

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005574.D
 Acq On : 25 Oct 2018 06:44
 Operator : JC/MD
 Sample : J5656-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WS-DRUM

Quant Time: Oct 25 08:28:25 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

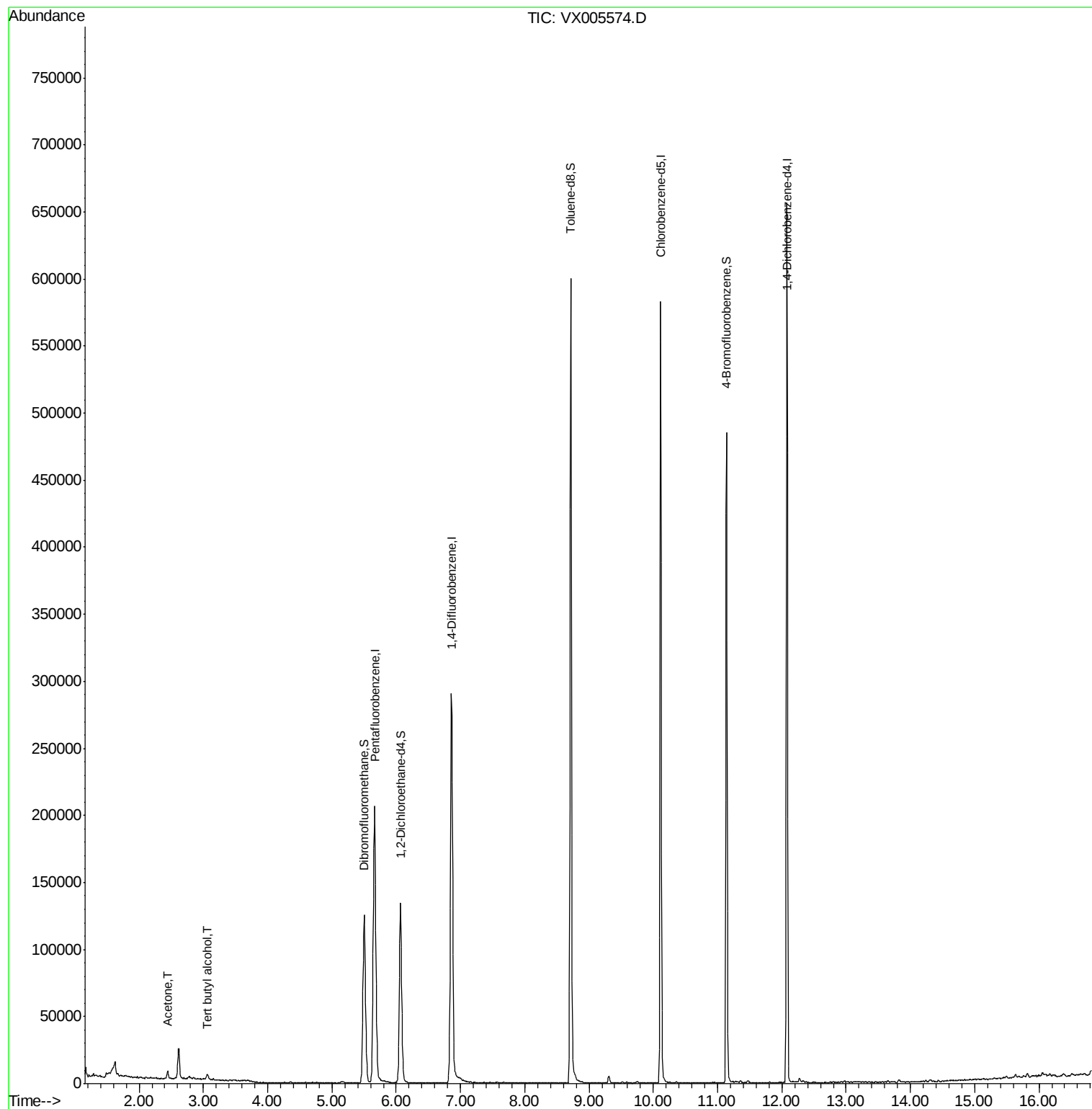
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	301315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	129219	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
35) Dibromofluoromethane	5.50	113	103226	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.71	98	366408	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.14	95	121889	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	4784	7.225	ug/l #	91
16) Acetone	2.45	43	6347	4.881	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: VX005574.D

Acq: 25 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

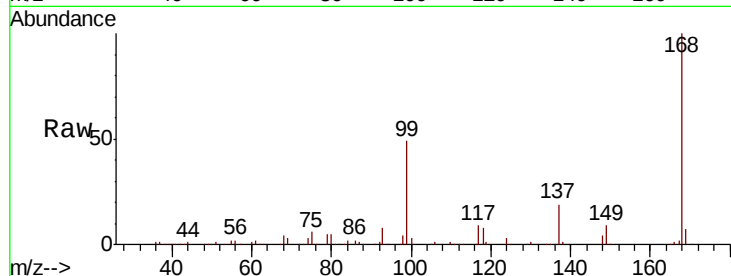
WS-DRUM

Tot Ion:168 Resp: 201577

Ion Ratio Lower Upper

168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

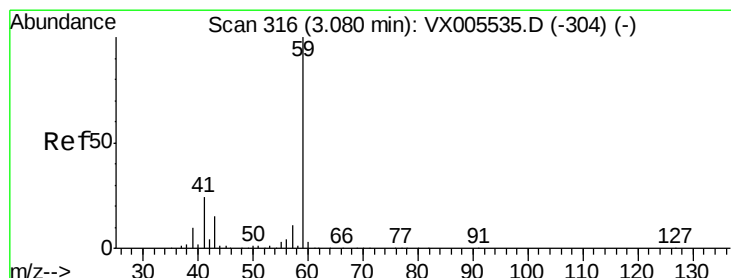
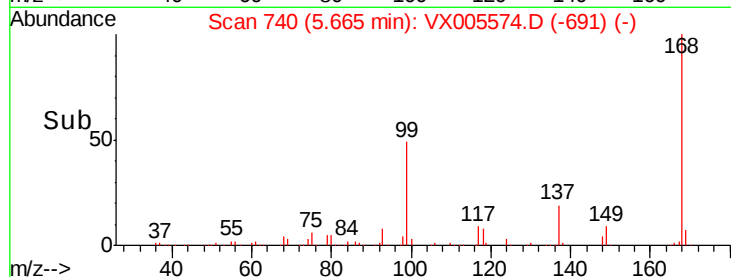
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 7.225 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX005574.D

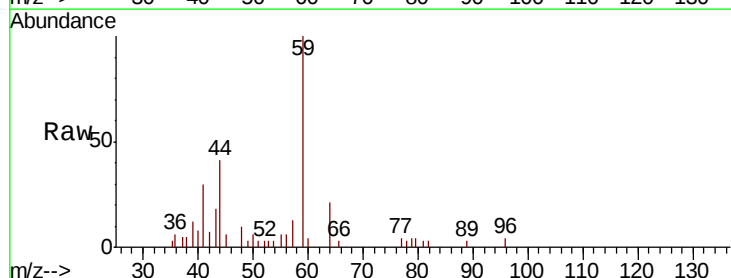
Acq: 25 Oct 2018 06:44

Tgt Ion: 59 Resp: 4784

Ion Ratio Lower Upper

59 100

57 13.8 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

2000

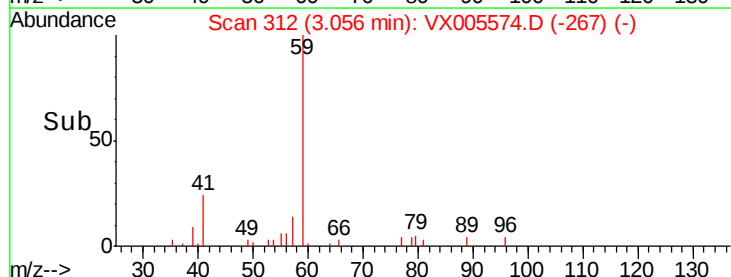
1500

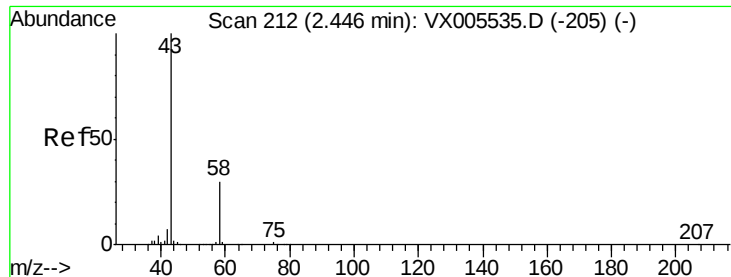
1000

500

0

Time--> 3.00 3.10 3.20





#16

Acetone

Concen: 4.881 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005574.D

Acq: 25 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

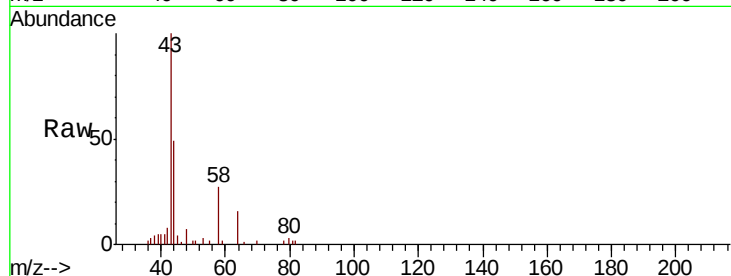
WS-DRUM

Tot Ion: 43 Resp: 6347

Ion Ratio Lower Upper

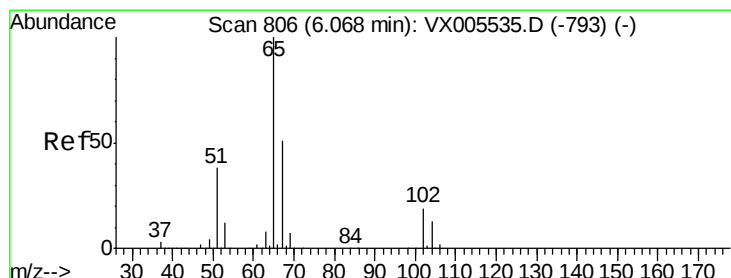
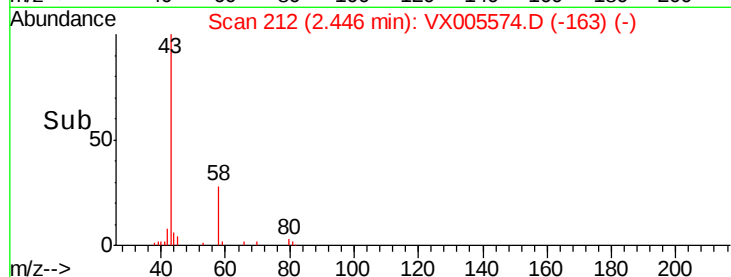
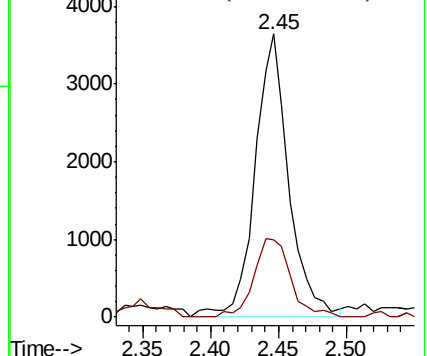
43 100

58 27.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.515 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005574.D

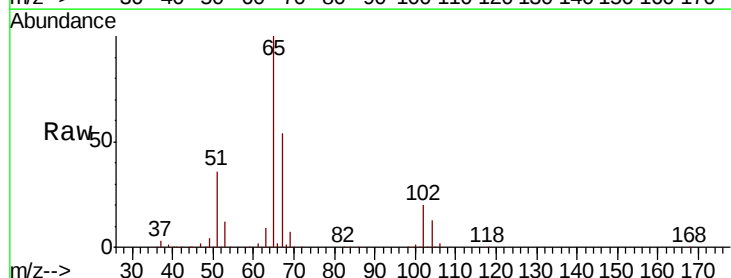
Acq: 25 Oct 2018 06:44

Tgt Ion: 65 Resp: 129219

Ion Ratio Lower Upper

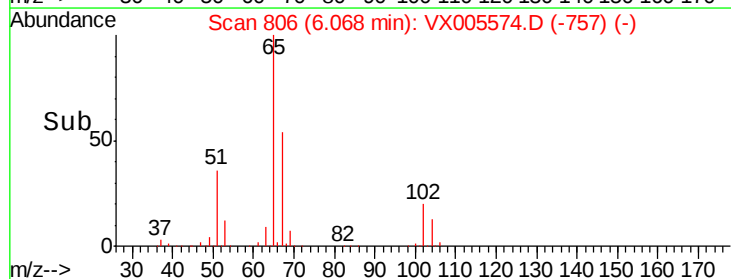
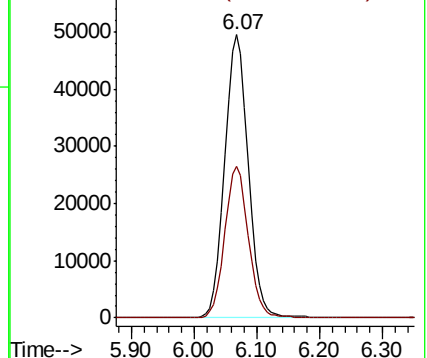
65 100

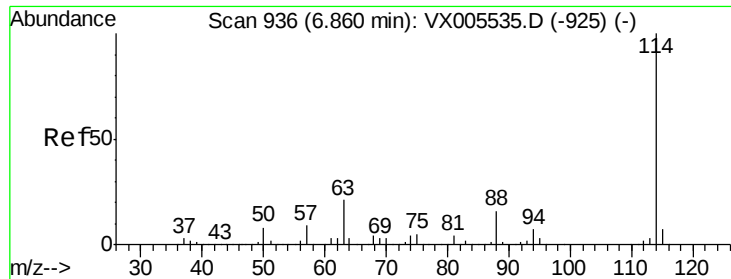
67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

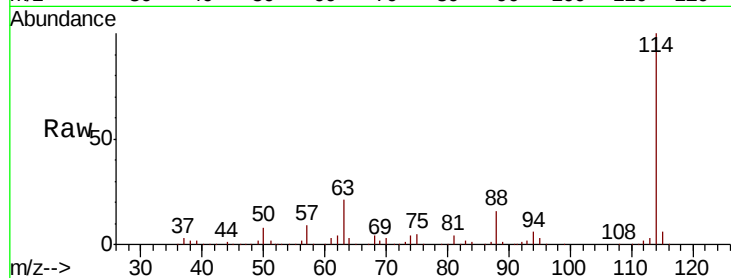




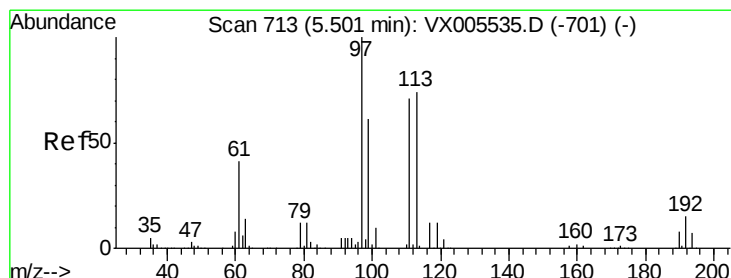
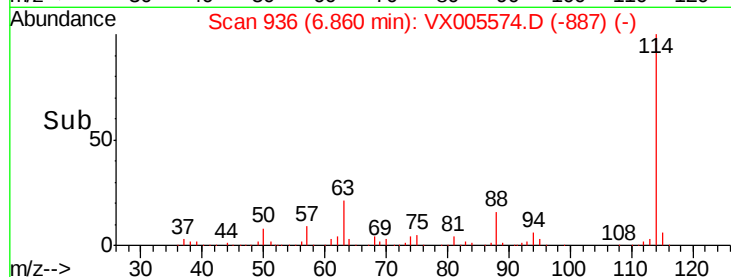
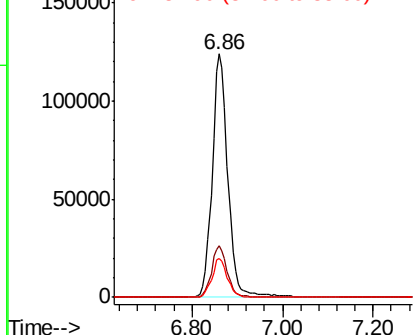
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005574.D
 Acq: 25 Oct 2018 06:44

Instrument :
 MSVOA_X
 ClientSampleId :
 WS-DRUM

Tot Ion:114 Resp: 301315
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.0
 88 15.8 0.0 30.4

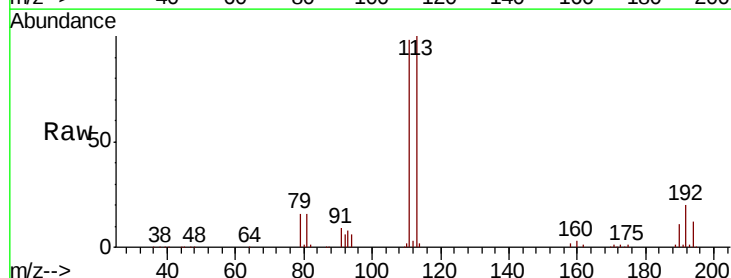


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

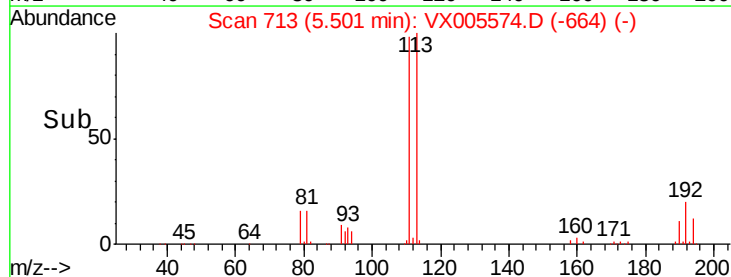
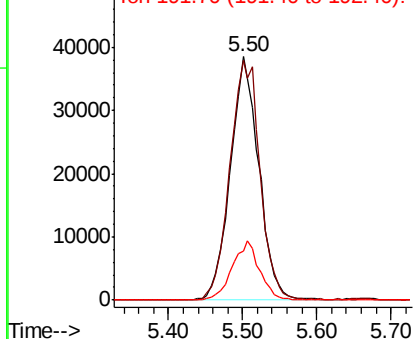


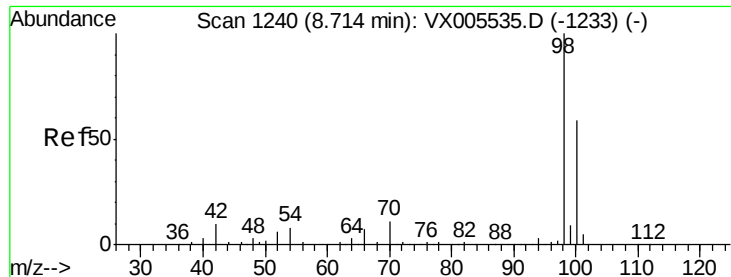
#35
 Dibromofluoromethane
 Concen: 50.595 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005574.D
 Acq: 25 Oct 2018 06:44

Tgt Ion:113 Resp: 103226
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.4 123.6
 192 23.2 19.4 29.2



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

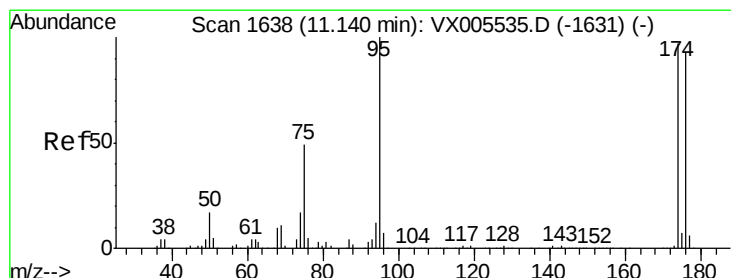
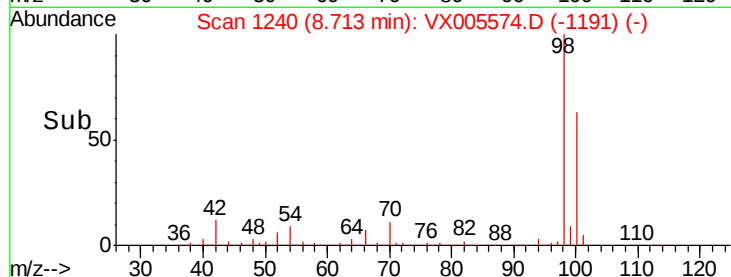
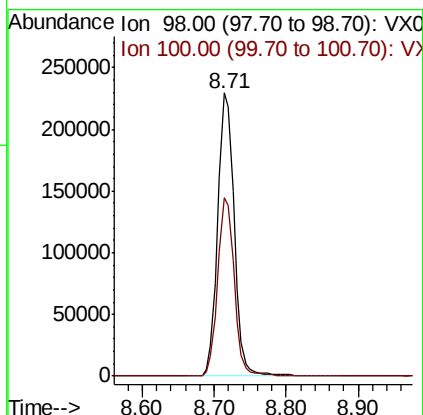
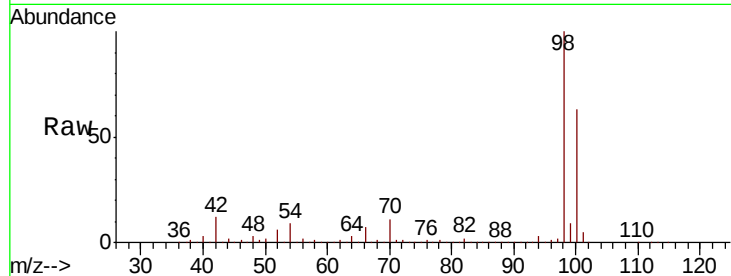




#50
Toluene-d8
Concen: 49.980 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005574.D
Acq: 25 Oct 2018 06:44

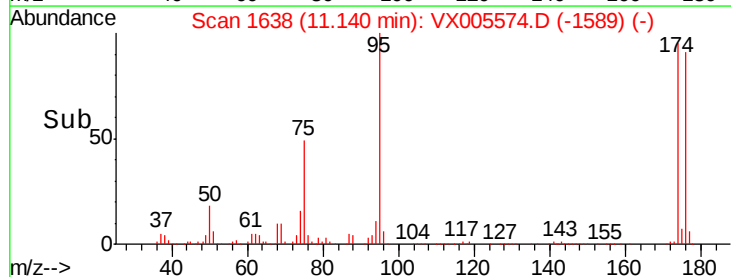
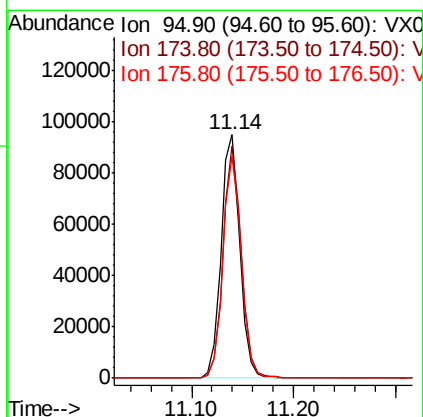
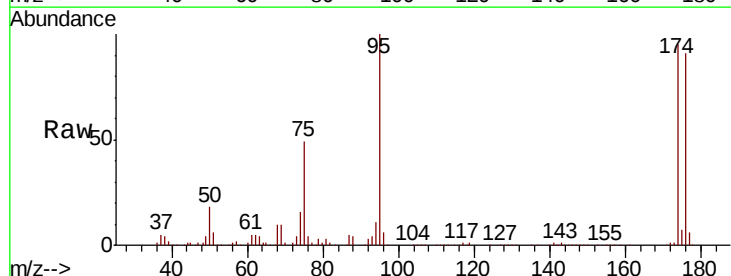
Instrument :
MSVOA_X
ClientSampleId :
WS-DRUM

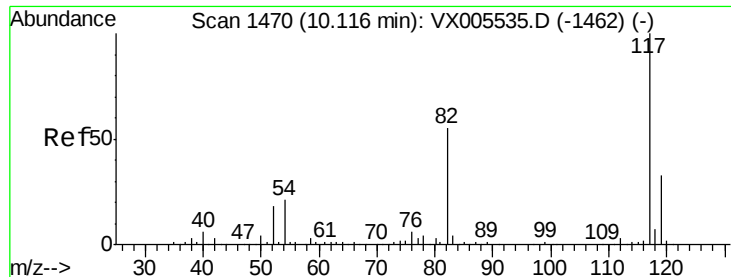
Tot Ion: 98 Resp: 366408
Ion Ratio Lower Upper
98 100
100 62.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.026 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005574.D
Acq: 25 Oct 2018 06:44

Tgt Ion: 95 Resp: 121889
Ion Ratio Lower Upper
95 100
174 92.6 0.0 185.2
176 89.4 0.0 178.6

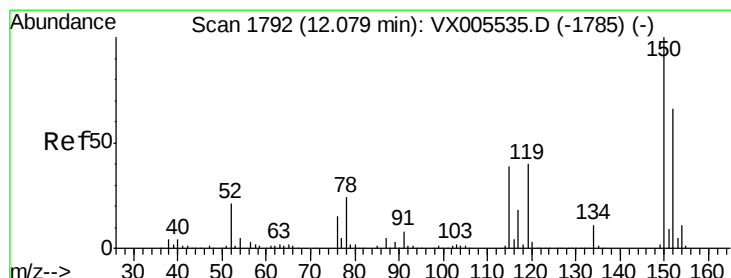
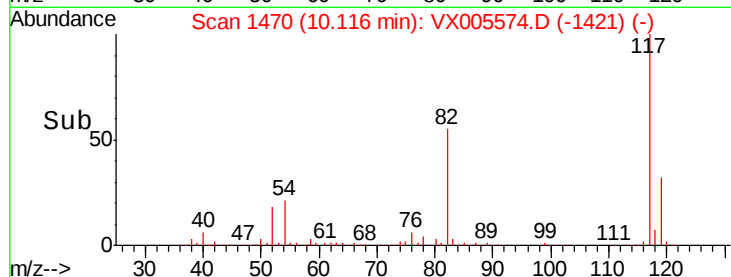
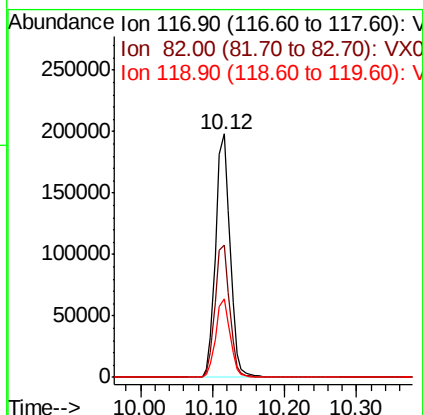
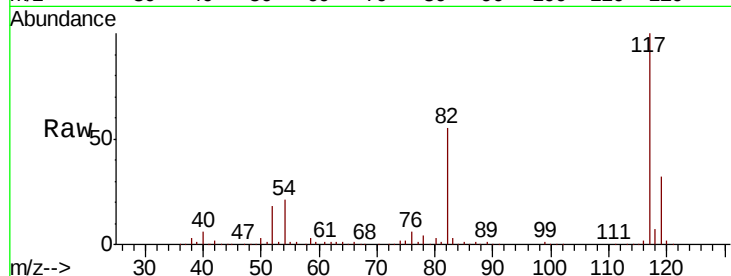




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005574.D
Acq: 25 Oct 2018 06:44

Instrument :
MSVOA_X
ClientSampleId :
WS-DRUM

Tot Ion:117 Resp: 274519
Ion Ratio Lower Upper
117 100
82 54.5 47.8 71.6
119 32.2 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: VX005574.D
Acq: 25 Oct 2018 06:44

Tgt Ion:152 Resp: 131668
Ion Ratio Lower Upper
152 100
115 55.5 39.0 117.0
150 155.8 0.0 351.0

