

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092320\
 Data File : VX018546.D
 Acq On : 23 Sep 2020 19:53
 Operator : JC/SP
 Sample : L4083-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20200917

Quant Time: Sep 24 03:16:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

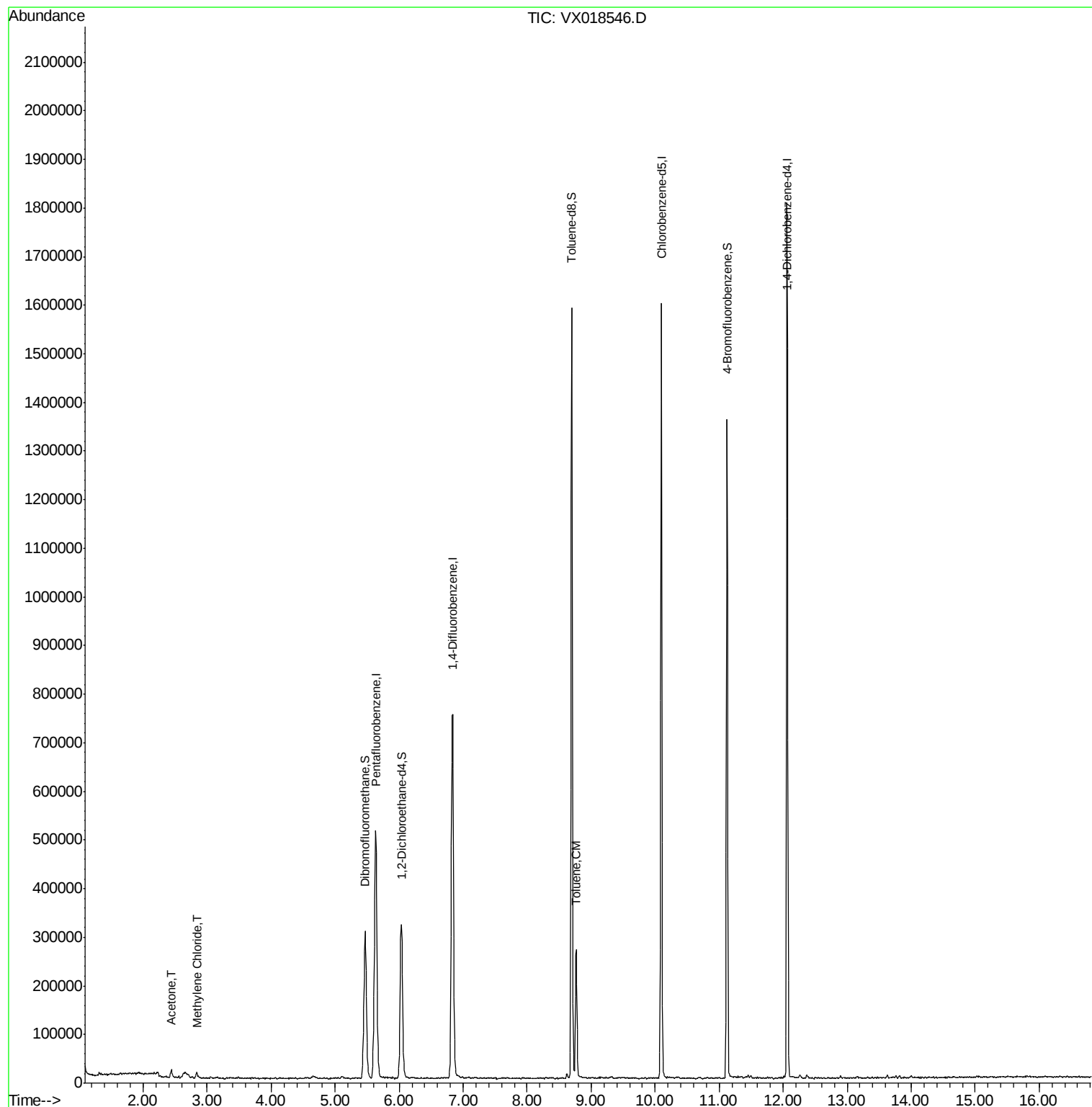
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	480636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	757607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	716398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	356598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	325673	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
35) Dibromofluoromethane	5.47	113	256126	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	8.70	98	924121	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.12	95	341208	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
Target Compounds						
16) Acetone	2.44	43	23037	8.859	ug/l	100
20) Methylene Chloride	2.83	84	5480	0.955	ug/l #	80
52) Toluene	8.76	92	96622	7.286	ug/l	100

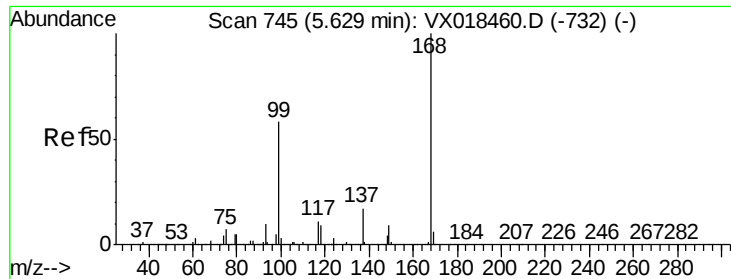
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

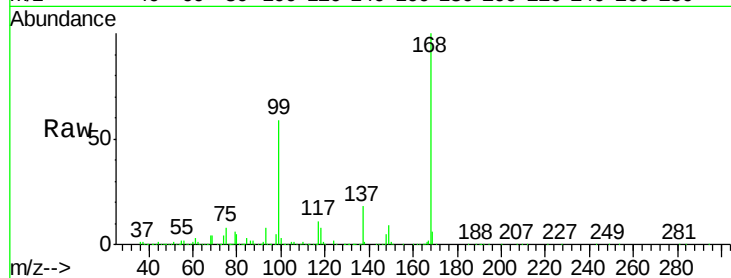
FB01-20200917

Tot Ion:168 Resp: 480636

Ion Ratio Lower Upper

168 100

99 59.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

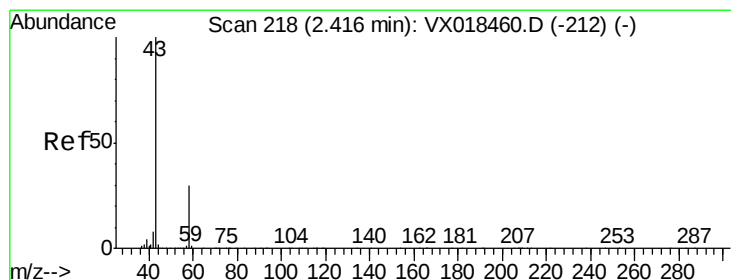
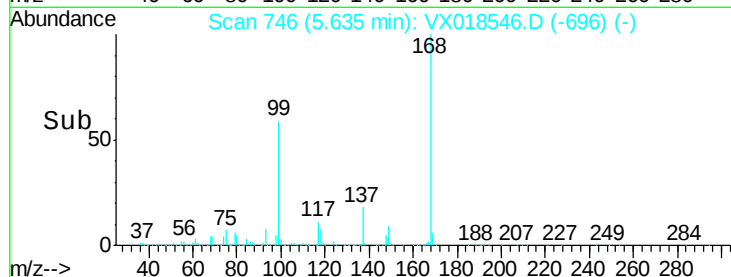
50000

0

5.64

5.50 5.60 5.70

Time-->



#16

Acetone

Concen: 8.859 ug/l

RT: 2.44 min Scan# 222

Delta R.T. 0.02 min

Lab File: VX018546.D

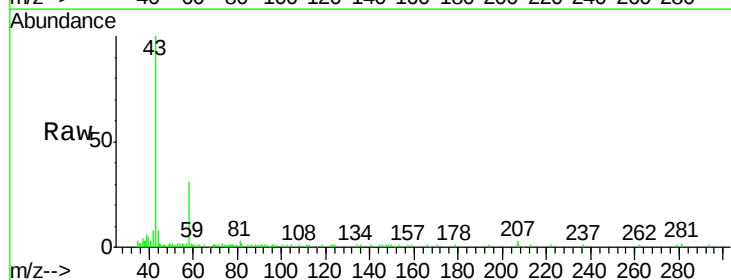
Acq: 23 Sep 2020 19:53

Tgt Ion: 43 Resp: 23037

Ion Ratio Lower Upper

43 100

58 30.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

6000

4000

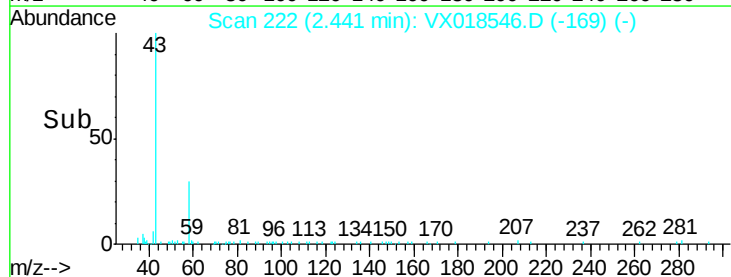
2000

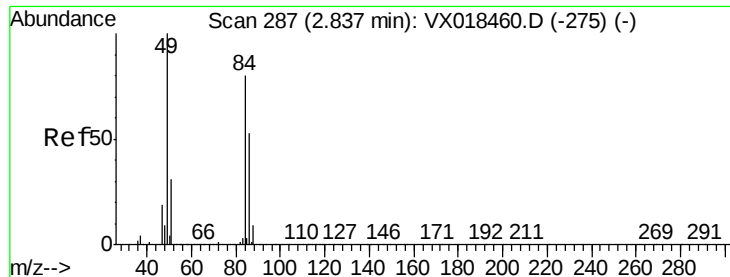
0

2.44

2.40 2.50

Time-->

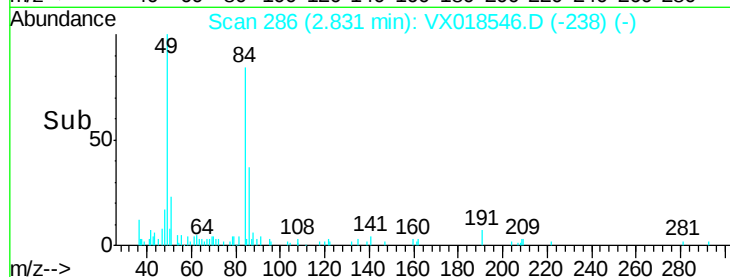
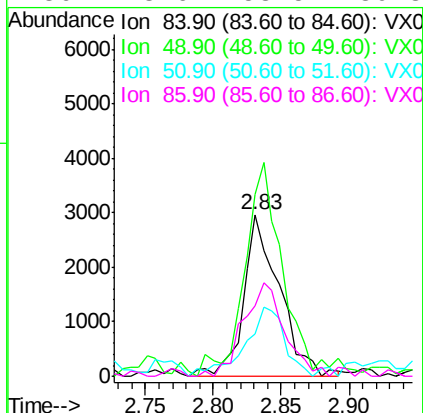
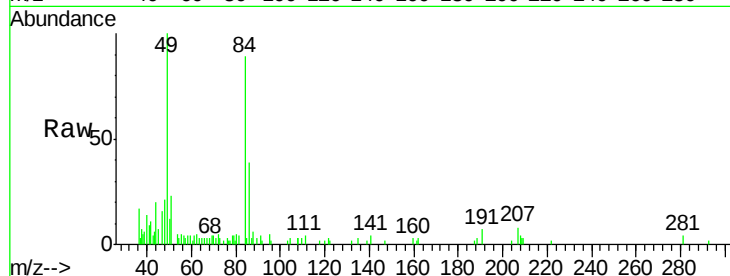




#20
Methvlene Chloride
Concen: 0.955 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018546.D
Acq: 23 Sep 2020 19:53

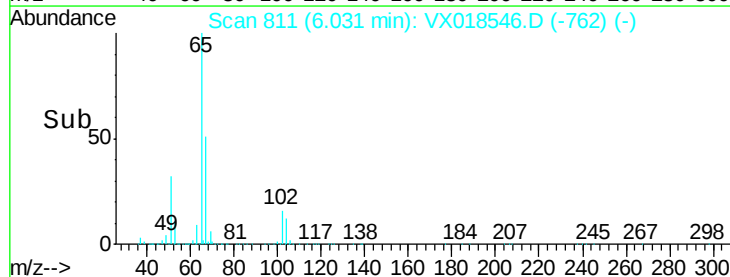
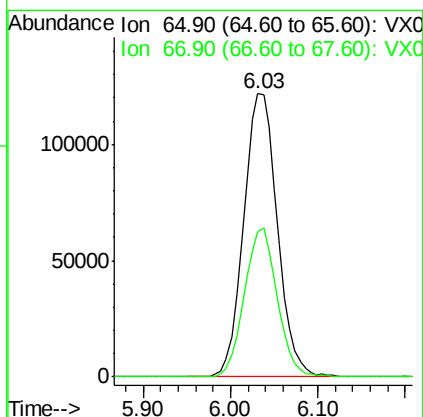
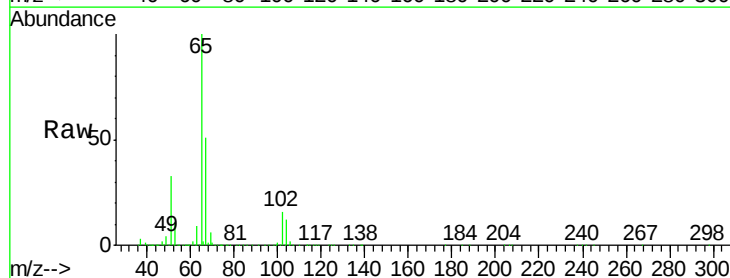
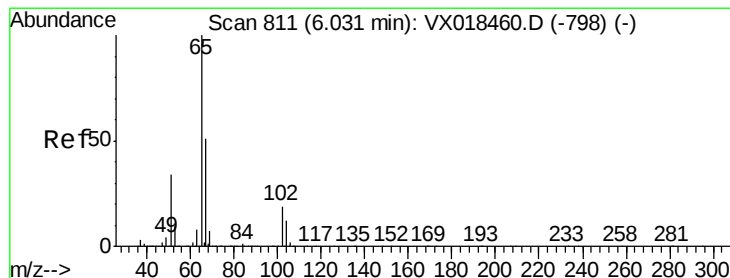
Instrument :
MSVOA_X
ClientSampleId :
FB01-20200917

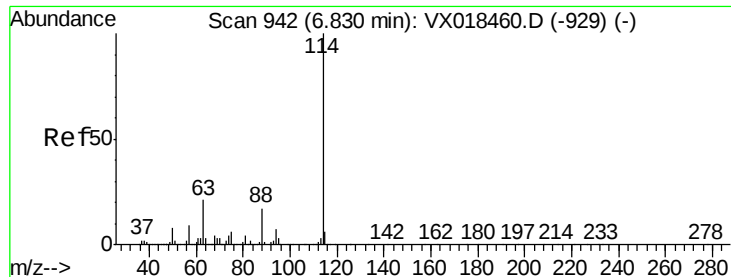
Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	109.5	100.6	151.0	
51	26.2	30.9	46.3#	
86	43.6	53.5	80.3#	



#33
1,2-Dichloroethane-d4
Concen: 47.898 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018546.D
Acq: 23 Sep 2020 19:53

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	51.6	0.0	105.6	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018546.D

Acq: 23 Sep 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

FB01-20200917

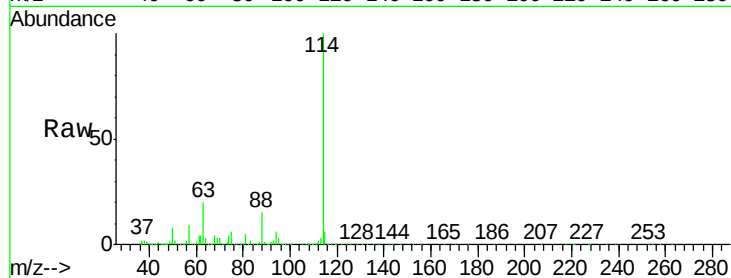
Tot Ion:114 Resp: 757607

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.8

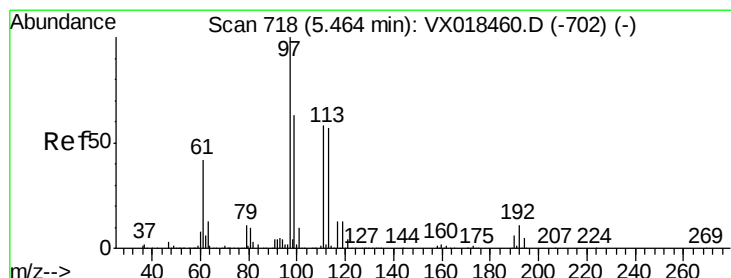
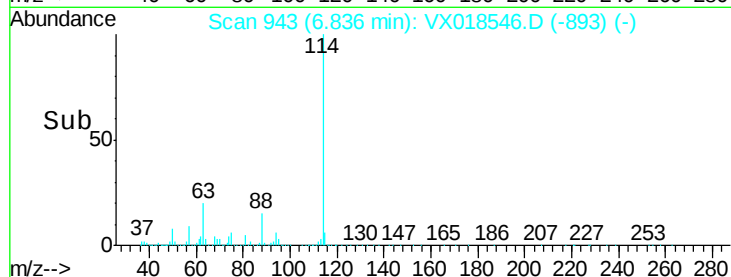
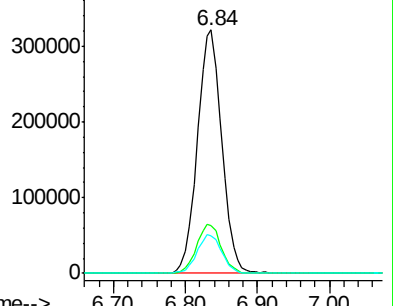
88 15.4 0.0 33.6



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: 48.903 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018546.D

Acq: 23 Sep 2020 19:53

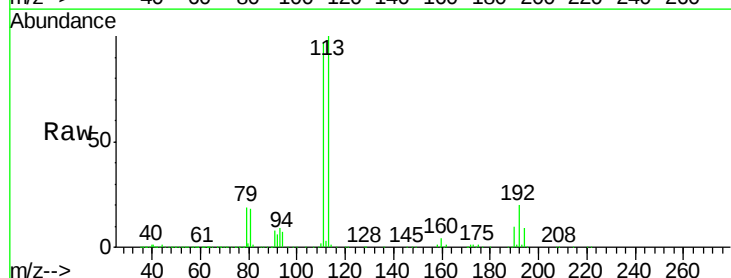
Tgt Ion:113 Resp: 256126

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.2

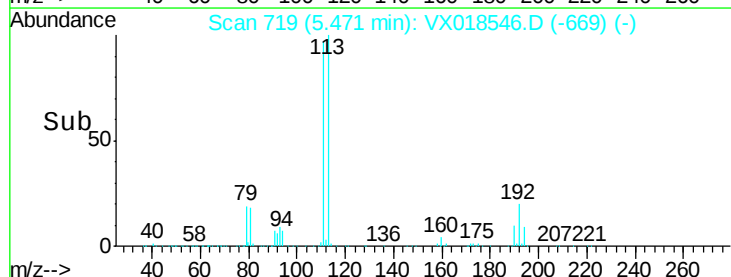
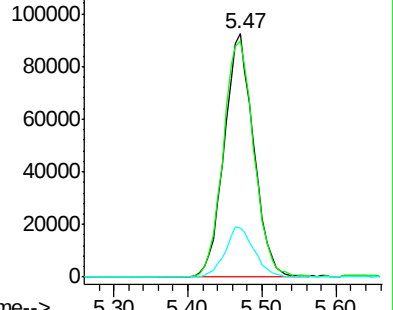
192 20.3 16.6 24.8

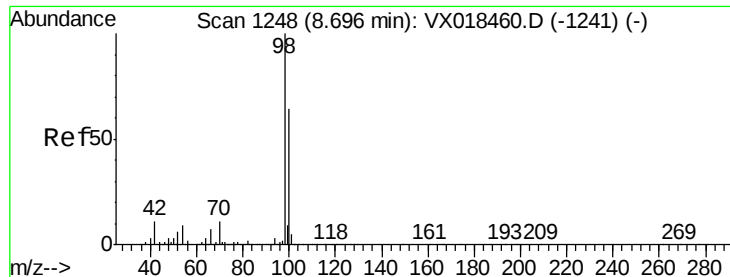


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.563 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018546.D

Acq: 23 Sep 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

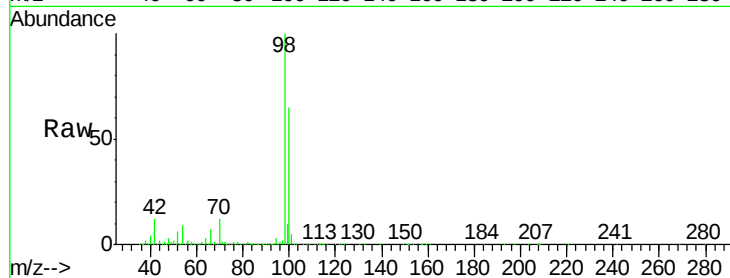
FB01-20200917

Tot Ion: 98 Resp: 924121

Ion Ratio Lower Upper

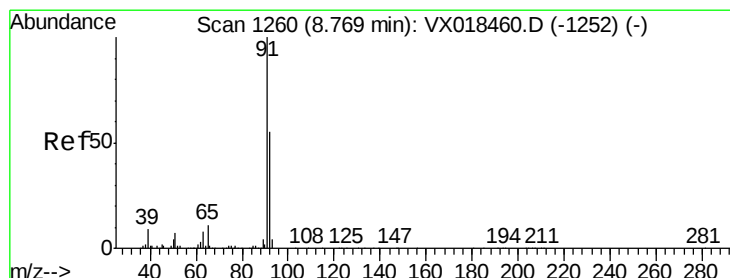
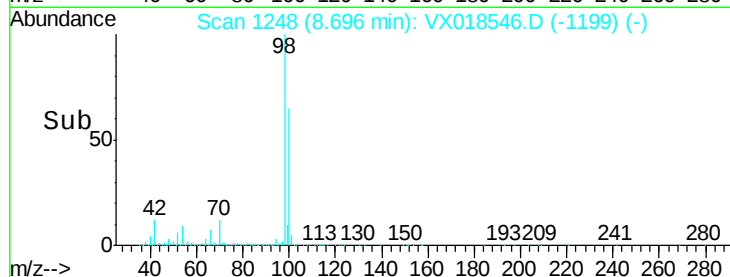
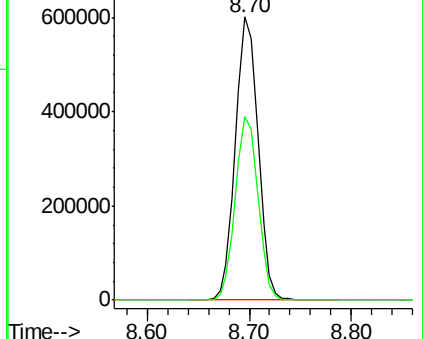
98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 7.286 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018546.D

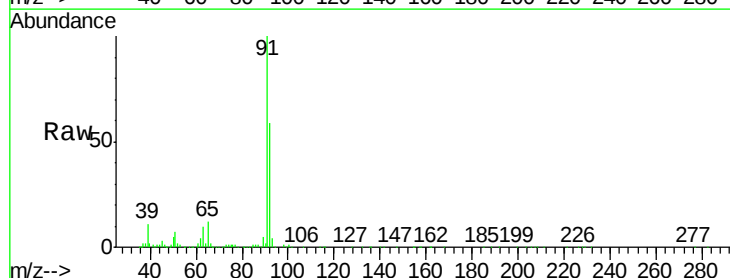
Acq: 23 Sep 2020 19:53

Tgt Ion: 92 Resp: 96622

Ion Ratio Lower Upper

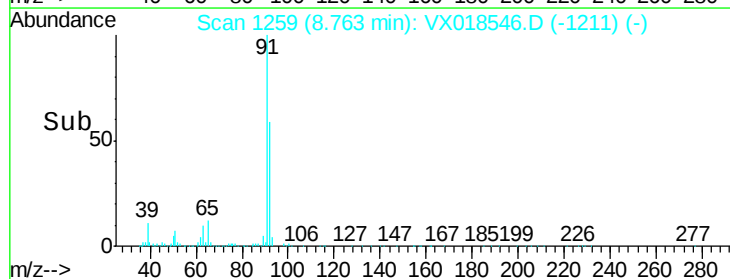
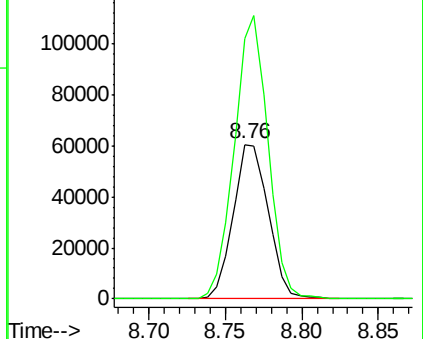
92 100

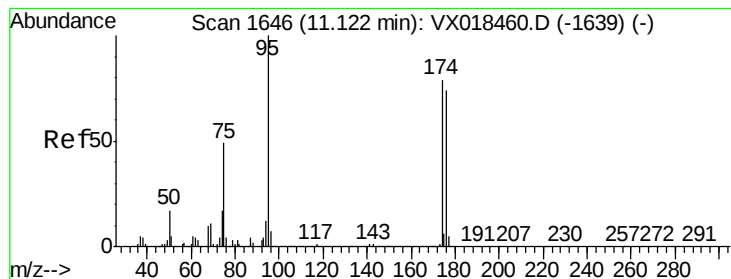
91 176.3 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.077 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018546.D

Acq: 23 Sep 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

FB01-20200917

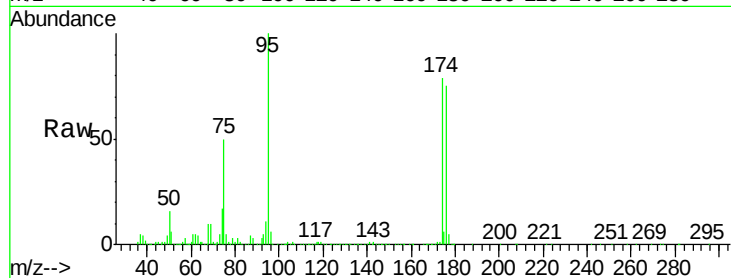
Tot Ion: 95 Resp: 341208

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.4

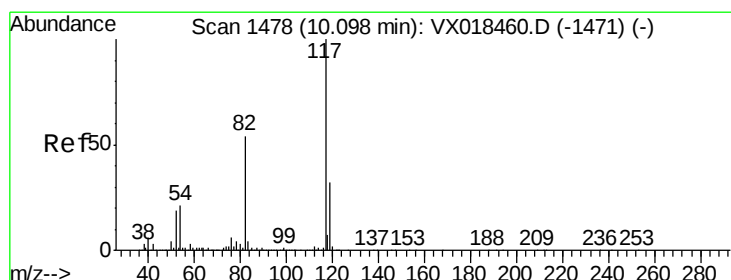
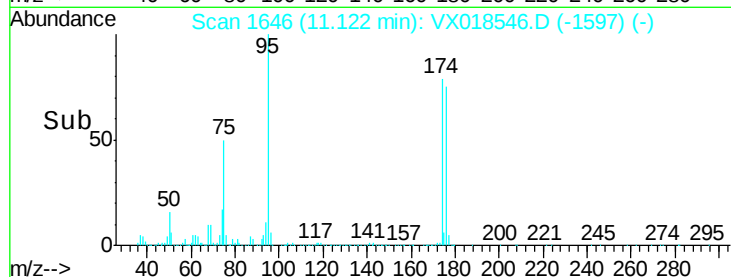
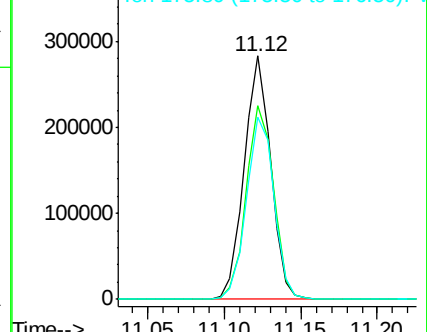
176 77.8 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX018460.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018460.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018460.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018546.D

Acq: 23 Sep 2020 19:53

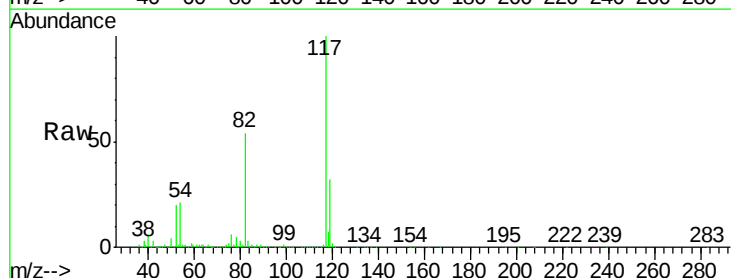
Tgt Ion: 117 Resp: 716398

Ion Ratio Lower Upper

117 100

82 54.3 43.3 64.9

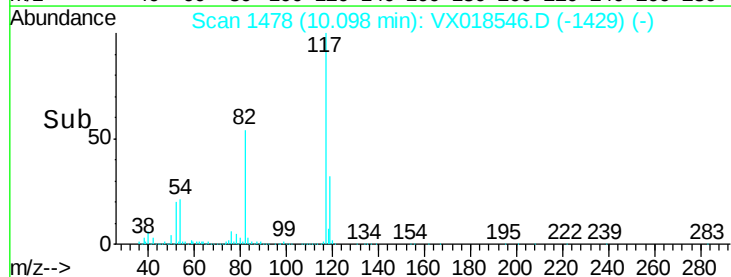
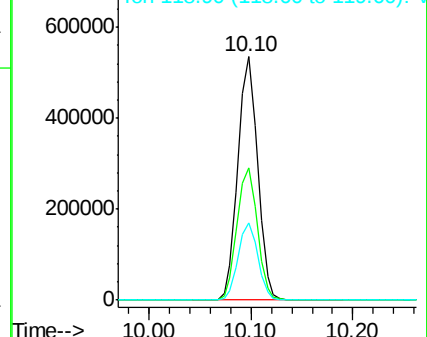
119 31.6 25.9 38.9

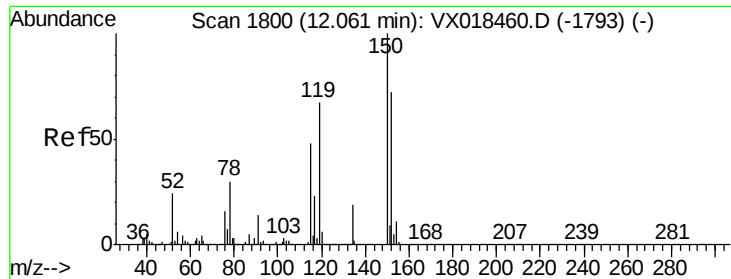


Abundance Ion 116.90 (116.60 to 117.60): VX018460.D (-1471) (-)

Ion 82.00 (81.70 to 82.70): VX018460.D (-1471) (-)

Ion 118.90 (118.60 to 119.60): VX018460.D (-1471) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018546.D

Acq: 23 Sep 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

FB01-20200917

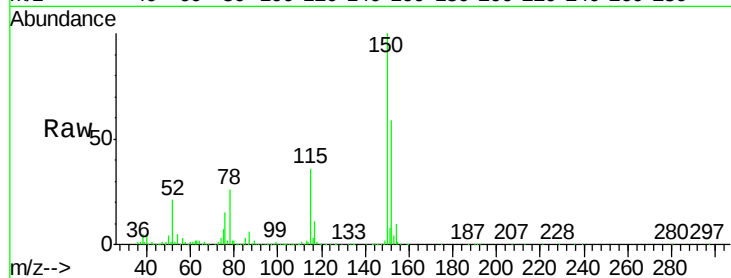
Tot Ion:152 Resp: 356598

Ion Ratio Lower Upper

152 100

115 58.4 41.8 125.4

150 159.2 0.0 342.4



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

