

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005408.D
 Acq On : 17 Oct 2018 23:47
 Operator : JC/MD
 Sample : J5569-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RLF-SW-FD-01

Quant Time: Oct 19 02:25:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	413915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177118	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161814	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	5.51	113	130850	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	8.71	98	489712	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.14	95	160530	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	

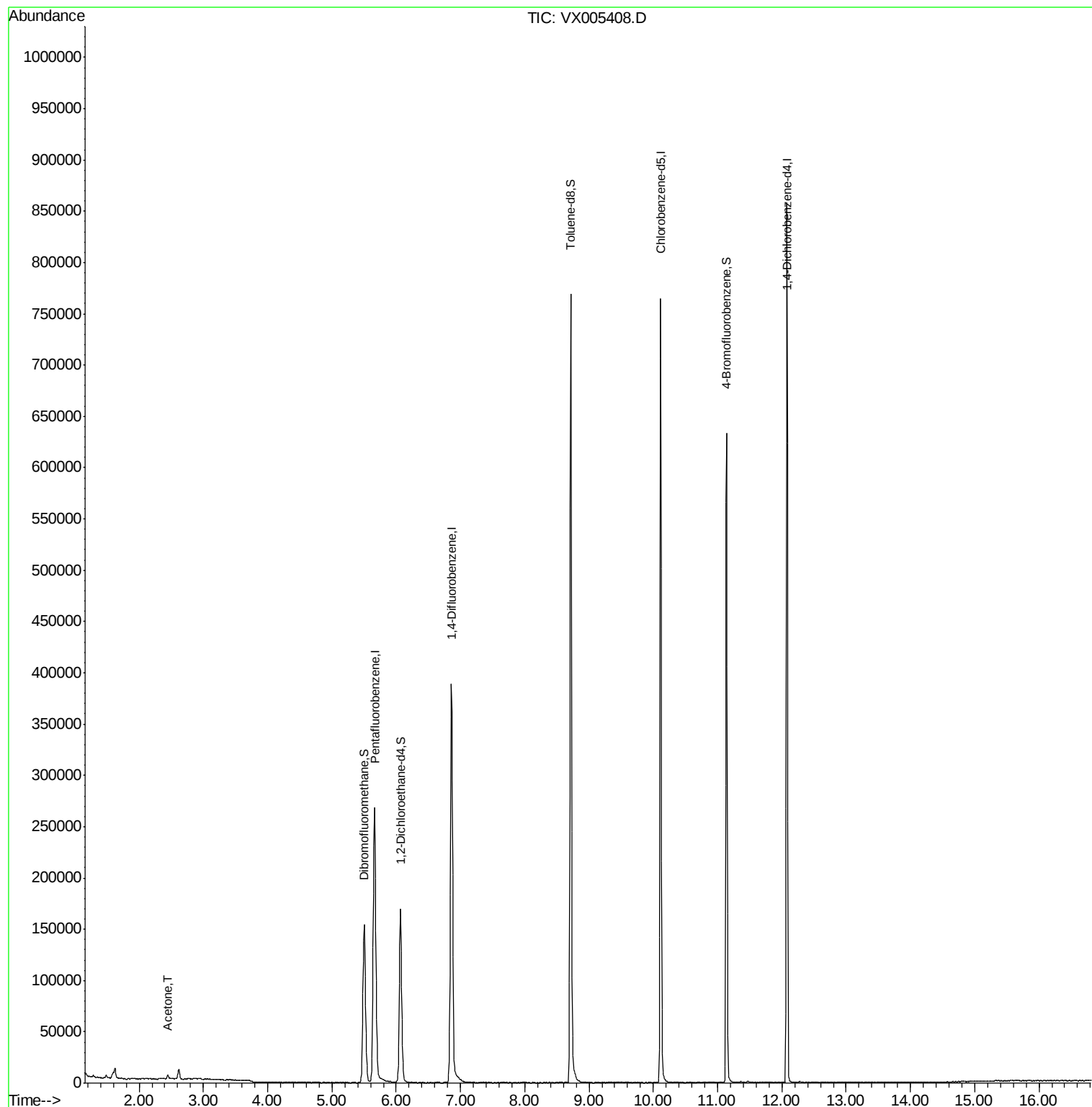
Target Compounds						Qvalue
16) Acetone	2.45	43	4405	2.38	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

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MSVOA_X

ClientSampleId :

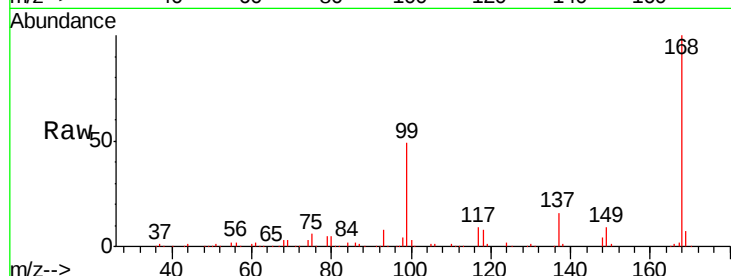
RLF-SW-FD-01

Tgt Ion:168 Resp: 287965

Ion Ratio Lower Upper

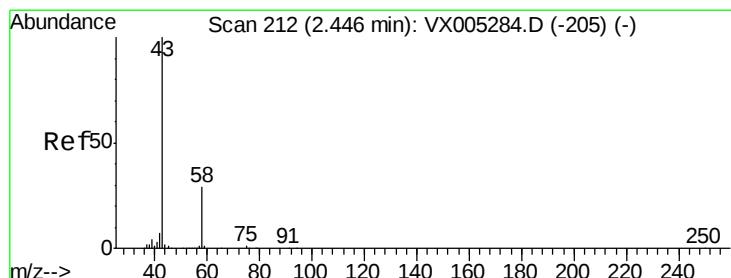
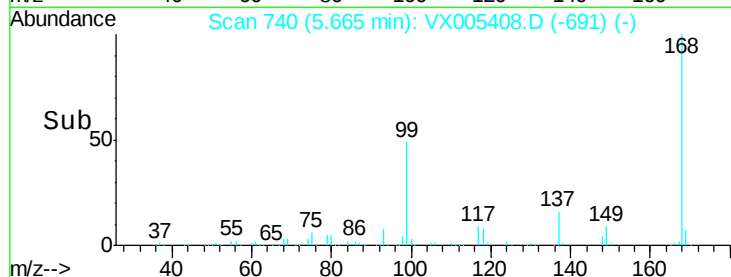
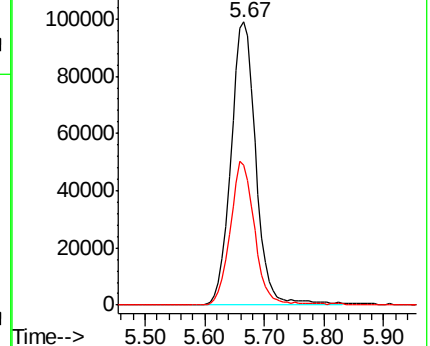
168 100

99 49.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.38 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005408.D

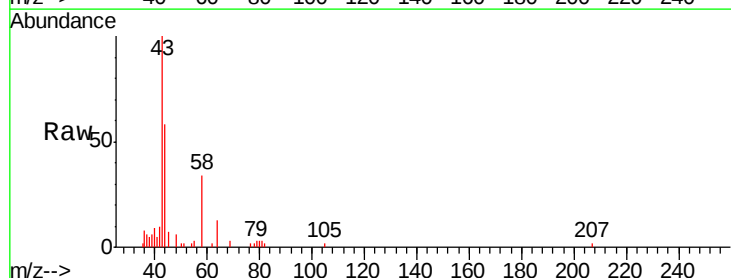
Acq: 17 Oct 2018 23:47

Tgt Ion: 43 Resp: 4405

Ion Ratio Lower Upper

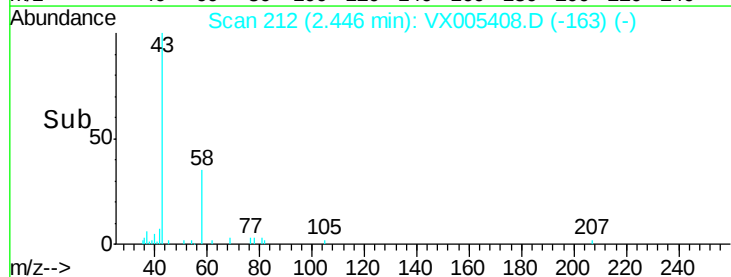
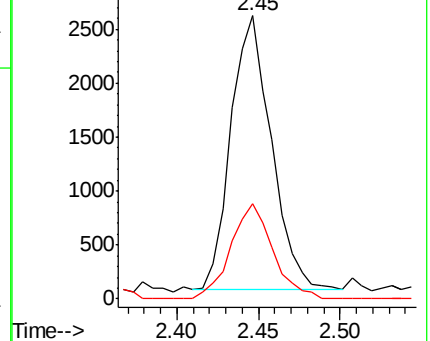
43 100

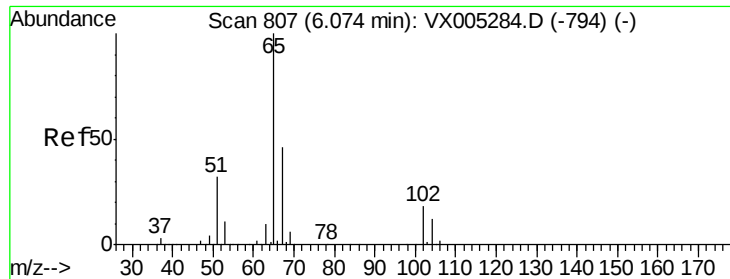
58 34.9 26.2 39.4



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: 50.63 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005408.D

Acq: 17 Oct 2018 23:47

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MSVOA_X

ClientSampleId :

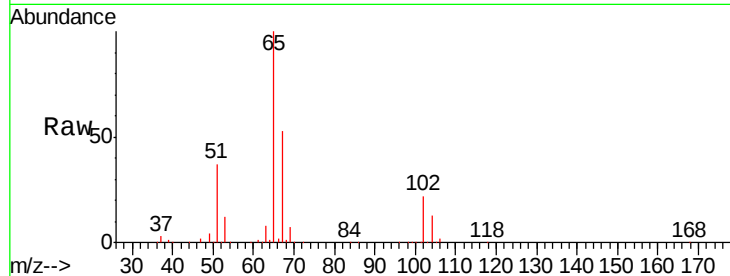
RLF-SW-FD-01

Tgt Ion: 65 Resp: 161814

Ion Ratio Lower Upper

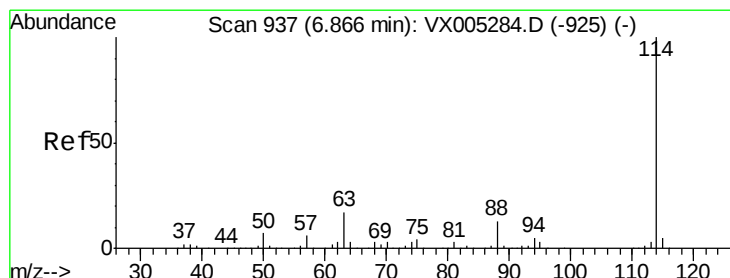
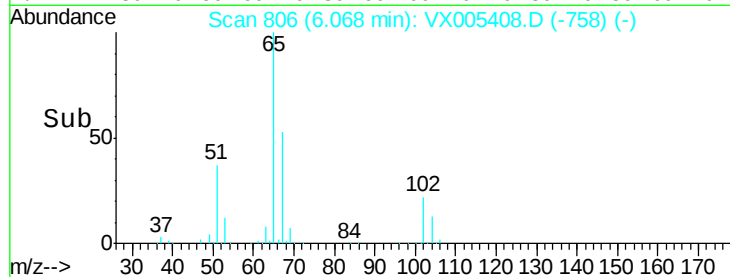
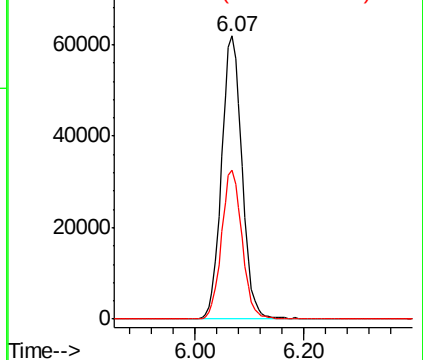
65 100

67 52.6 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: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005408.D

Acq: 17 Oct 2018 23:47

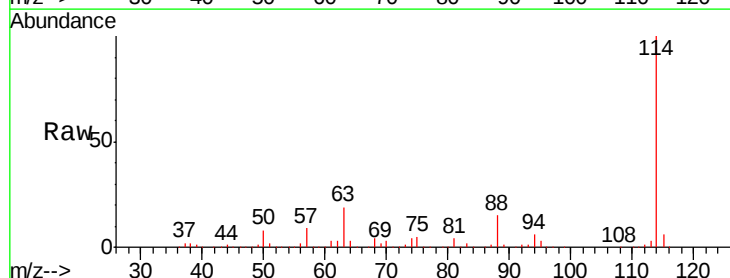
Tgt Ion: 114 Resp: 413915

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

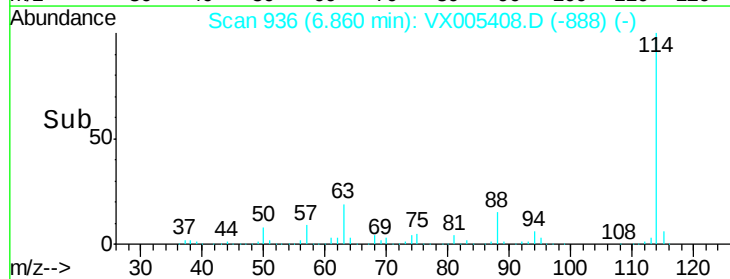
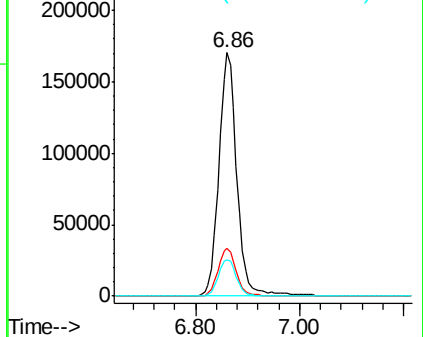
88 15.0 0.0 30.4

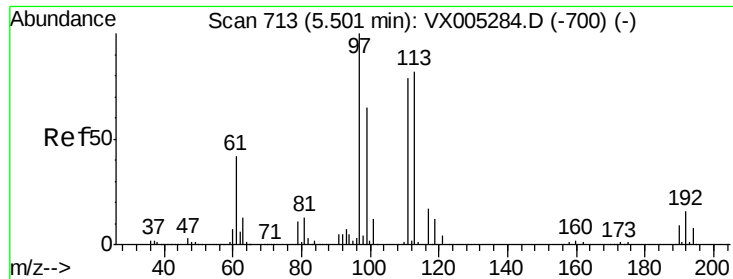


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

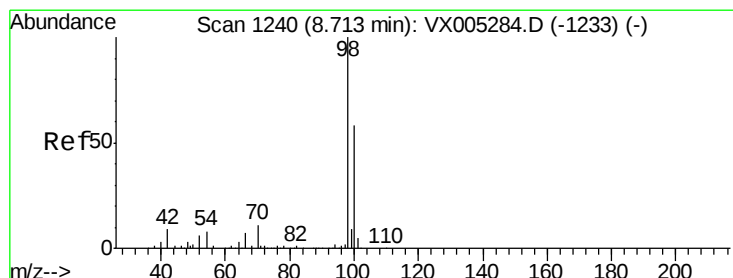
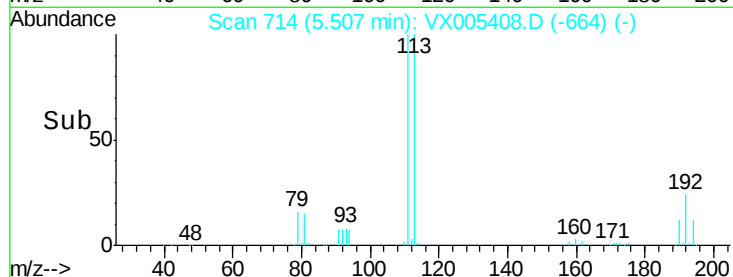
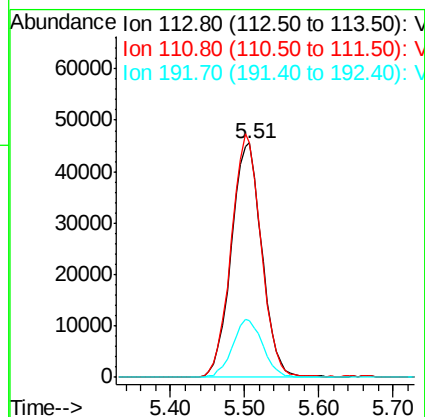
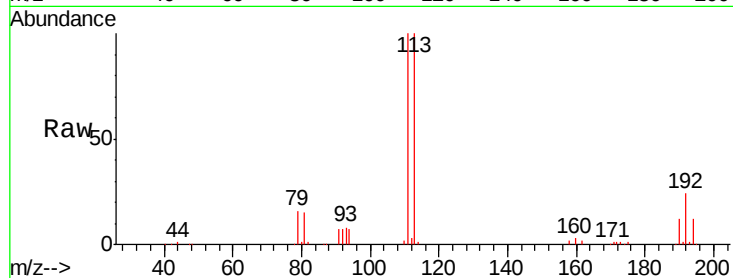




#35
 Dibromofluoromethane
 Concen: 47.73 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005408.D
 Acq: 17 Oct 2018 23:47

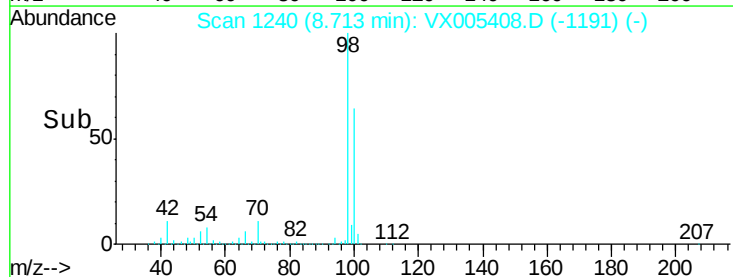
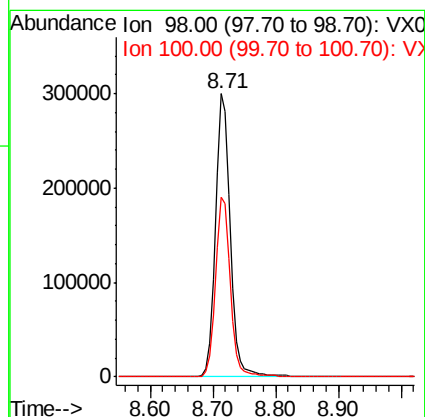
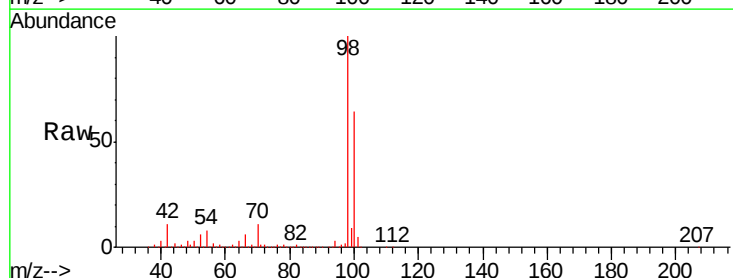
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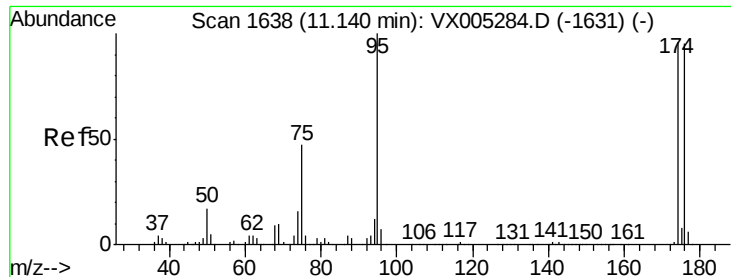
Tgt Ion:113 Resp: 130850
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.4 123.6
 192 24.4 19.4 29.2



#50
 Toluene-d8
 Concen: 52.03 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005408.D
 Acq: 17 Oct 2018 23:47

Tgt Ion: 98 Resp: 489712
 Ion Ratio Lower Upper
 98 100
 100 63.9 52.9 79.3

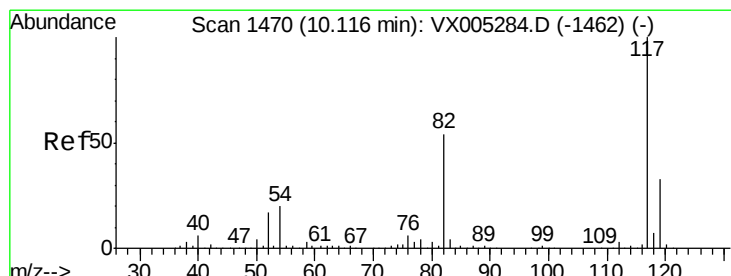
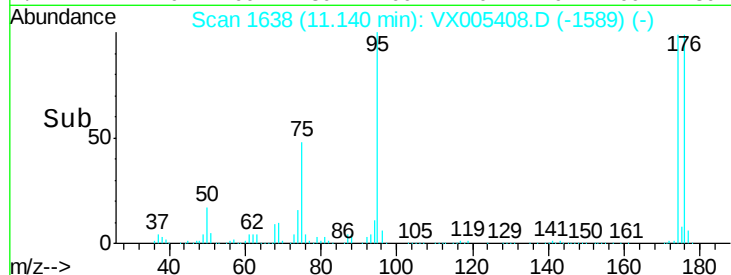
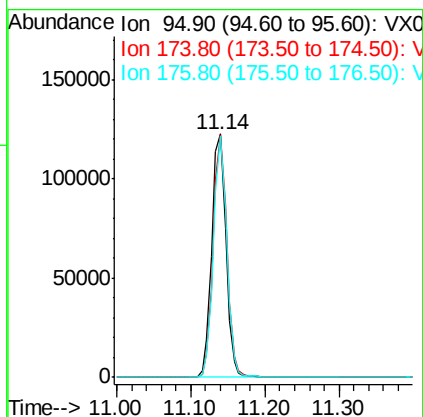
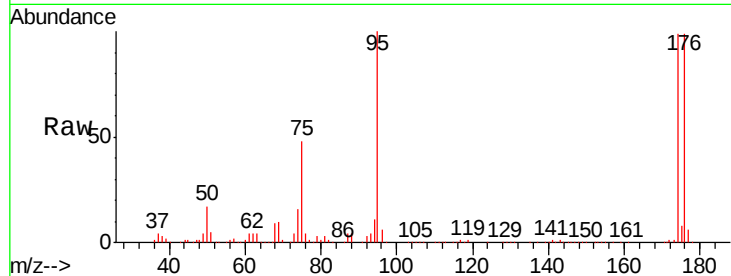




#62
4-Bromofluorobenzene
Concen: 45.40 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005408.D
Acq: 17 Oct 2018 23:47

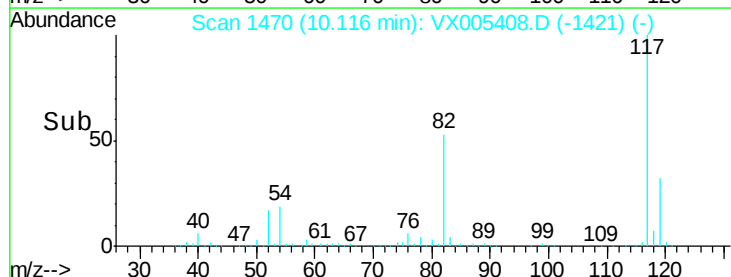
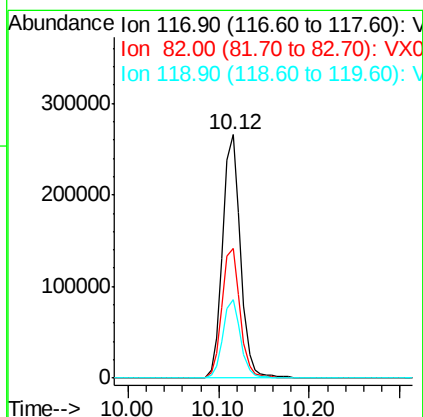
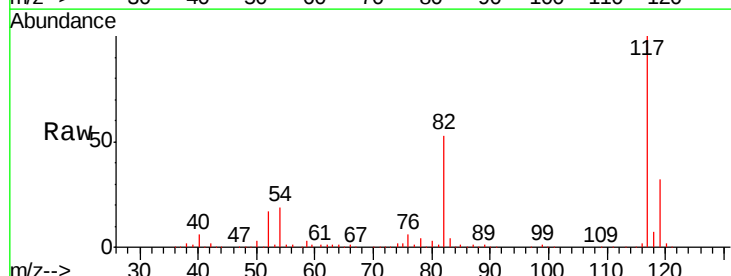
Instrument :
MSVOA_X
ClientSampleId :
RLF-SW-FD-01

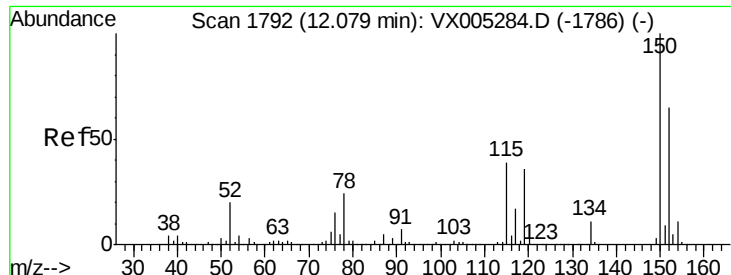
Tgt Ion: 95 Resp: 160530
Ion Ratio Lower Upper
95 100
174 96.5 0.0 185.2
176 93.1 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005408.D
Acq: 17 Oct 2018 23:47

Tgt Ion: 117 Resp: 366863
Ion Ratio Lower Upper
117 100
82 53.0 47.8 71.6
119 32.3 29.3 43.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005408.D
 Acq: 17 Oct 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 RLF-SW-FD-01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.0	117.0
150	157.1	0.0	351.0

