

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\
 Data File : VX005589.D
 Acq On : 25 Oct 2018 15:10
 Operator : JC/MD
 Sample : J5656-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WS-DRUM

Quant Time: Oct 26 06:49:06 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

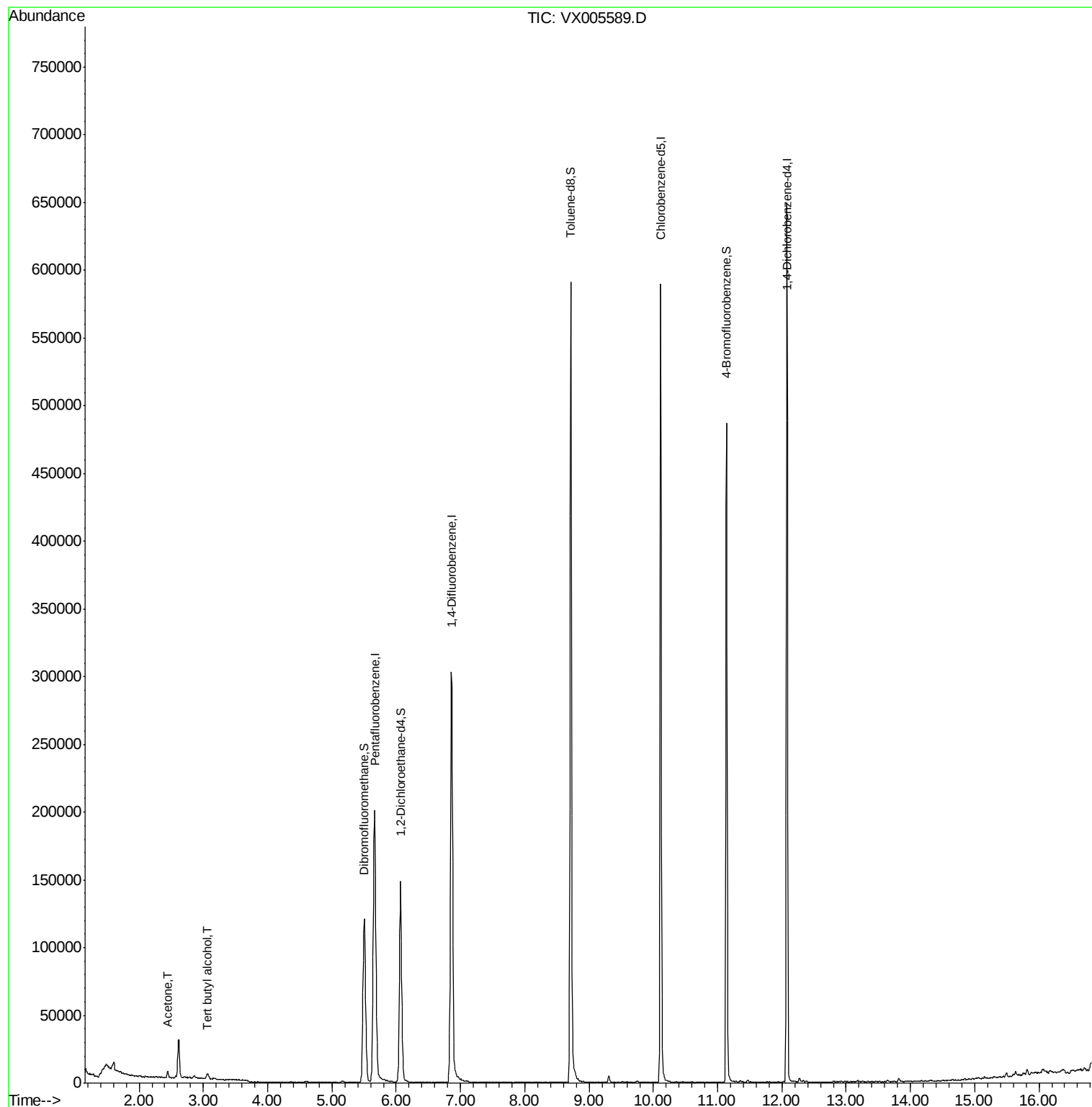
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	308488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137713	55.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.18%	
35) Dibromofluoromethane	5.51	113	102180	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	8.71	98	370496	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	121121	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	4437	6.596	ug/l #	89
16) Acetone	2.45	43	4767	3.609	ug/l	100

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

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Quant Title : SW846 8260
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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: VX005589.D

Acq: 25 Oct 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

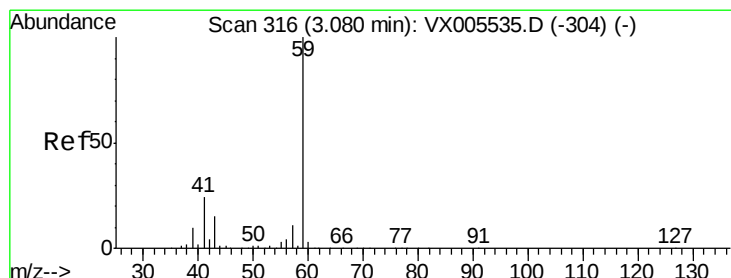
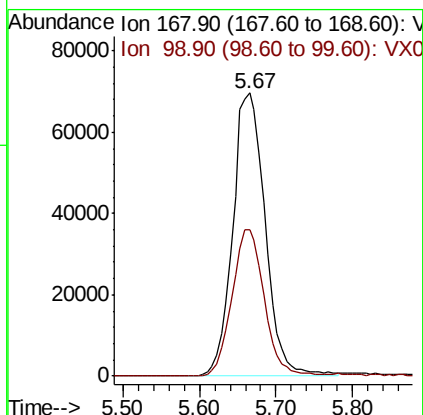
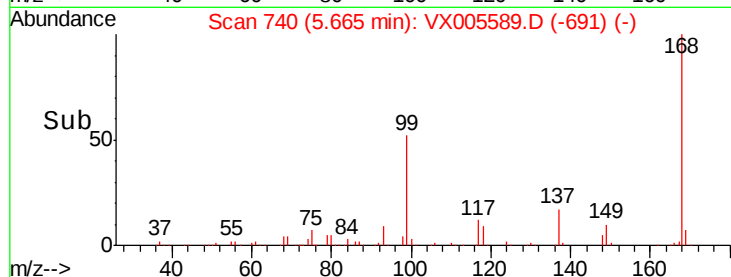
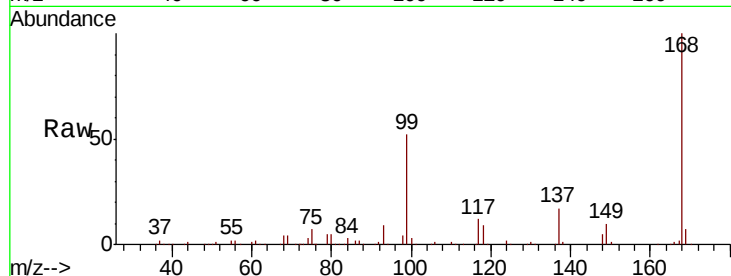
WS-DRUM

Tot Ion:168 Resp: 204795

Ion Ratio Lower Upper

168 100

99 51.8 40.7 61.1



#11

Tert butyl alcohol

Concen: 6.596 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX005589.D

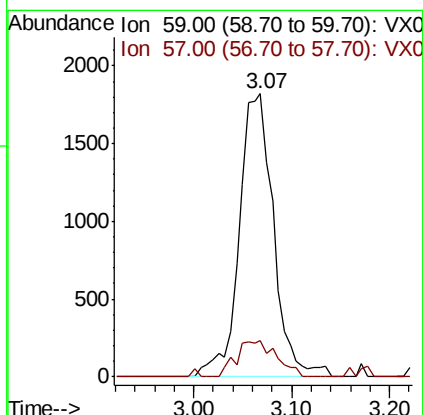
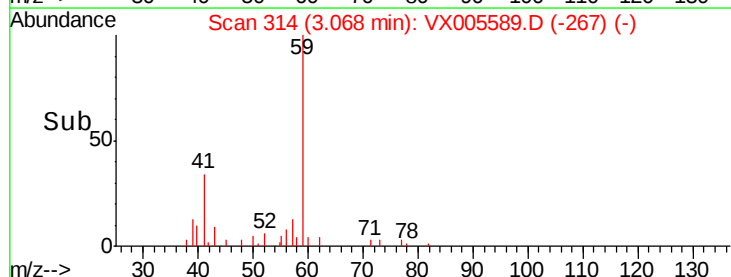
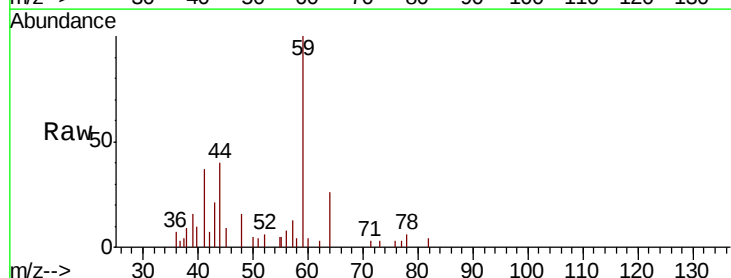
Acq: 25 Oct 2018 15:10

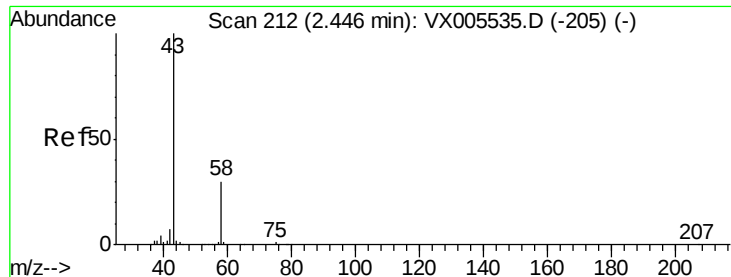
Tgt Ion: 59 Resp: 4437

Ion Ratio Lower Upper

59 100

57 14.9 8.5 12.7#





#16

Acetone

Concen: 3.609 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005589.D

Acq: 25 Oct 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

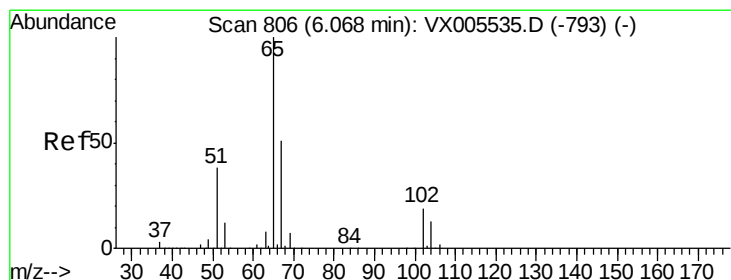
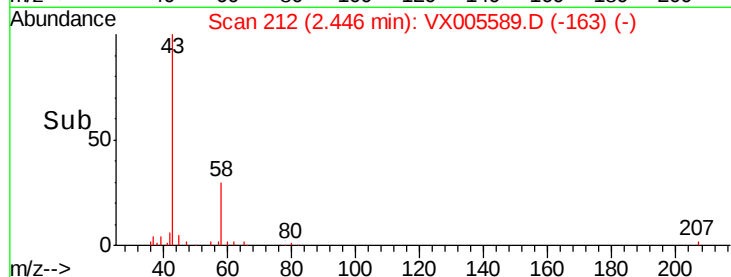
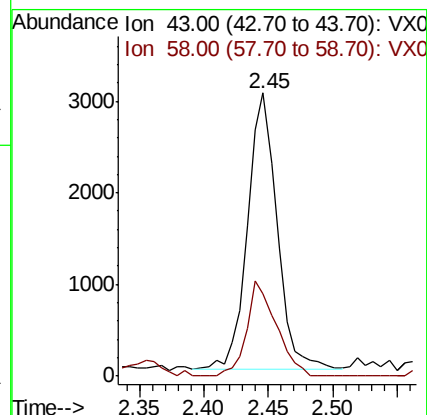
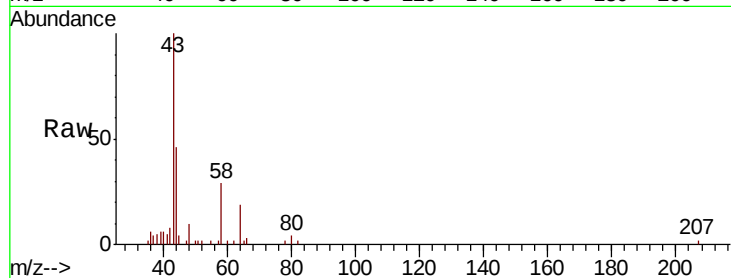
WS-DRUM

Tot Ion: 43 Resp: 4767

Ion Ratio Lower Upper

43 100

58 29.9 23.8 35.6



#33

1,2-Dichloroethane-d4

Concen: 55.087 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005589.D

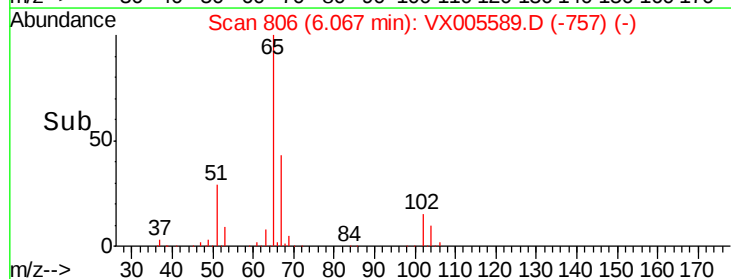
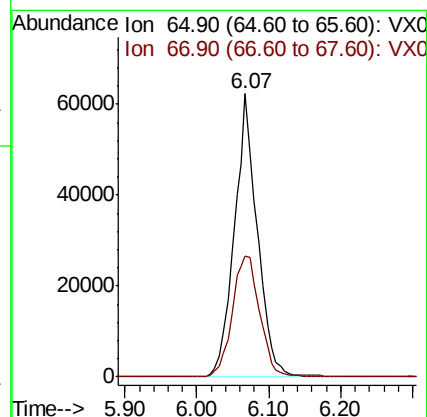
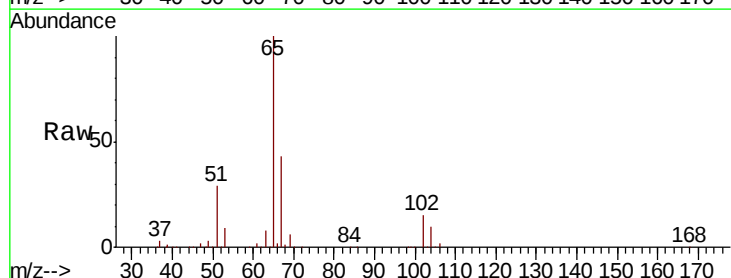
Acq: 25 Oct 2018 15:10

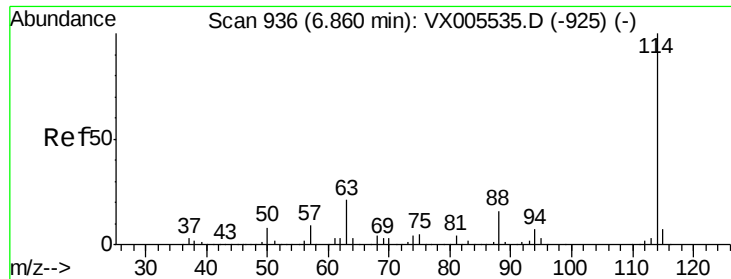
Tgt Ion: 65 Resp: 137713

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.0

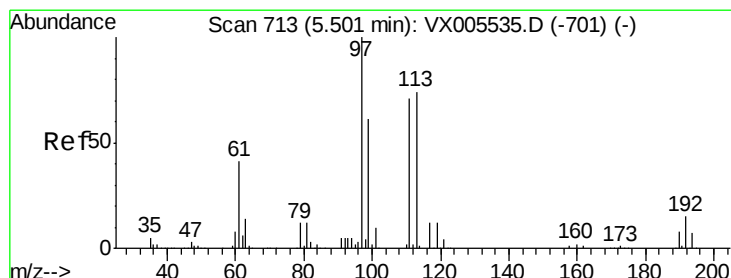
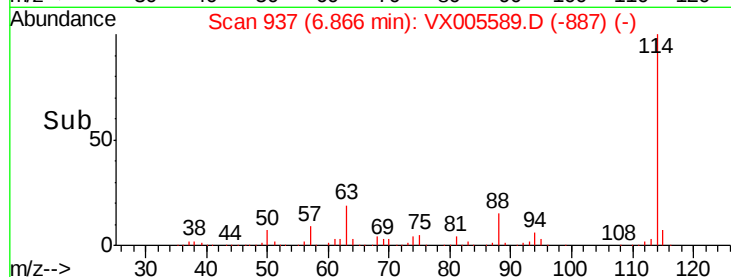
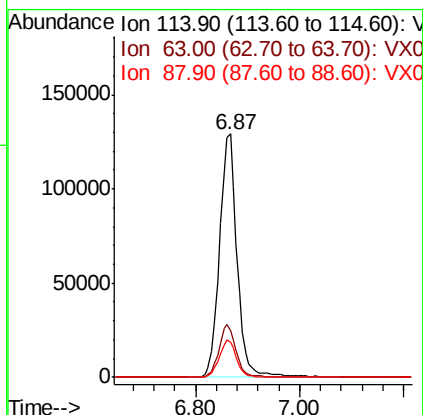
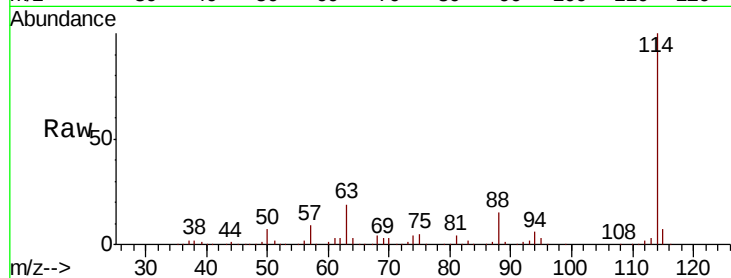




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005589.D
Acq: 25 Oct 2018 15:10

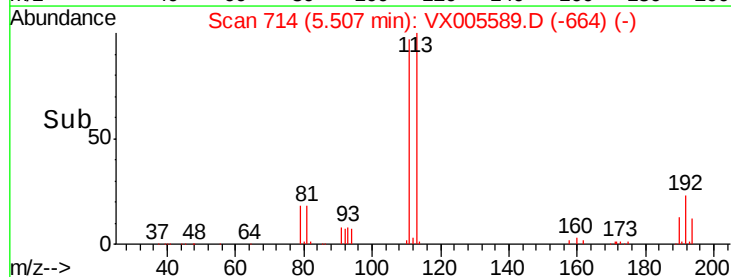
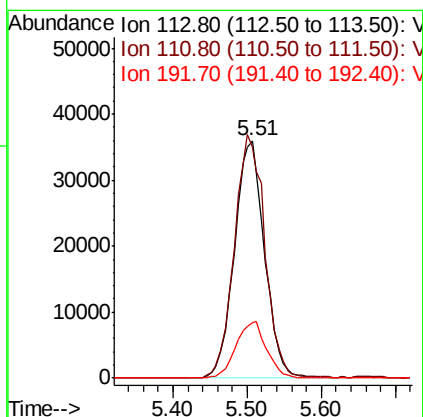
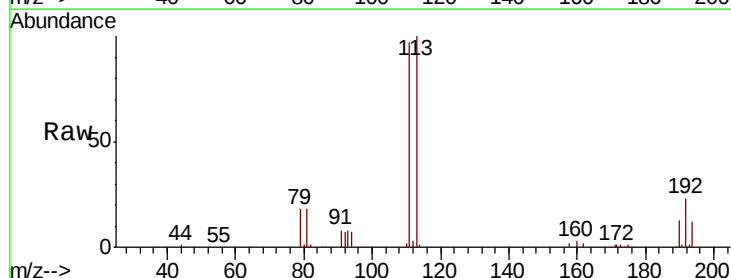
Instrument :
MSVOA_X
ClientSampleId :
WS-DRUM

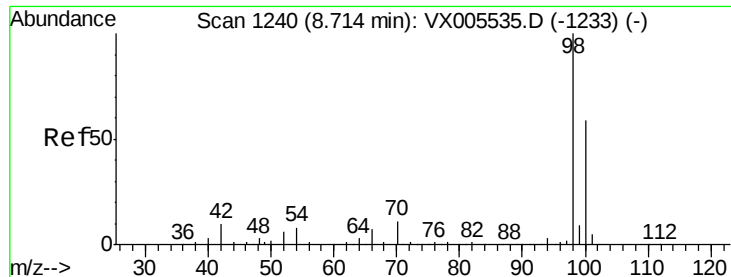
Tot Ion:114 Resp: 308488
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.8
88 14.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 48.918 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005589.D
Acq: 25 Oct 2018 15:10

Tgt Ion:113 Resp: 102180
Ion Ratio Lower Upper
113 100
111 103.8 82.3 123.5
192 23.9 17.9 26.9





#50

Toluene-d8

Concen: 49.363 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005589.D

Acq: 25 Oct 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

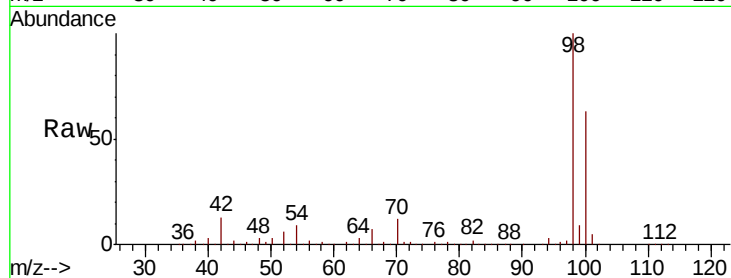
WS-DRUM

Tot Ion: 98 Resp: 370496

Ion Ratio Lower Upper

98 100

100 63.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

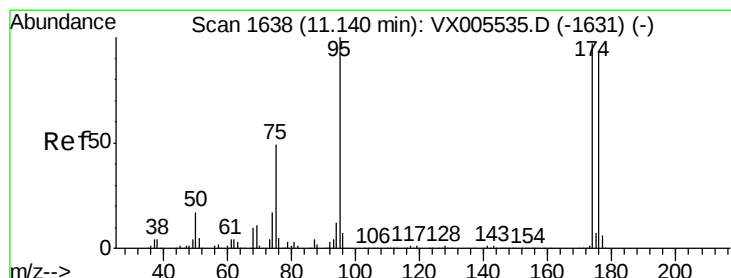
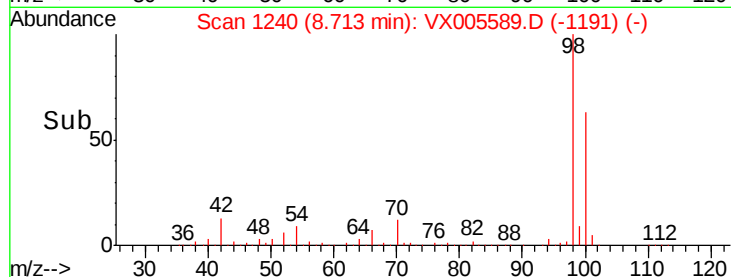
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 42.732 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005589.D

Acq: 25 Oct 2018 15:10

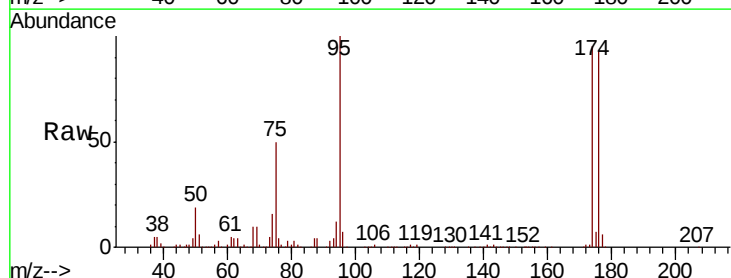
Tgt Ion: 95 Resp: 121121

Ion Ratio Lower Upper

95 100

174 94.8 0.0 184.4

176 91.2 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

120000

100000

80000

60000

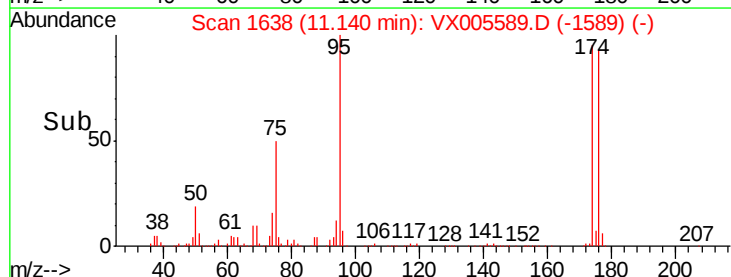
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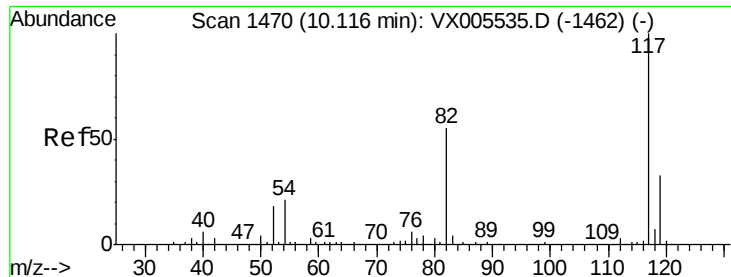
20000

0

11.10 11.20 11.30

Time-->

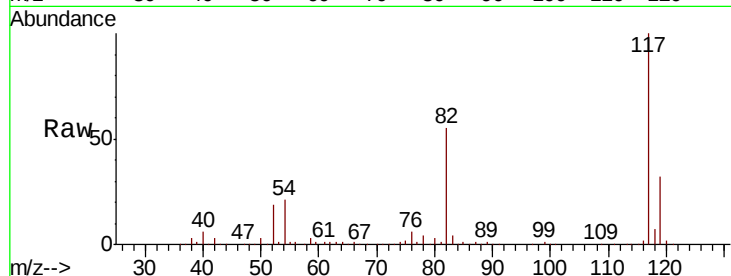




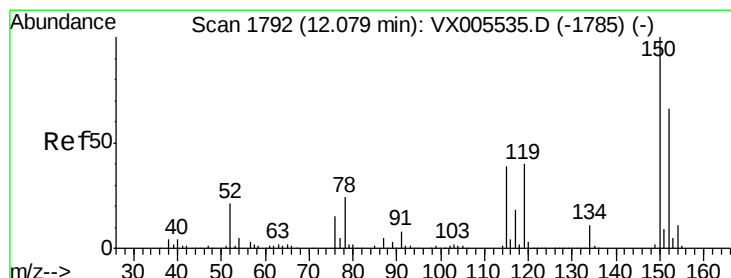
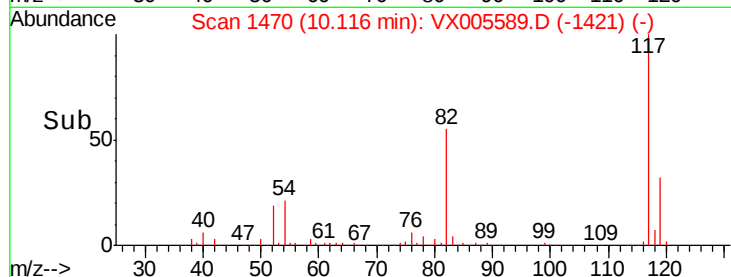
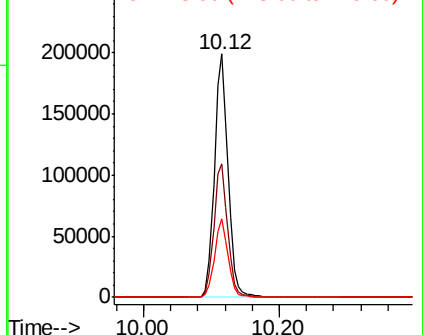
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005589.D
Acq: 25 Oct 2018 15:10

Instrument :
MSVOA_X
ClientSampled :
WS-DRUM

Tot Ion:117 Resp: 276515
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 32.2 26.2 39.2

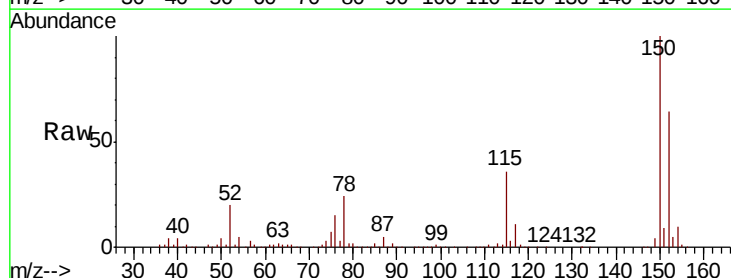


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005589.D
Acq: 25 Oct 2018 15:10

Tgt Ion:152 Resp: 133596
Ion Ratio Lower Upper
152 100
115 55.2 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

