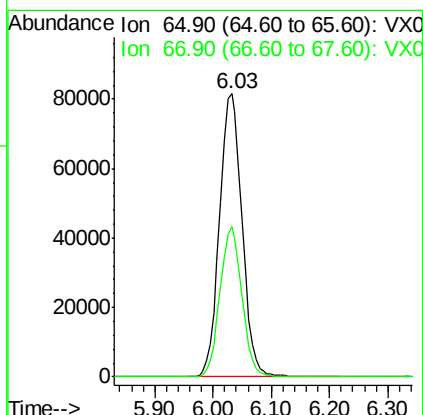
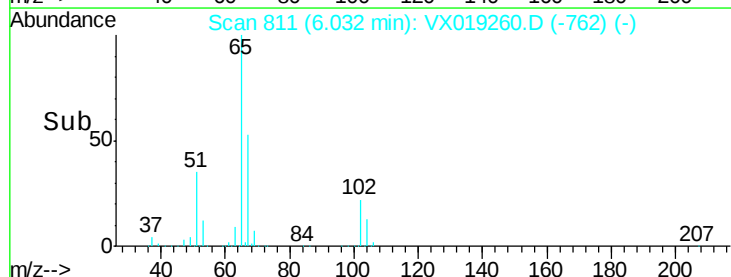
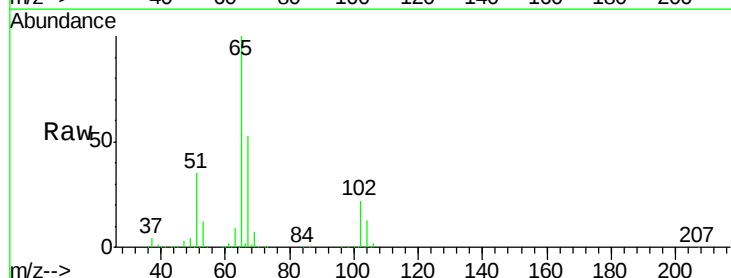
Acq: 04 Nov 2020 01:37

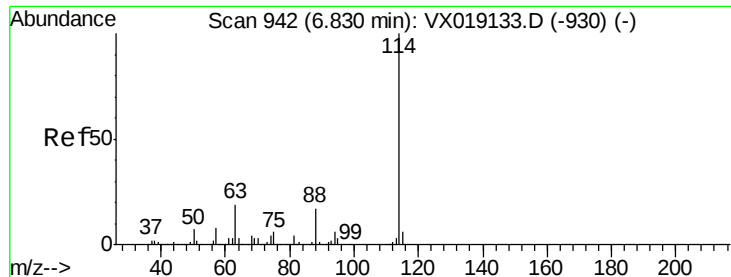
Tgt Ion: 65 Resp: 219073

Ion Ratio Lower Upper

65 100

67 51.7 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: VX019260.D

Acq: 04 Nov 2020 01:37

Instrument :

MSVOA\_X

ClientSampleId :

CRT-01

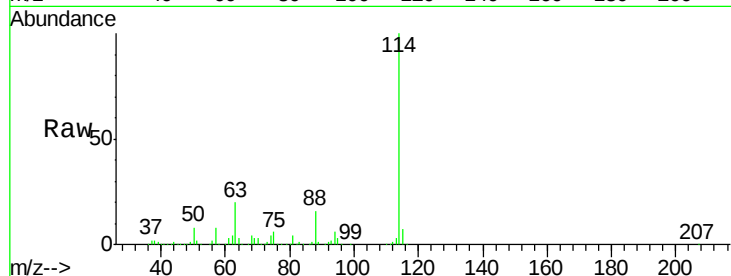
Tot Ion:114 Resp: 560589

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

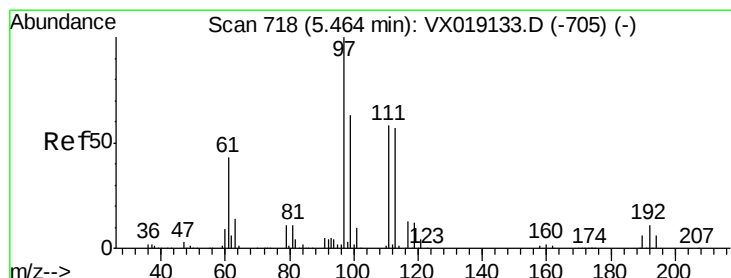
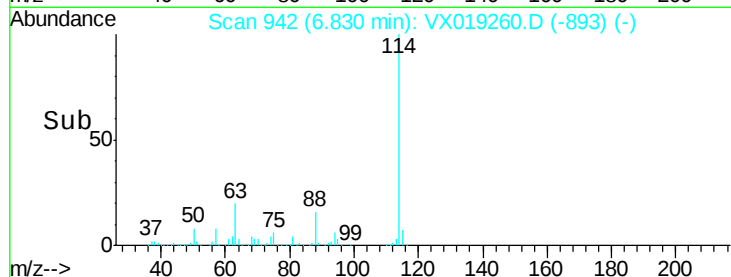
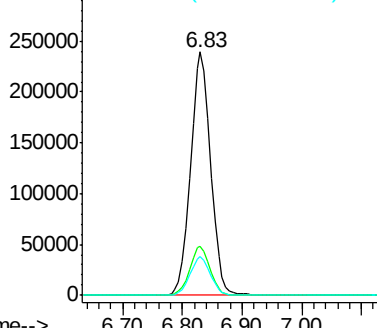
88 15.8 0.0 34.2



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: 49.959 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019260.D

Acq: 04 Nov 2020 01:37

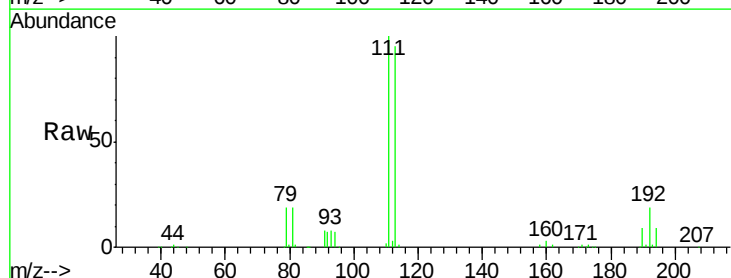
Tgt Ion:113 Resp: 175920

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

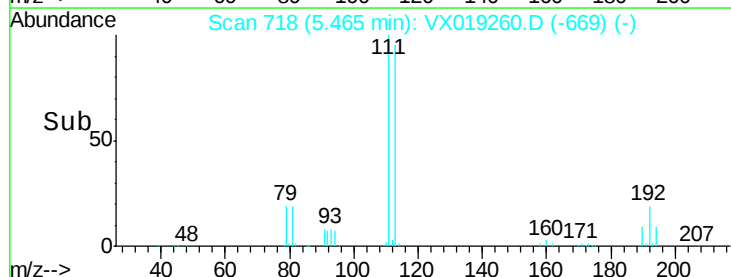
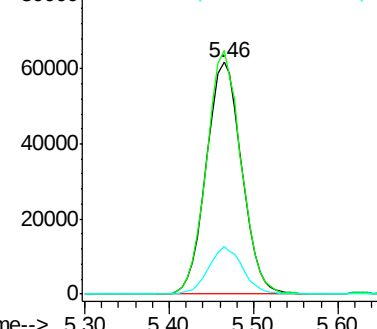
192 19.7 16.2 24.2

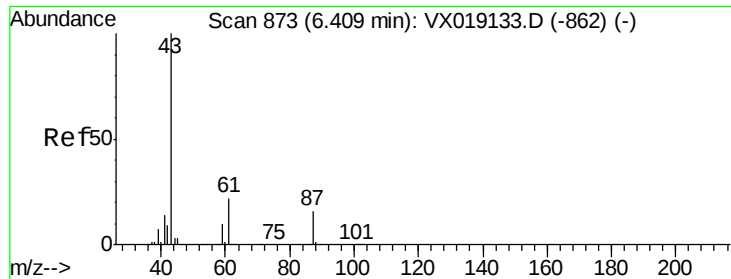


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.922 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019260.D

Acq: 04 Nov 2020 01:37

Instrument :

MSVOA\_X

ClientSampleId :

CRT-01

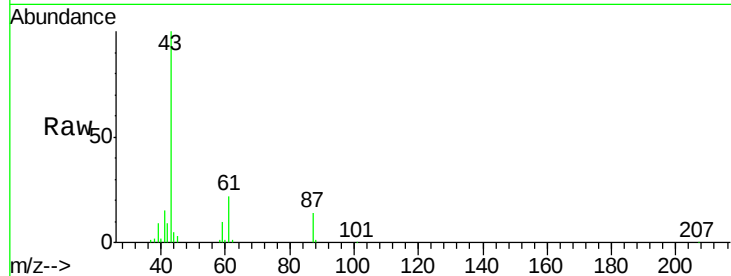
Tot Ion: 43 Resp: 71805

Ion Ratio Lower Upper

43 100

61 21.8 17.8 26.6

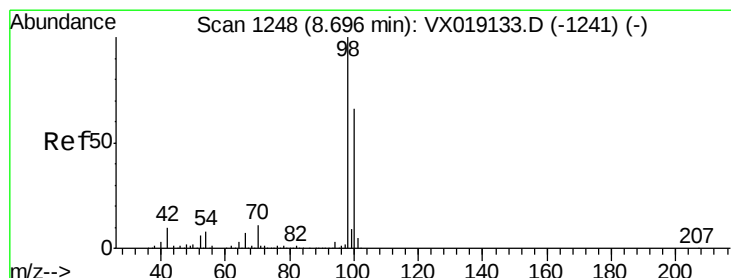
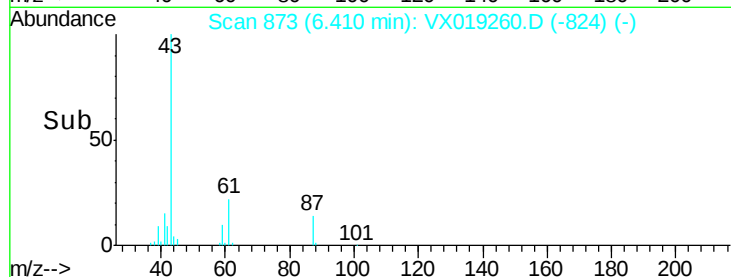
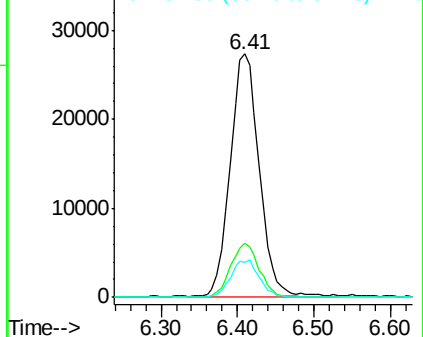
87 15.2 12.6 19.0



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: 53.343 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019260.D

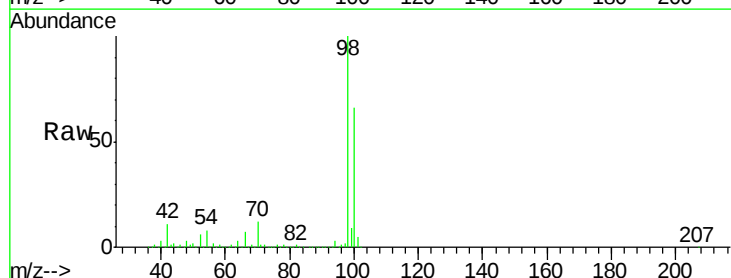
Acq: 04 Nov 2020 01:37

Tgt Ion: 98 Resp: 708074

Ion Ratio Lower Upper

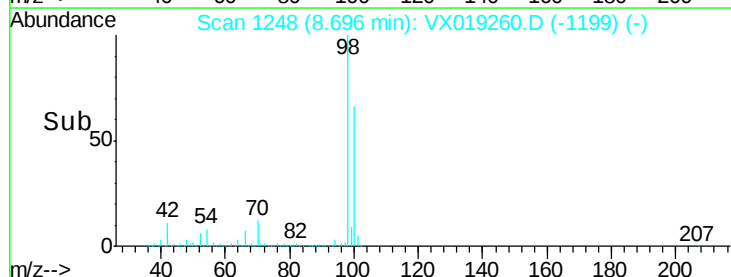
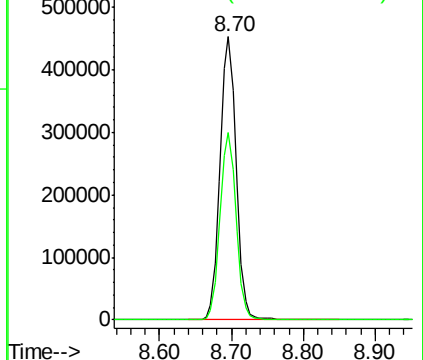
98 100

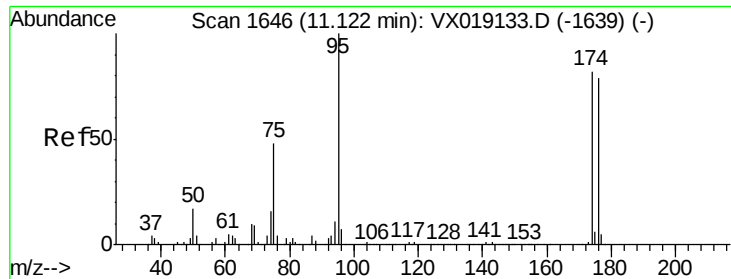
100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.417 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019260.D

Acq: 04 Nov 2020 01:37

Instrument :

MSVOA\_X

ClientSampleId :

CRT-01

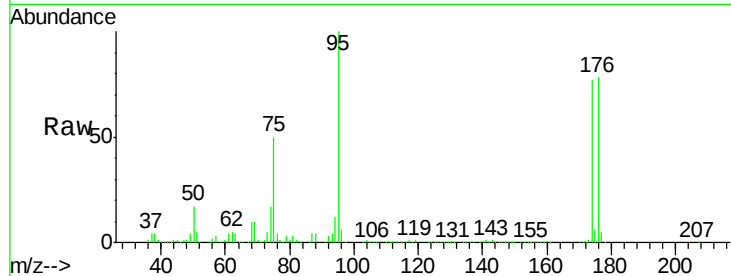
Tot Ion: 95 Resp: 278578

Ion Ratio Lower Upper

95 100

174 74.8 0.0 156.0

176 75.0 0.0 149.8

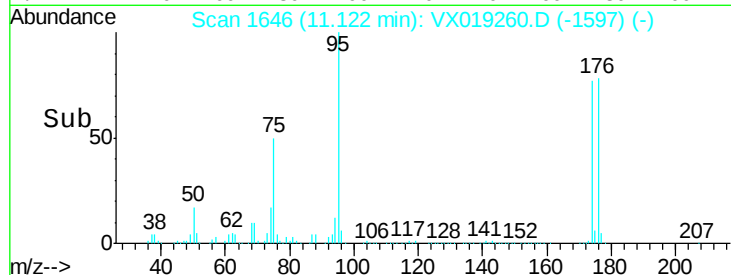


Abundance Ion 94.90 (94.60 to 95.60): VX019133.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019133.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019133.D (-1639) (-)

Time-->

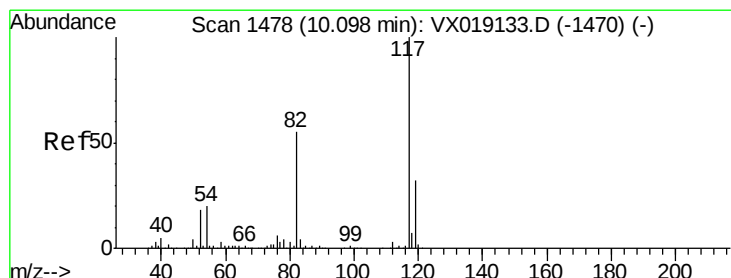


Abundance Ion 94.90 (94.60 to 95.60): VX019260.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019260.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019260.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019260.D

Acq: 04 Nov 2020 01:37

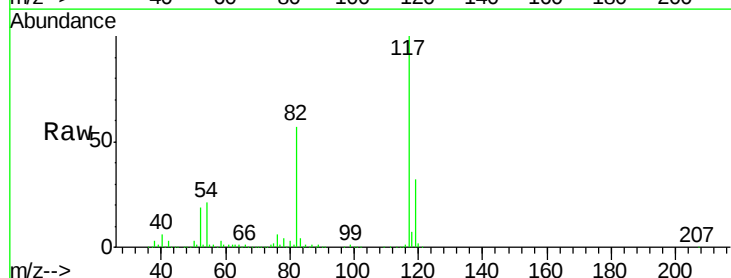
Tgt Ion: 117 Resp: 556877

Ion Ratio Lower Upper

117 100

82 56.9 43.6 65.4

119 32.4 25.5 38.3

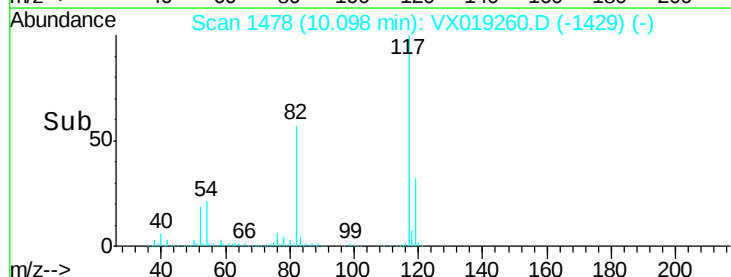


Abundance Ion 116.90 (116.60 to 117.60): VX019133.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019133.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019133.D (-1470) (-)

Time-->

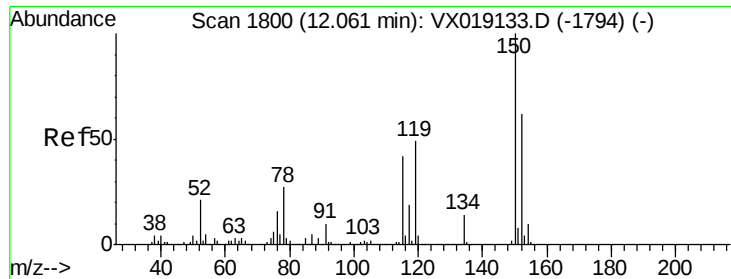


Abundance Ion 116.90 (116.60 to 117.60): VX019260.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX019260.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX019260.D (-1429) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019260.D

Acq: 04 Nov 2020 01:37

Instrument :

MSVOA\_X

ClientSampleId :

CRT-01

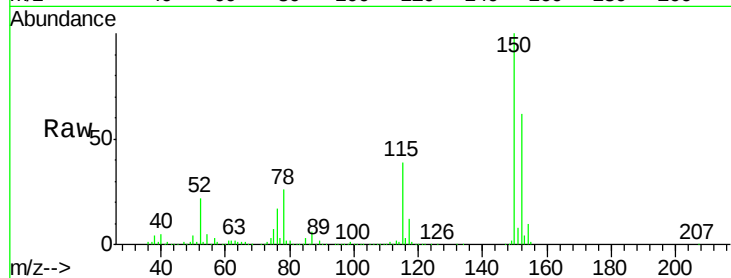
Tot Ion:152 Resp: 283535

Ion Ratio Lower Upper

152 100

115 59.9 41.9 125.7

150 156.9 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

