

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\
 Data File : VX005585.D
 Acq On : 25 Oct 2018 13:23
 Operator : JC/MD
 Sample : J5655-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0006

Quant Time: Oct 26 06:02:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

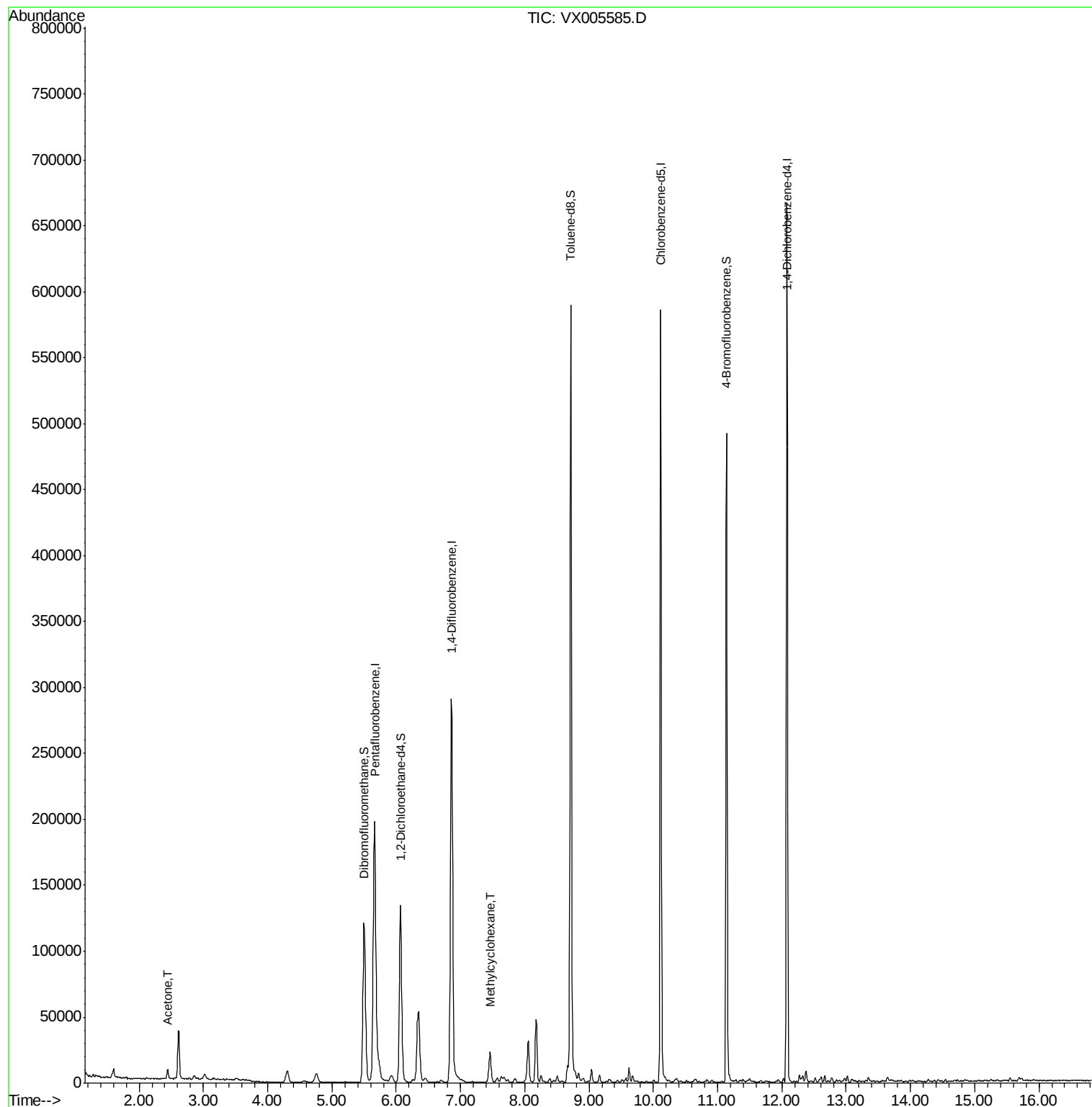
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129832	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
35) Dibromofluoromethane	5.49	113	103578	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	8.71	98	369058	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.14	95	122581	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.18%	
Target Compounds						
16) Acetone	2.45	43	7563	5.885	ug/l	97
39) Methylcyclohexane	7.46	83	8601	2.652	ug/l	90

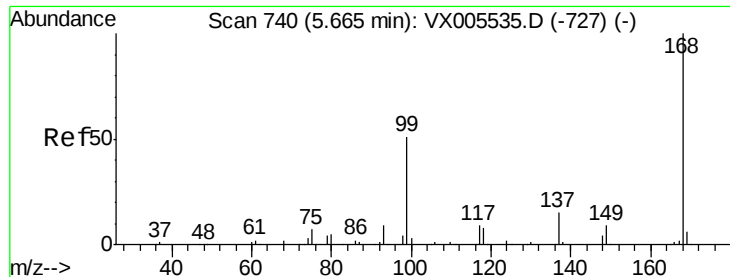
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005585.D

Acq: 25 Oct 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

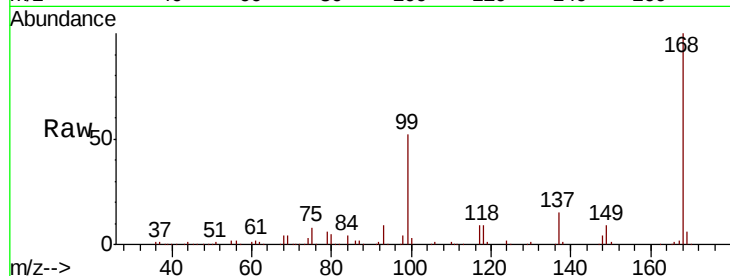
S37-0006

Tot Ion:168 Resp: 199228

Ion Ratio Lower Upper

168 100

99 52.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

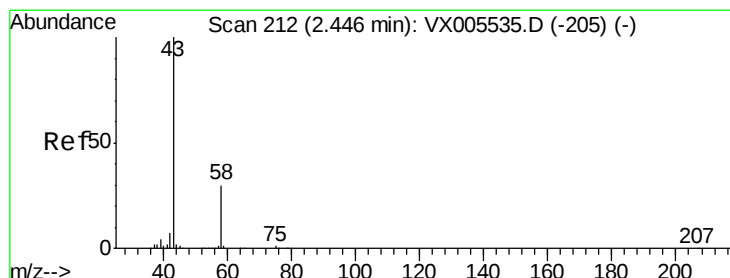
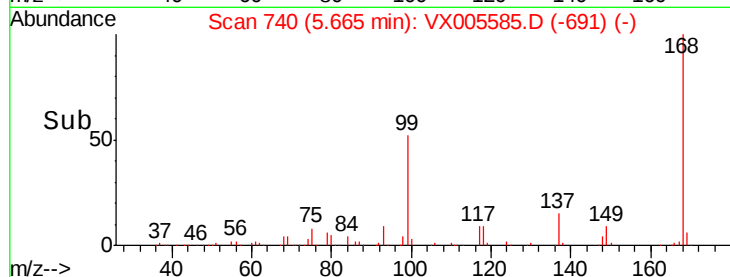
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.885 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005585.D

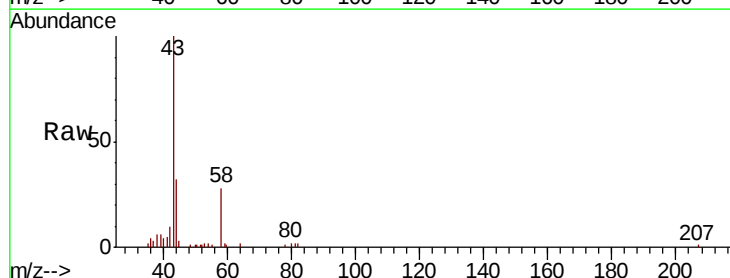
Acq: 25 Oct 2018 13:23

Tgt Ion: 43 Resp: 7563

Ion Ratio Lower Upper

43 100

58 28.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

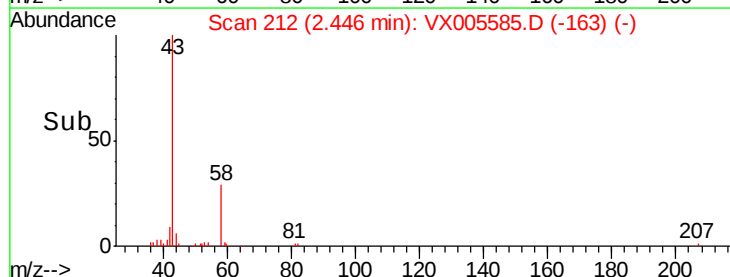
3000

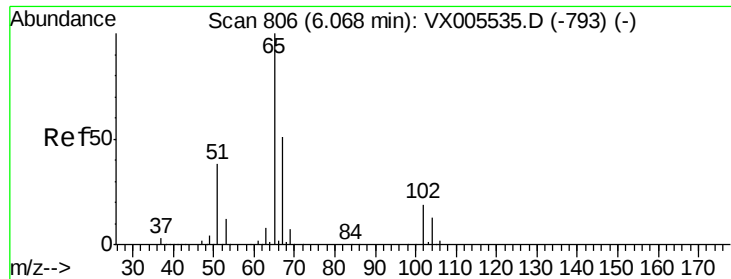
2000

1000

0

Time--> 2.40 2.45 2.50 2.55

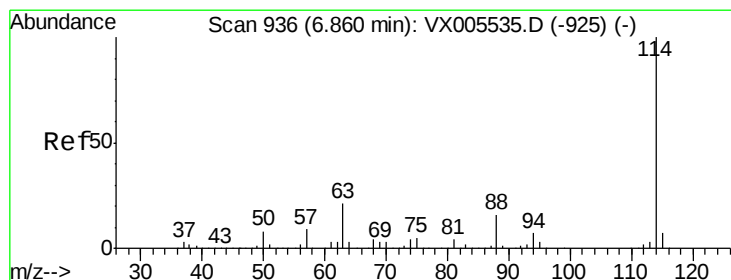
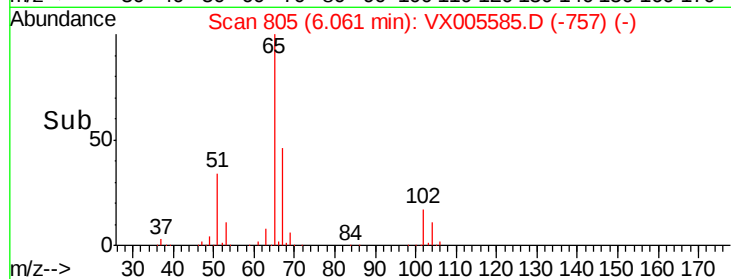
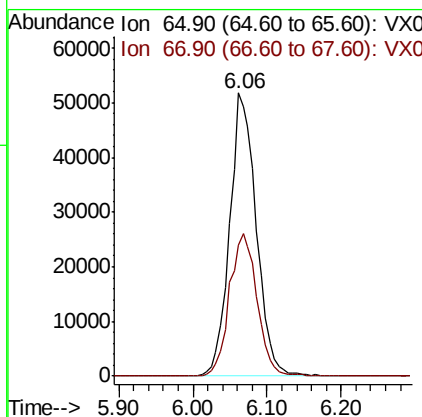
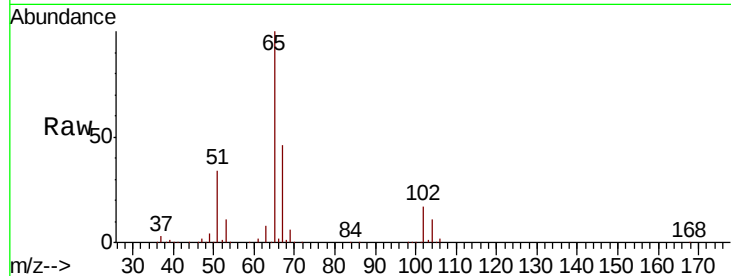




#33
 1,2-Dichloroethane-d4
 Concen: 53.386 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005585.D
 Acq: 25 Oct 2018 13:23

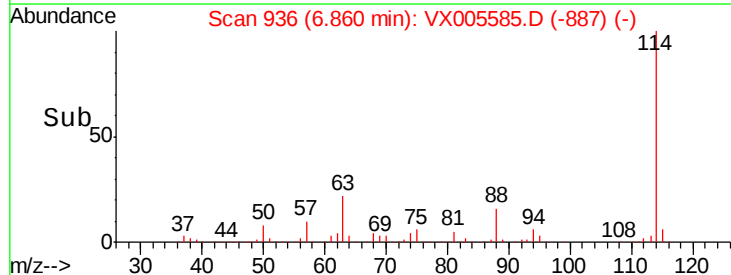
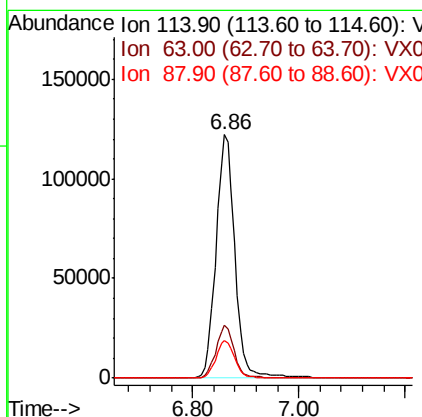
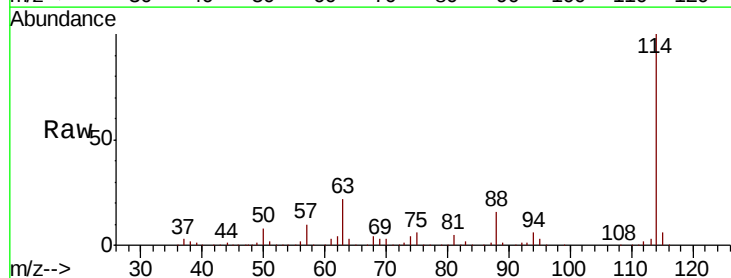
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0006

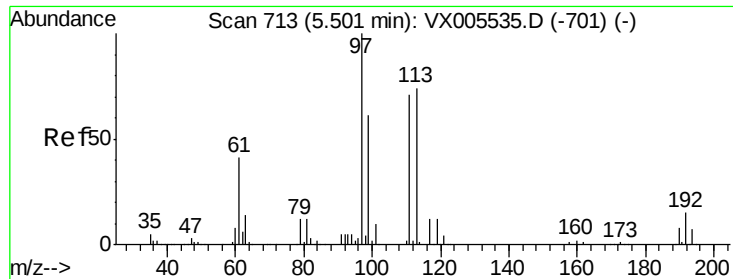
Tot Ion: 65 Resp: 129832
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005585.D
 Acq: 25 Oct 2018 13:23

Tgt Ion: 114 Resp: 302610
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 15.6 0.0 31.2

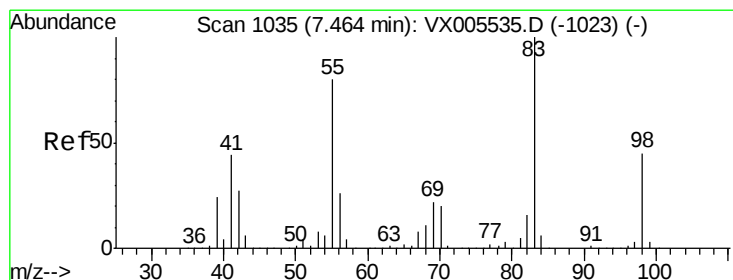
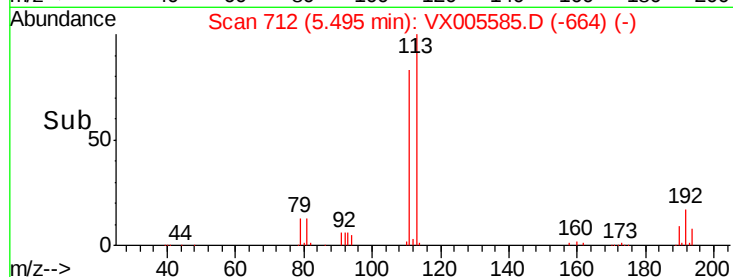
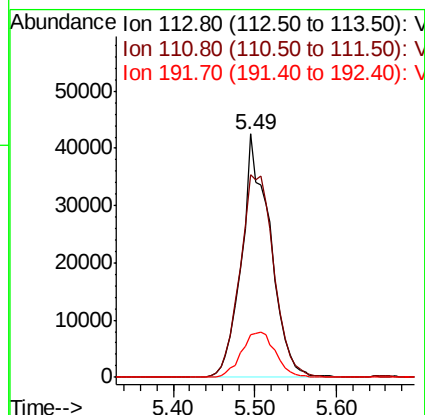
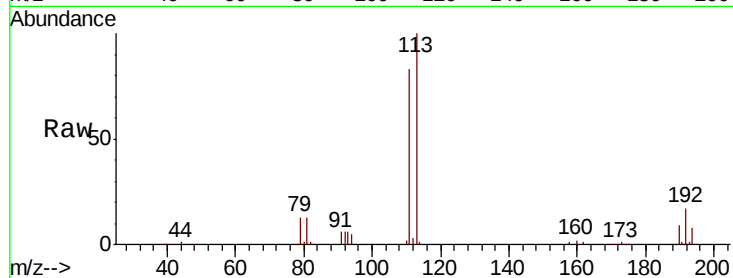




#35
Dibromofluoromethane
Concen: 50.550 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

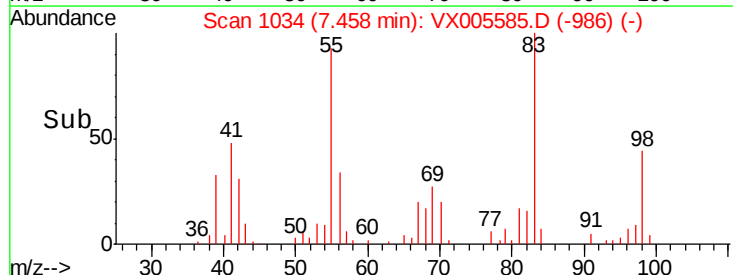
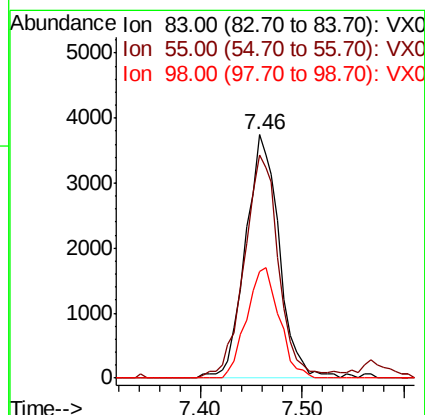
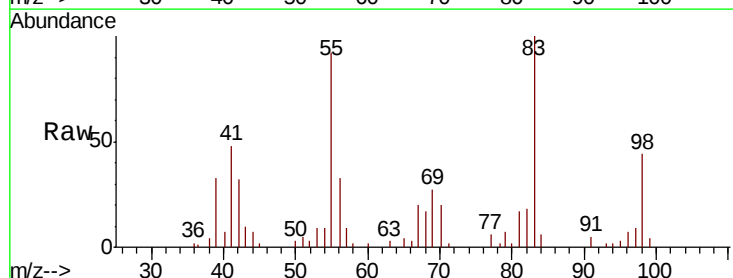
Instrument :
MSVOA_X
ClientSampled :
S37-0006

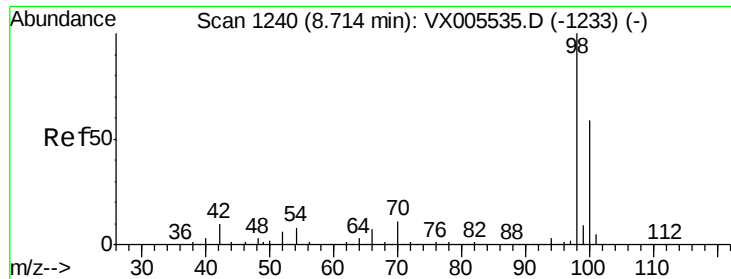
Tot Ion:113 Resp: 103578
Ion Ratio Lower Upper
113 100
111 98.7 82.3 123.5
192 22.2 17.9 26.9



#39
Methylcyclohexane
Concen: 2.652 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion: 83 Resp: 8601
Ion Ratio Lower Upper
83 100
55 91.7 63.7 95.5
98 43.8 36.2 54.2





#50

Toluene-d8

Concen: 50.126 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005585.D

Acq: 25 Oct 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

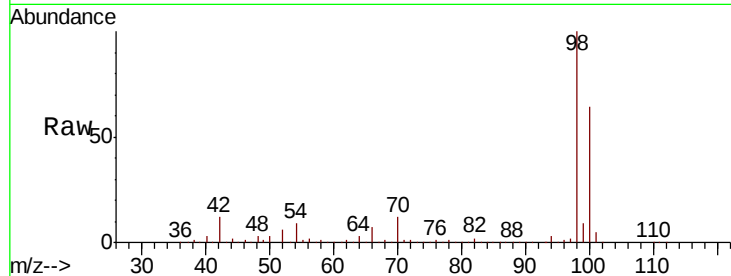
S37-0006

Tot Ion: 98 Resp: 369058

Ion Ratio Lower Upper

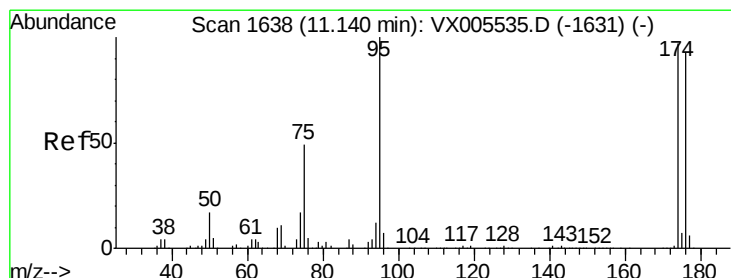
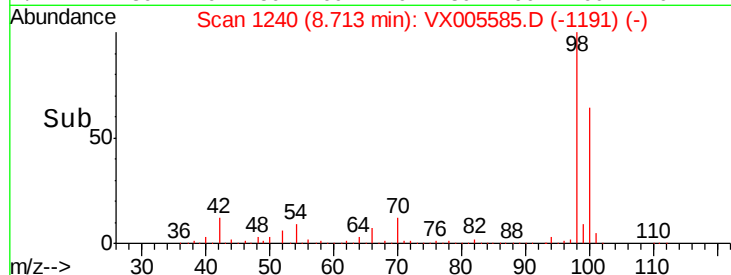
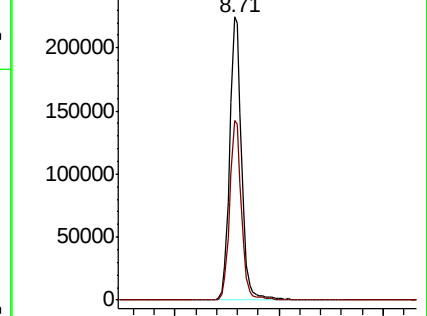
98 100

100 63.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 44.087 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005585.D

Acq: 25 Oct 2018 13:23

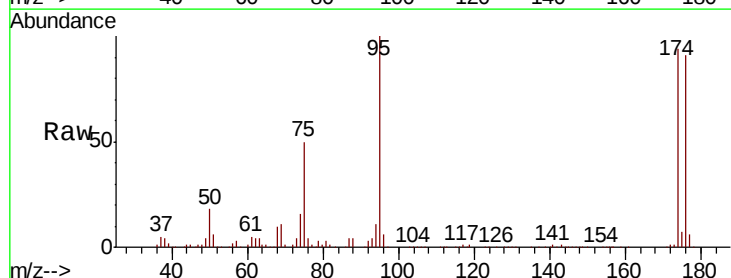
Tgt Ion: 95 Resp: 122581

Ion Ratio Lower Upper

95 100

174 92.0 0.0 184.4

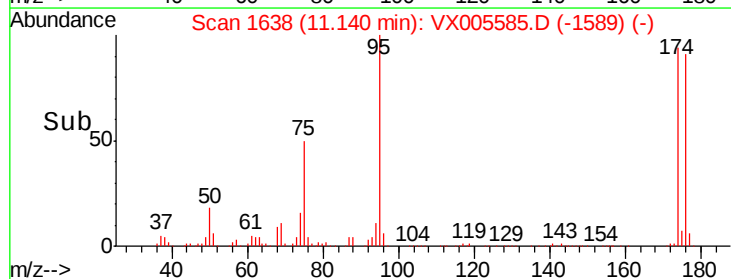
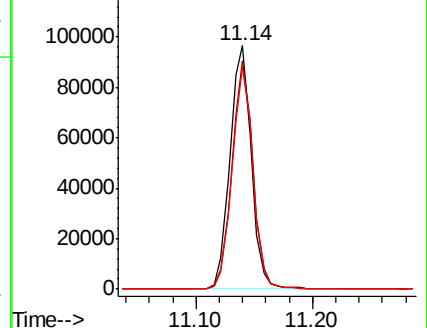
176 89.0 0.0 177.4

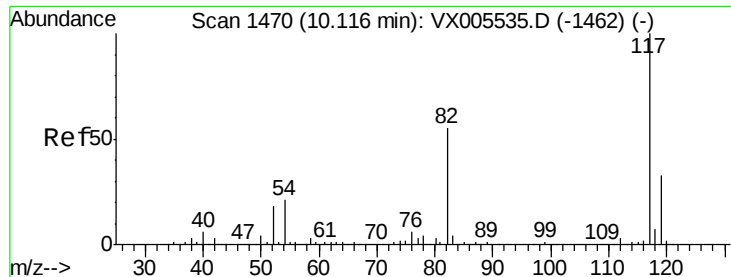


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

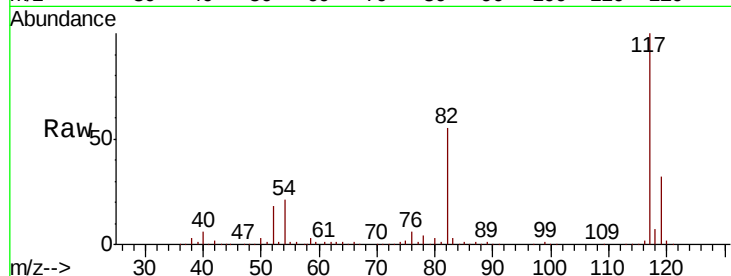




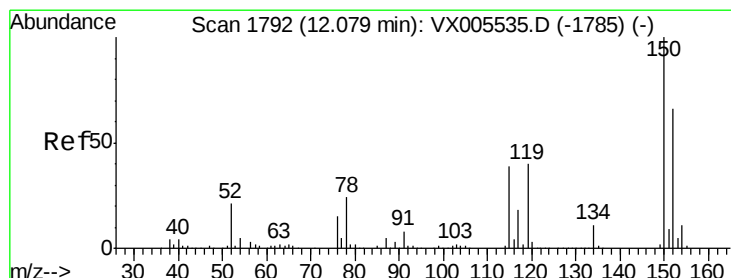
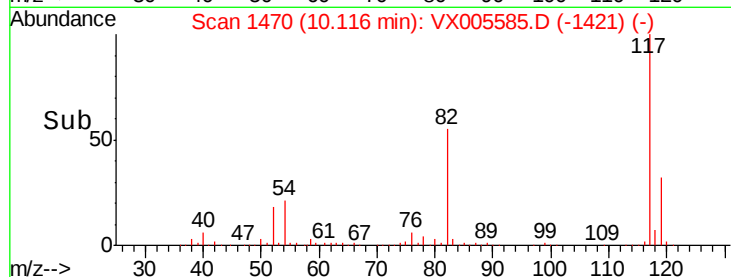
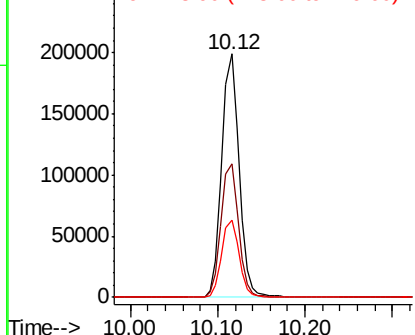
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument :
MSVOA_X
ClientSampled :
S37-0006

Tot Ion:117 Resp: 274102
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 31.7 26.2 39.2

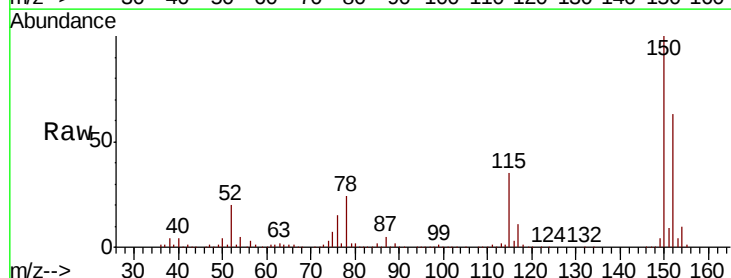


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion:152 Resp: 133978
Ion Ratio Lower Upper
152 100
115 54.5 39.4 118.1
150 155.4 0.0 346.4



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

