

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005549.D
 Acq On : 24 Oct 2018 18:46
 Operator : JC/MD
 Sample : J5655-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0003

Quant Time: Oct 25 05:31:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

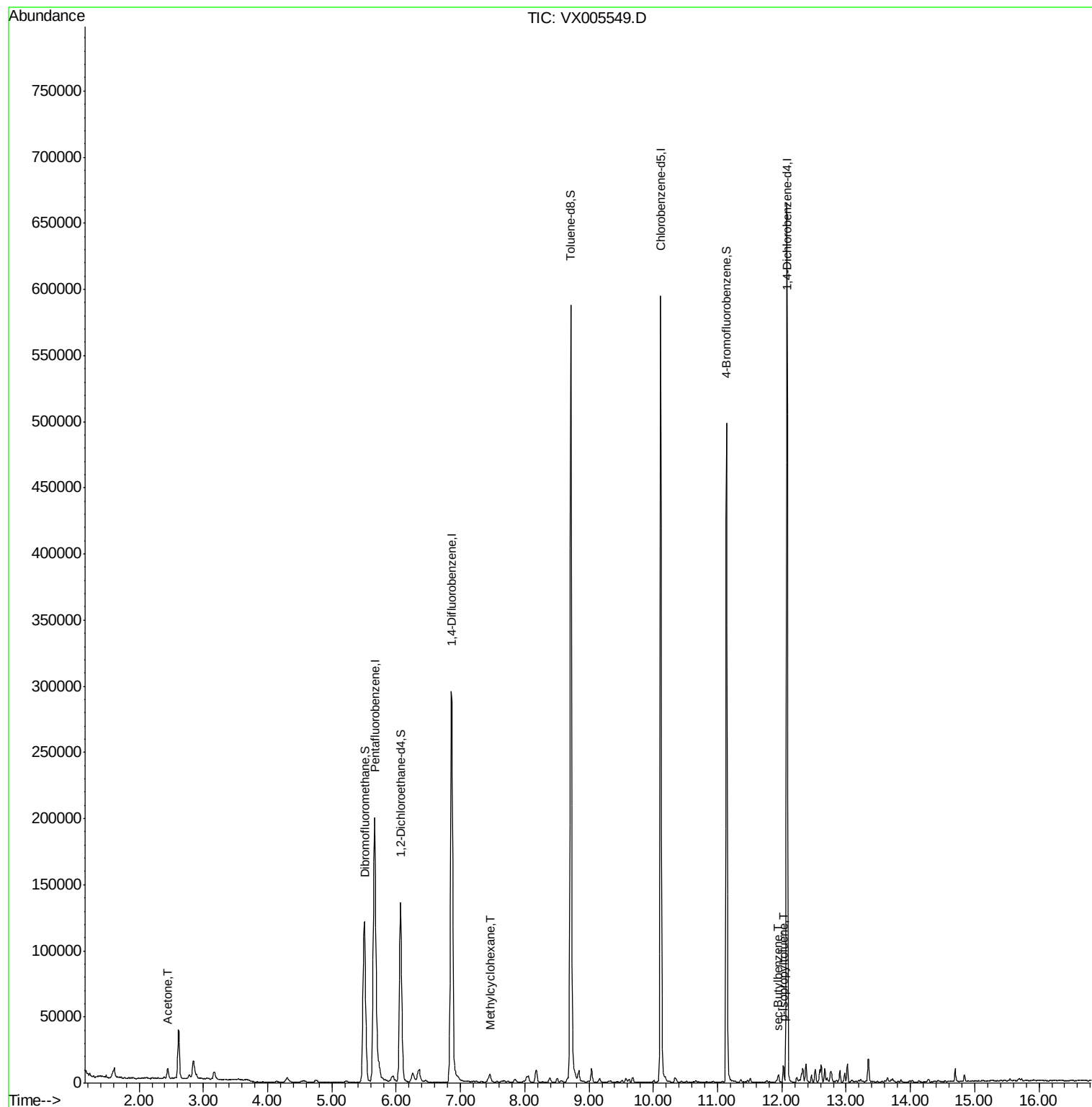
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	202096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	134144	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
35) Dibromofluoromethane	5.51	113	102981	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	8.72	98	373053	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.14	95	123291	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
Target Compounds						
16) Acetone	2.45	43	8371	6.422	ug/l	99
39) Methylcyclohexane	7.45	83	1975	0.595	ug/l #	72
85) sec-Butylbenzene	11.94	105	2741	0.328	ug/l	82
86) p-Isopropyltoluene	12.02	119	4656	0.624	ug/l	89

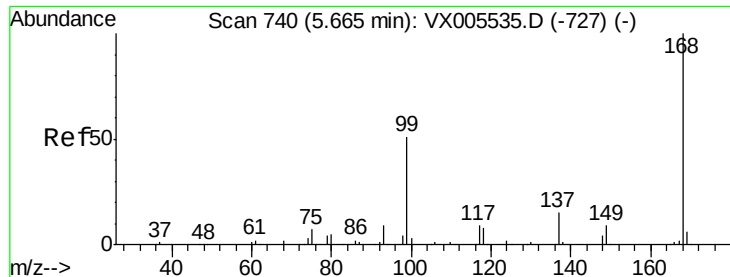
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005549.D

Acq: 24 Oct 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

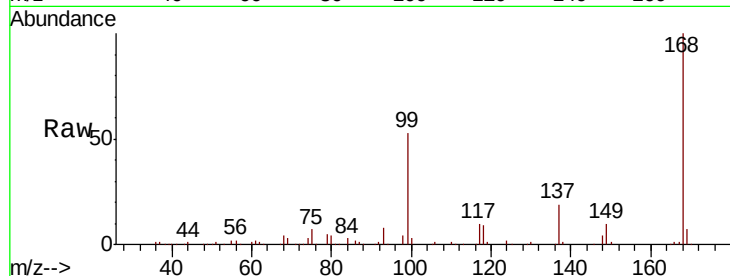
S37-0003

Tot Ion:168 Resp: 202096

Ion Ratio Lower Upper

168 100

99 52.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

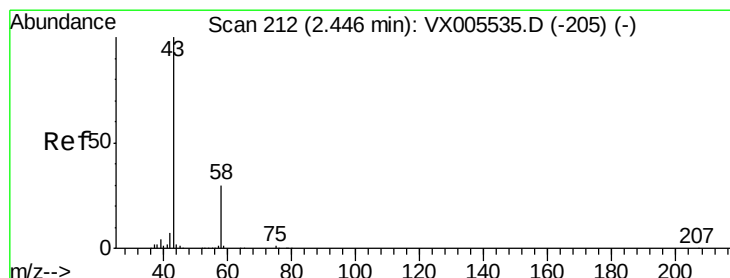
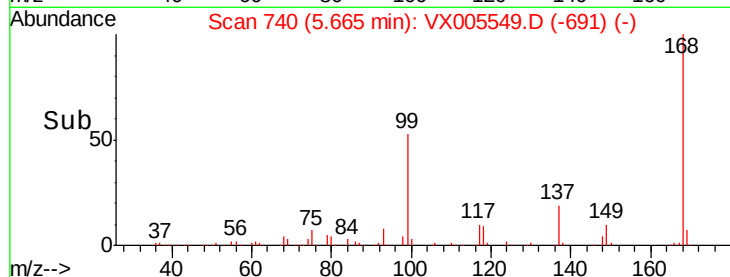
40000

20000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 6.422 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005549.D

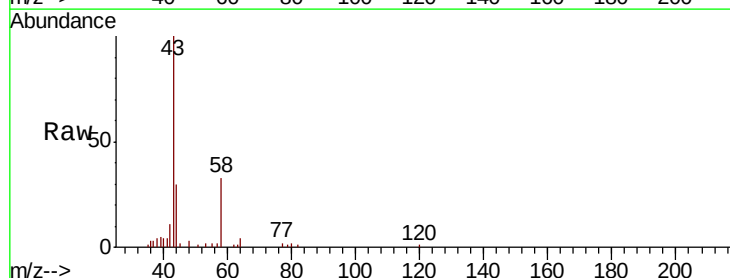
Acq: 24 Oct 2018 18:46

Tgt Ion: 43 Resp: 8371

Ion Ratio Lower Upper

43 100

58 33.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

3000

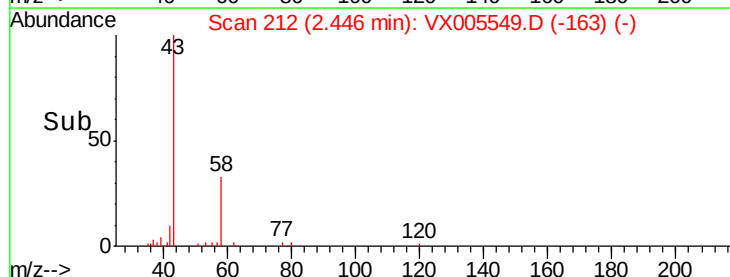
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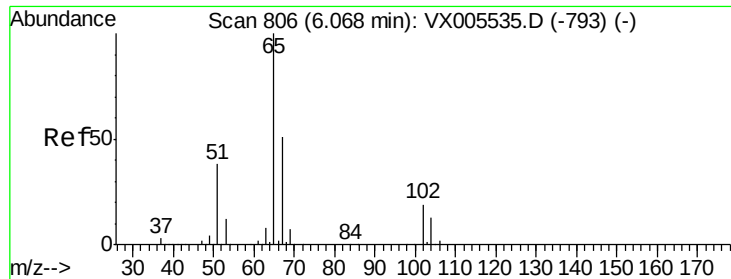
1000

0

2.40 2.45 2.50

Time-->

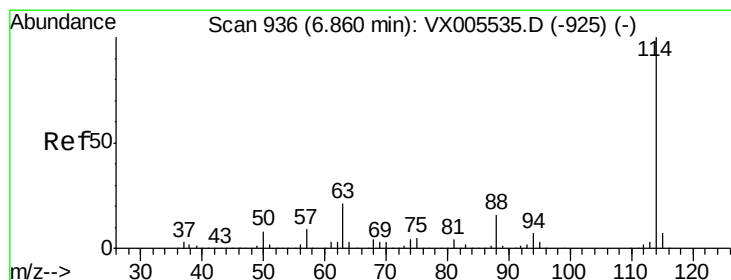
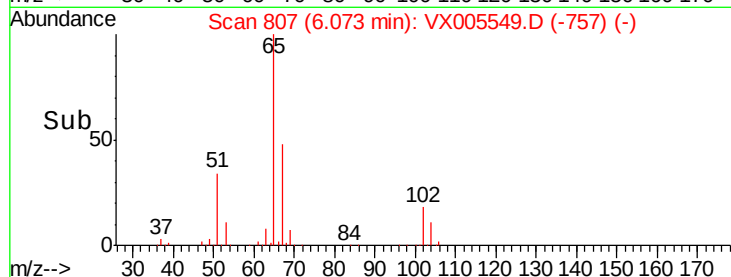
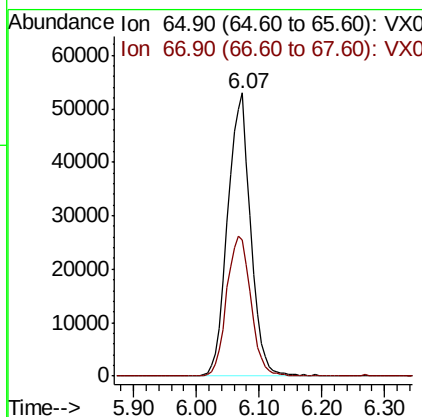
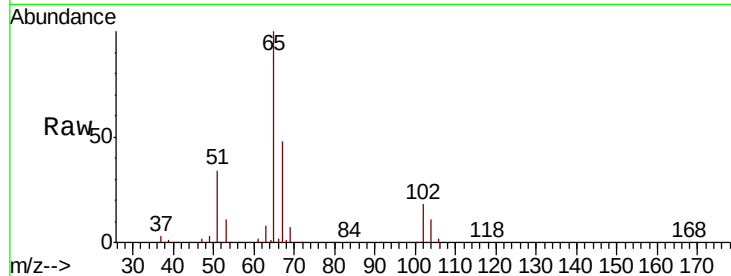




#33
 1,2-Dichloroethane-d4
 Concen: 54.376 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005549.D
 Acq: 24 Oct 2018 18:46

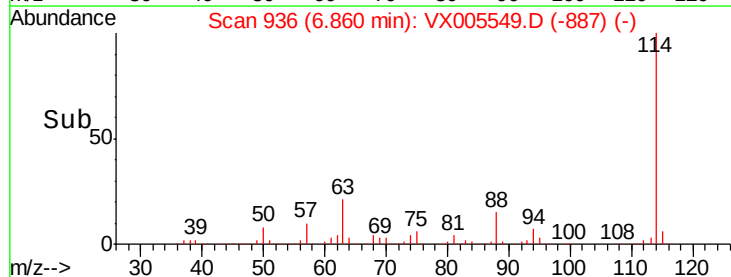
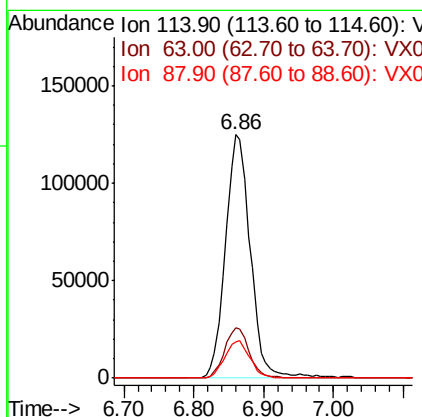
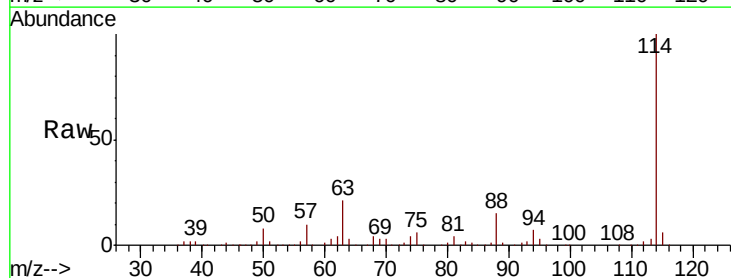
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0003

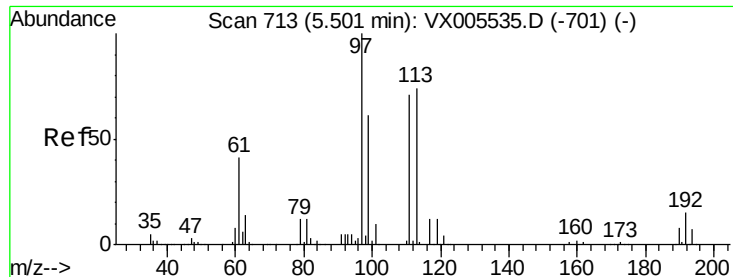
Tot Ion: 65 Resp: 134144
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005549.D
 Acq: 24 Oct 2018 18:46

Tgt Ion: 114 Resp: 309738
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.0
 88 15.1 0.0 30.4

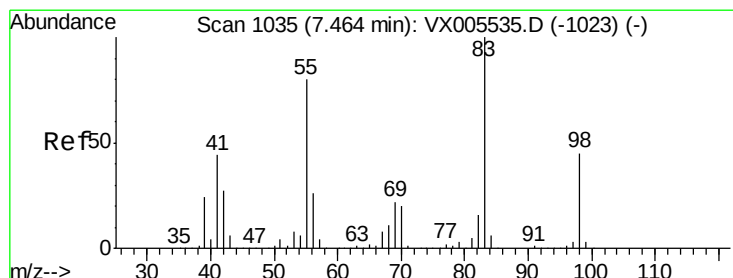
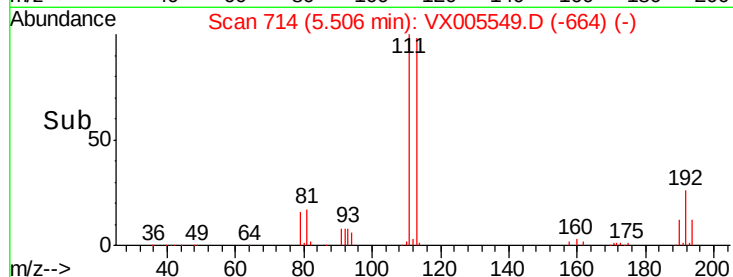
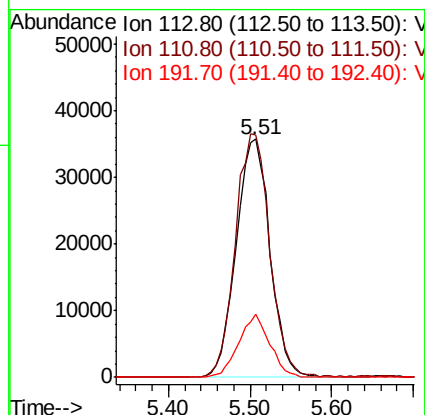
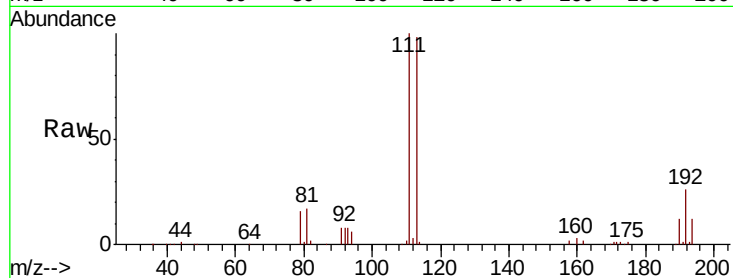




#35
 Dibromofluoromethane
 Concen: 49.102 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005549.D
 Acq: 24 Oct 2018 18:46

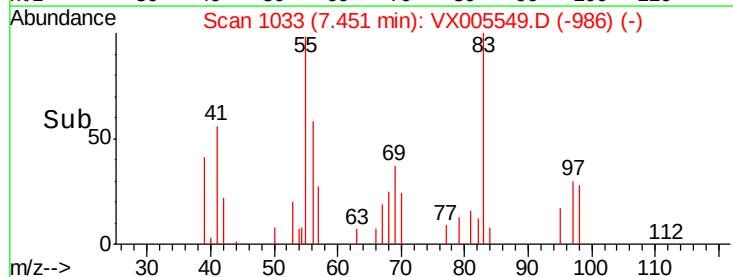
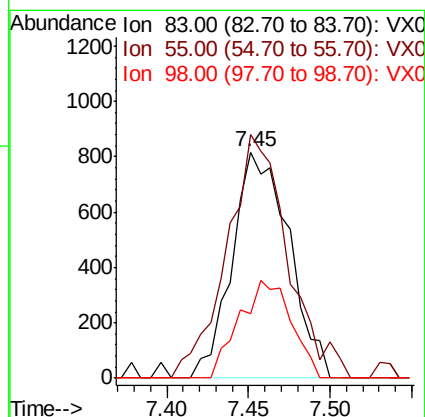
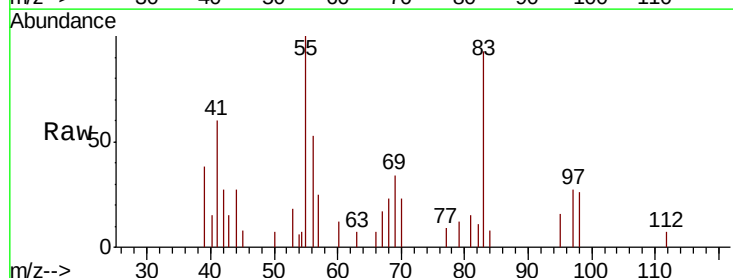
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0003

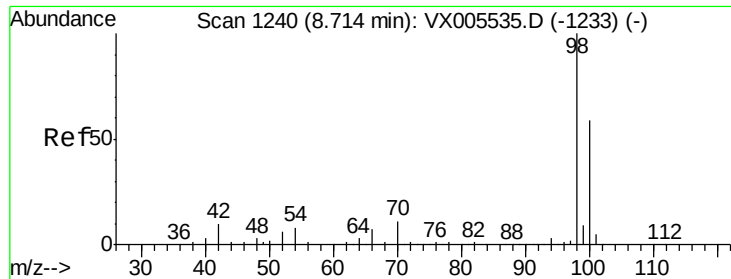
Tot Ion:113 Resp: 102981
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 24.1 19.4 29.2



#39
 Methylcyclohexane
 Concen: 0.595 ug/l
 RT: 7.45 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX005549.D
 Acq: 24 Oct 2018 18:46

Tgt Ion: 83 Resp: 1975
 Ion Ratio Lower Upper
 83 100
 55 99.4 61.0 91.4#
 98 28.4 39.6 59.4#

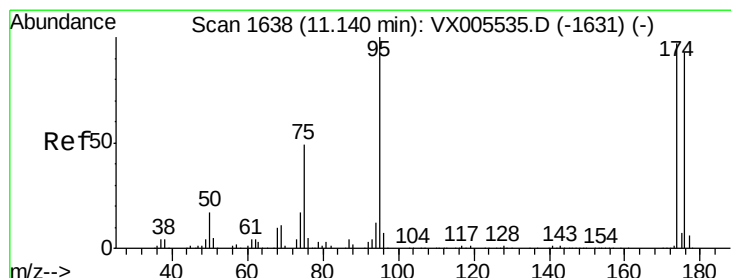
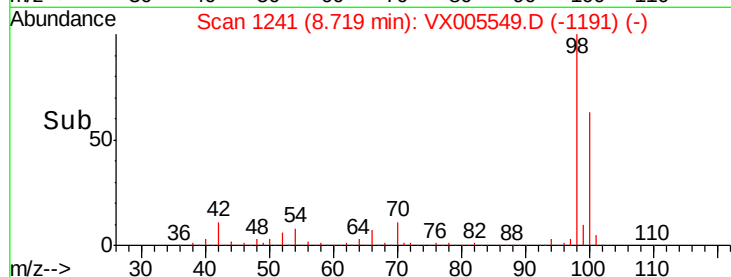
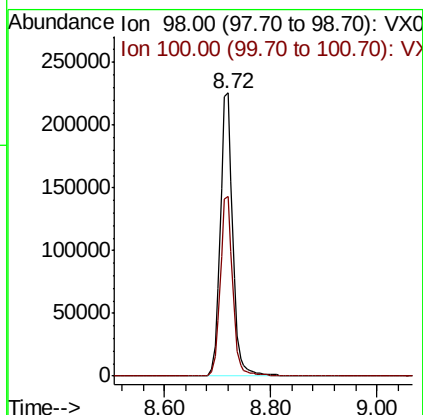
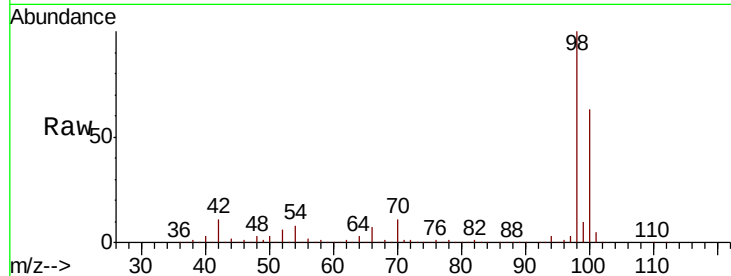




#50
Toluene-d8
Concen: 49.503 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005549.D
Acq: 24 Oct 2018 18:46

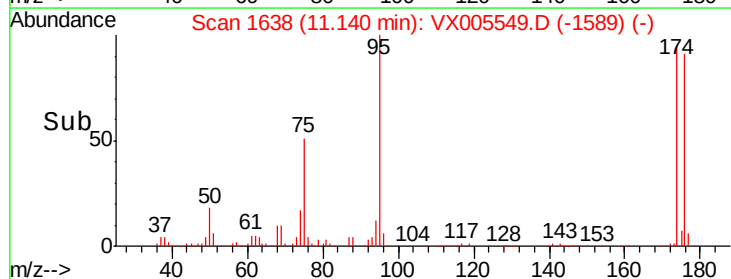
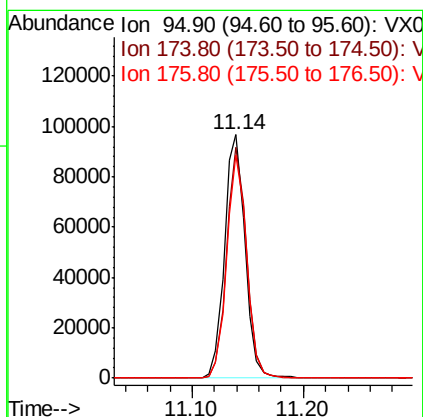
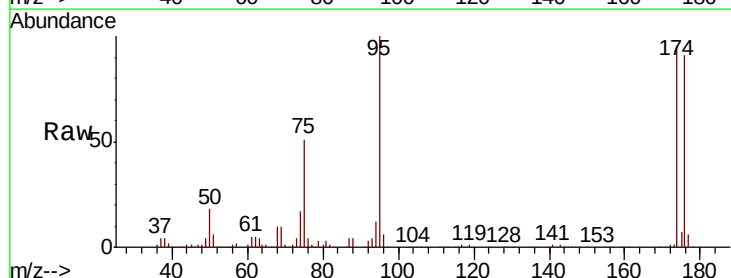
Instrument :
MSVOA_X
ClientSampled :
S37-0003

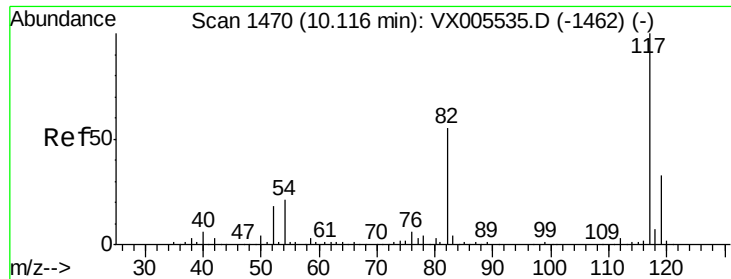
Tot Ion: 98 Resp: 373053
Ion Ratio Lower Upper
98 100
100 63.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.322 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005549.D
Acq: 24 Oct 2018 18:46

Tgt Ion: 95 Resp: 123291
Ion Ratio Lower Upper
95 100
174 92.4 0.0 185.2
176 89.3 0.0 178.6

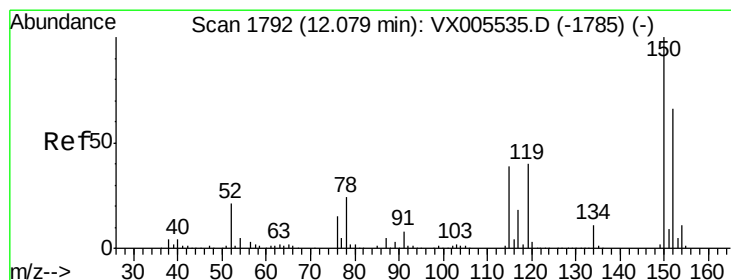
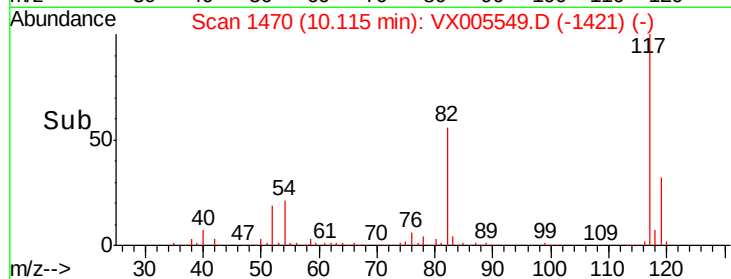
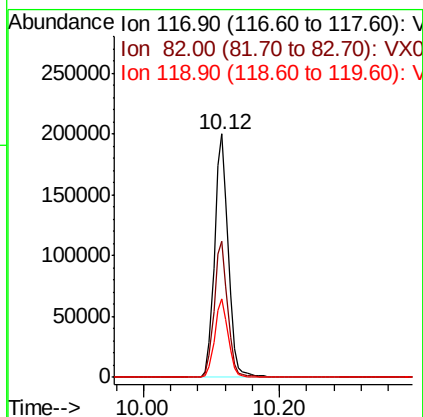
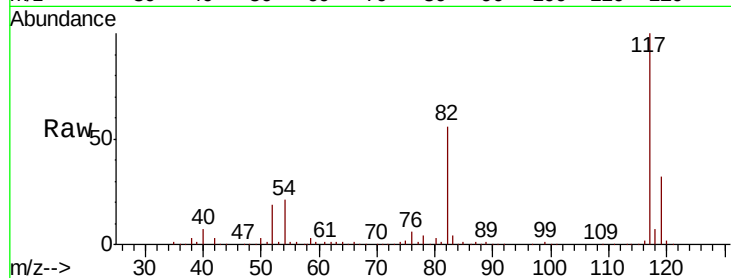




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005549.D
Acq: 24 Oct 2018 18:46

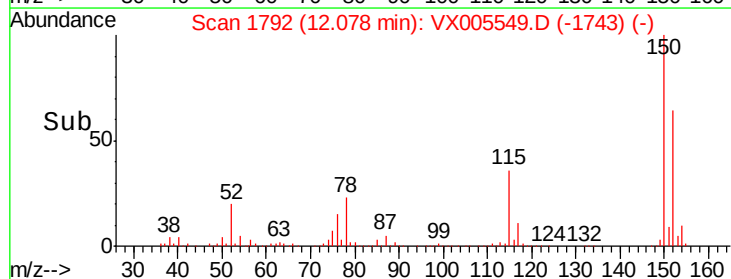
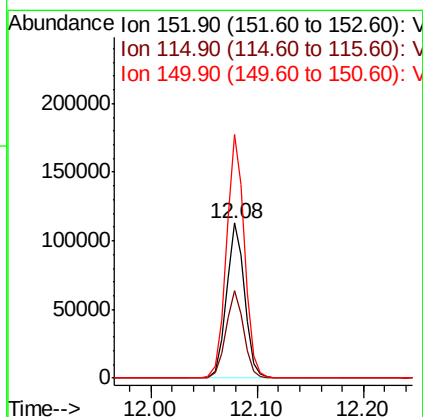
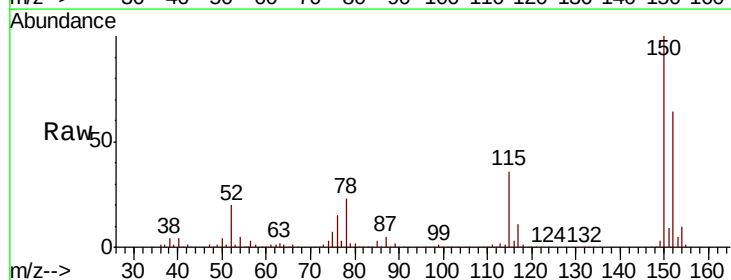
Instrument :
MSVOA_X
ClientSampled :
S37-0003

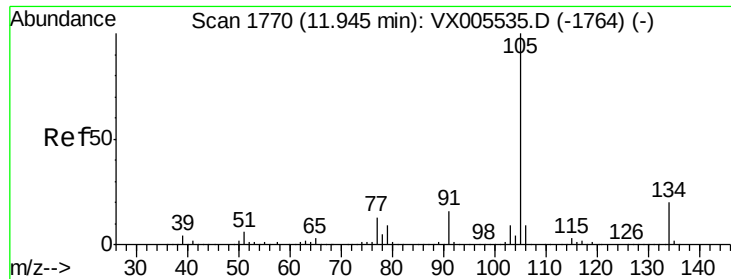
Tot Ion:117 Resp: 278537
Ion Ratio Lower Upper
117 100
82 55.8 47.8 71.6
119 32.3 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005549.D
Acq: 24 Oct 2018 18:46

Tgt Ion:152 Resp: 134258
Ion Ratio Lower Upper
152 100
115 55.7 39.0 117.0
150 156.2 0.0 351.0





#85

sec-Butylbenzene

Concen: 0.328 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005549.D

Acq: 24 Oct 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

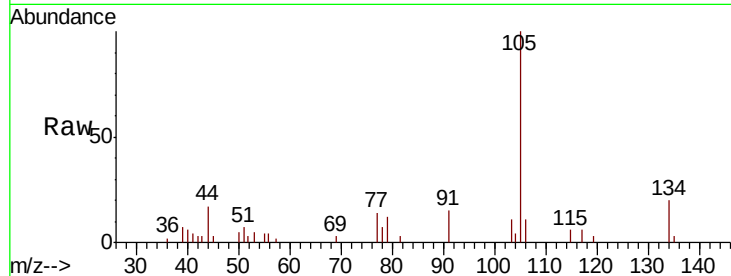
S37-0003

Tot Ion:105 Resp: 2741

Ion Ratio Lower Upper

105 100

134 29.6 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

2500

2000

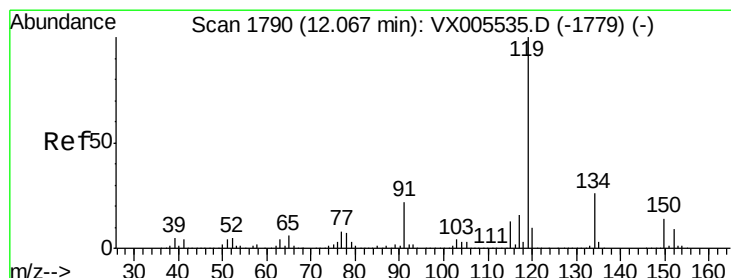
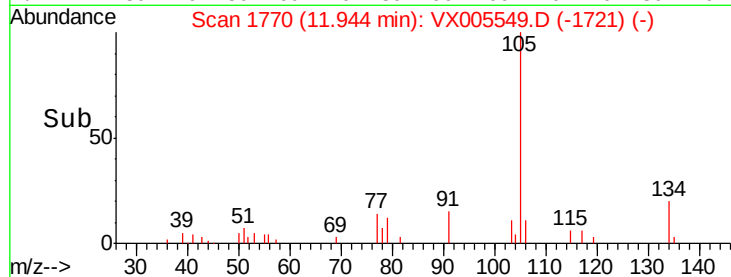
1500

1000

500

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.624 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX005549.D

Acq: 24 Oct 2018 18:46

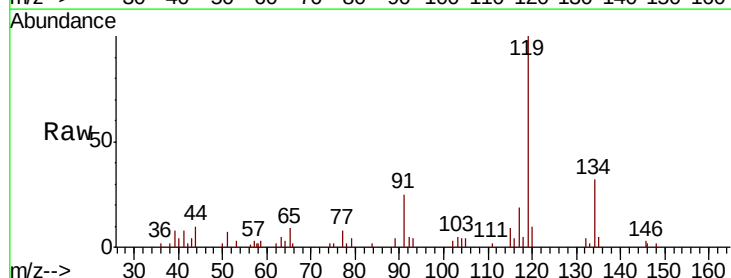
Tgt Ion:119 Resp: 4656

Ion Ratio Lower Upper

119 100

134 29.0 13.4 40.2

91 31.1 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

5000

4000

3000

2000

1000

0

Time-->

