

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003912.D
 Acq On : 08 Aug 2018 06:44
 Operator : JC/MD
 Sample : J4344-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0537

Quant Time: Aug 08 08:38:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	340185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	529750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	503712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277324	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	228018	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
35) Dibromofluoromethane	5.50	113	192966	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
50) Toluene-d8	8.72	98	749048	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.14	95	267155	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	

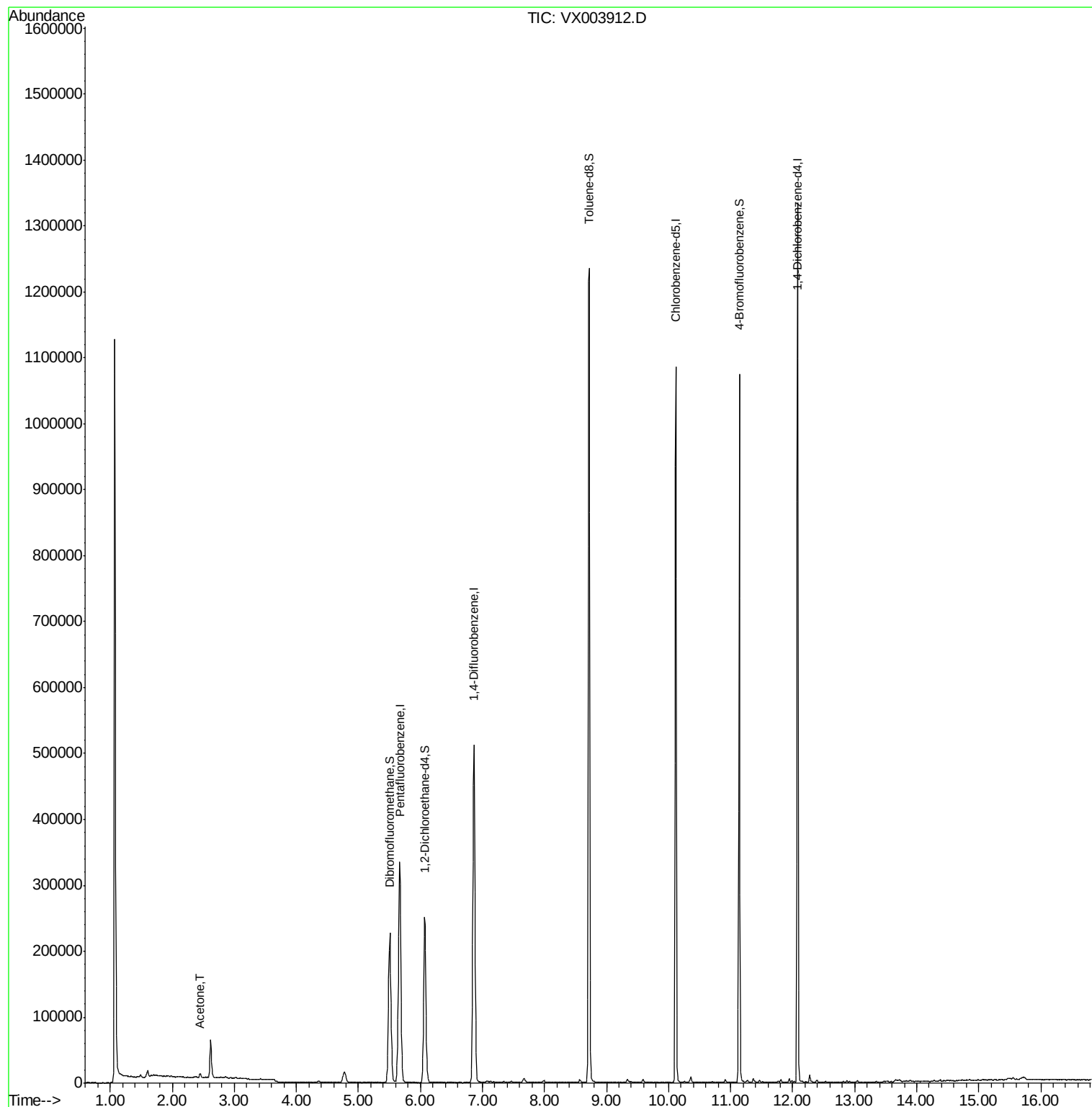
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	6508	2.43	ug/l	96

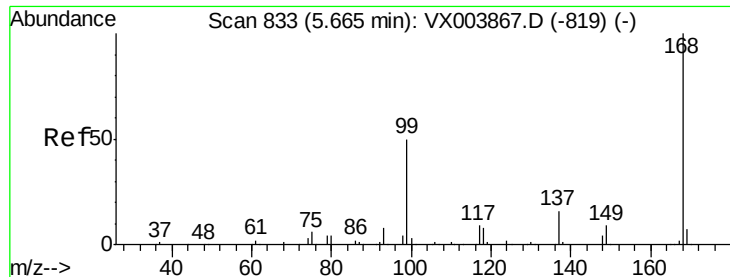
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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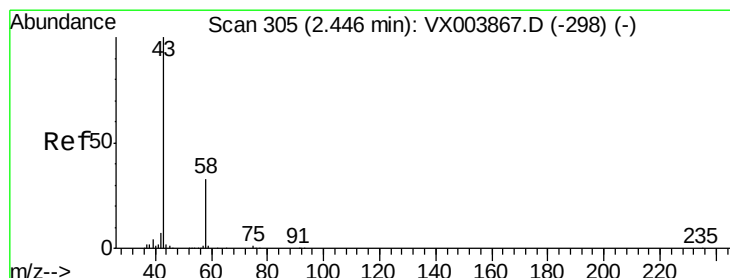
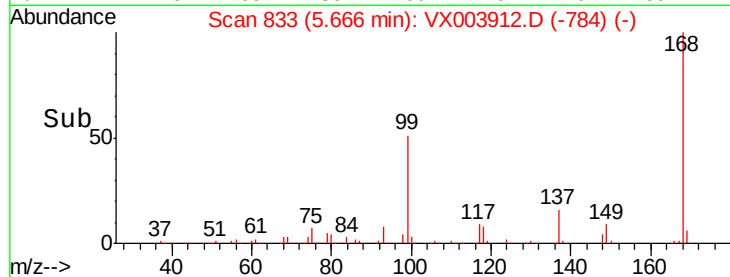
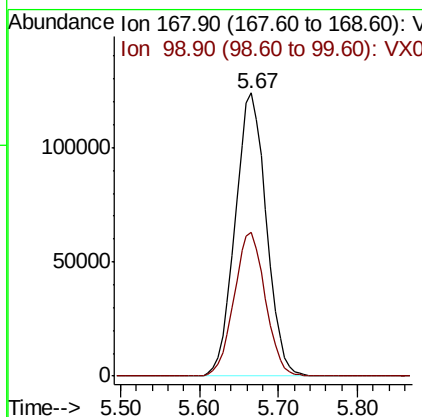
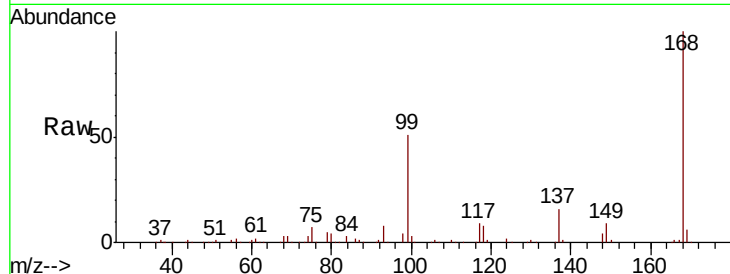




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003912.D
Acq: 08 Aug 2018 06:44

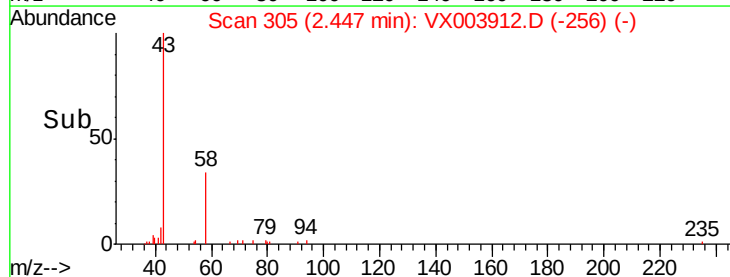
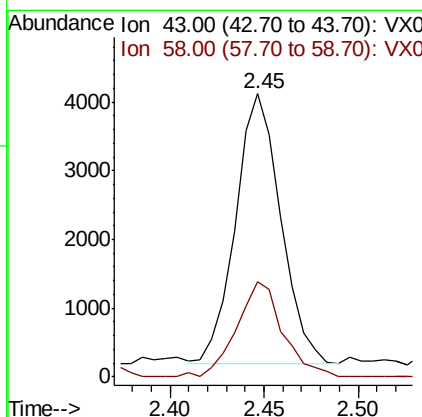
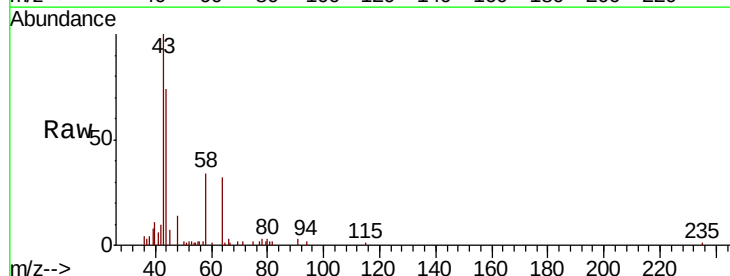
Instrument :
MSVOA_X
ClientSampleId :
FL-0537

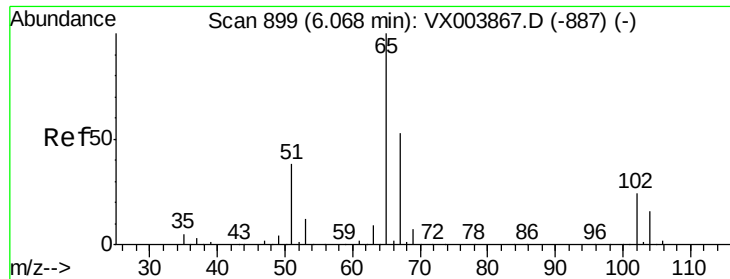
Tot Ion:168 Resp: 340185
Ion Ratio Lower Upper
168 100
99 50.7 40.1 60.1



#16
Acetone
Concen: 2.43 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003912.D
Acq: 08 Aug 2018 06:44

Tgt Ion: 43 Resp: 6508
Ion Ratio Lower Upper
43 100
58 35.4 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 50.56 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003912.D

Acq: 08 Aug 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

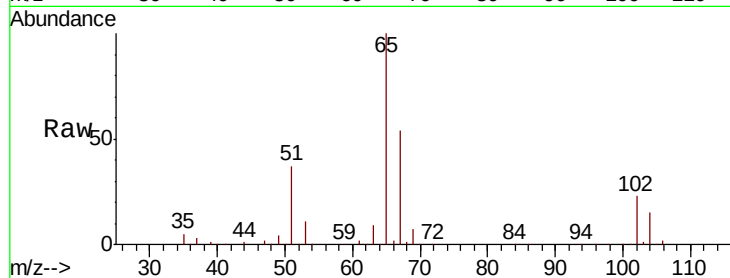
FL-0537

Tot Ion: 65 Resp: 228018

Ion Ratio Lower Upper

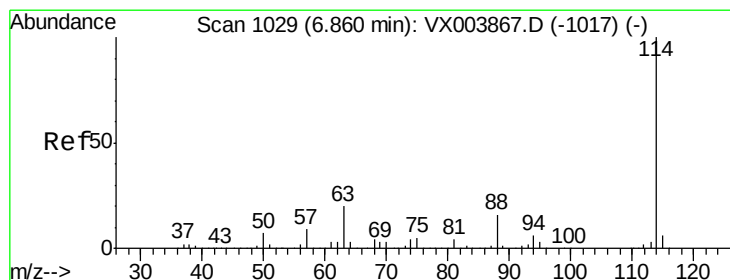
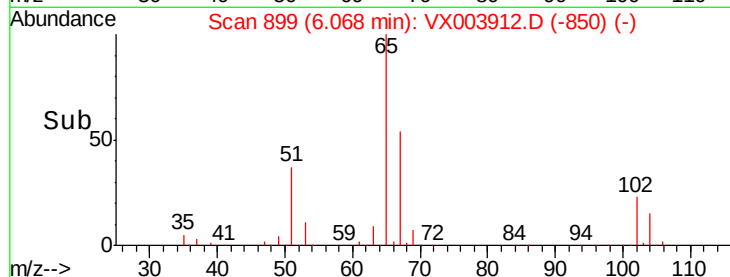
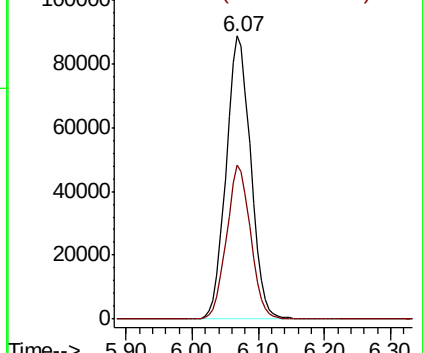
65 100

67 53.1 0.0 105.8



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: 6.87 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VX003912.D

Acq: 08 Aug 2018 06:44

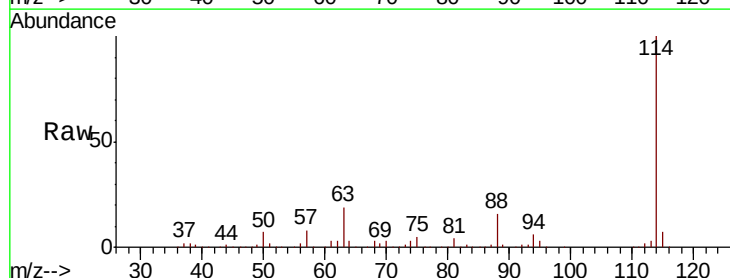
Tgt Ion: 114 Resp: 529750

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

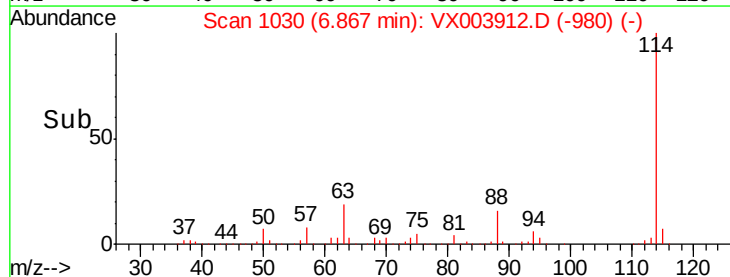
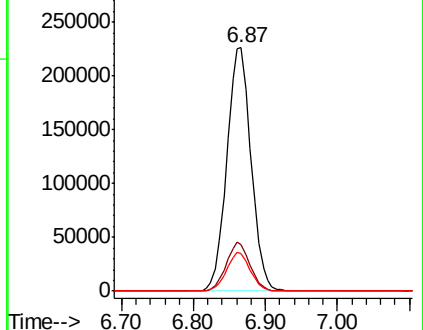
88 15.5 0.0 32.0

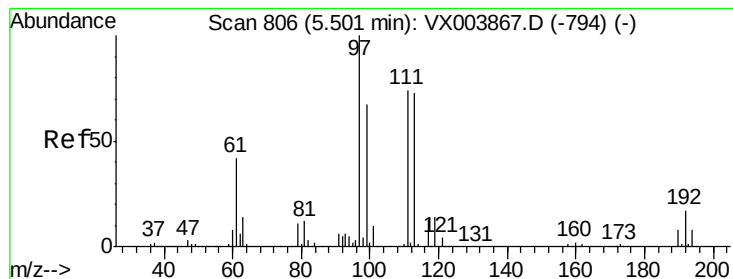


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.08 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003912.D

Acq: 08 Aug 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0537

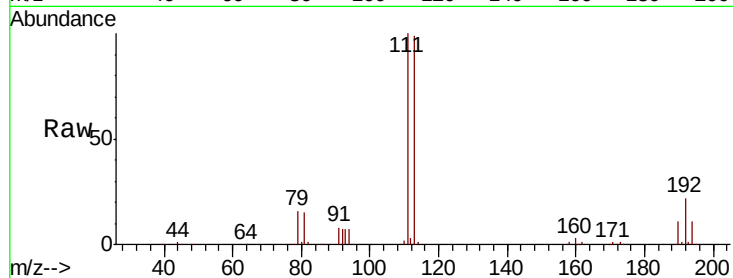
Tot Ion:113 Resp: 192966

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

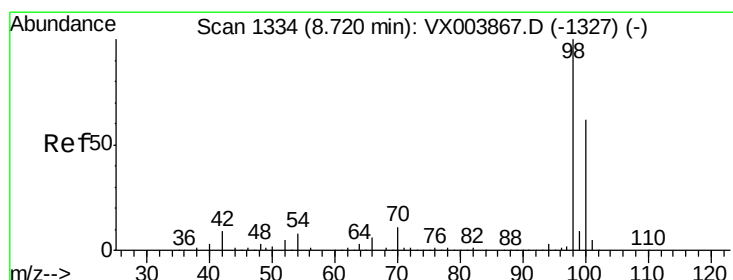
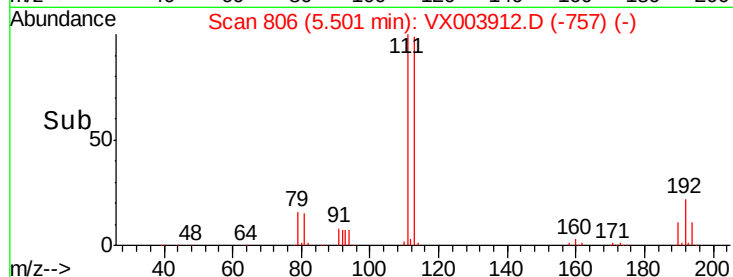
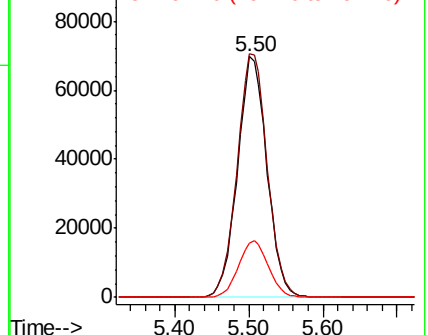
192 23.9 19.0 28.4



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: 48.00 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003912.D

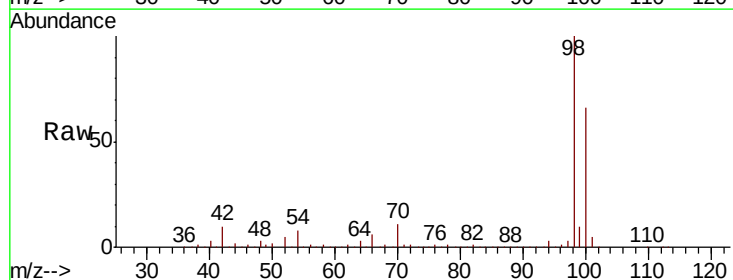
Acq: 08 Aug 2018 06:44

Tgt Ion: 98 Resp: 749048

Ion Ratio Lower Upper

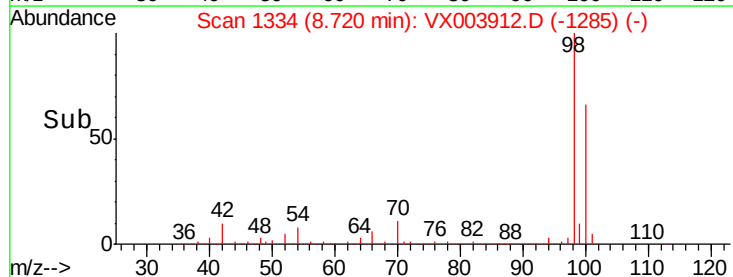
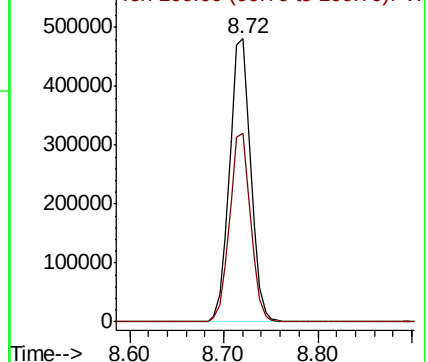
98 100

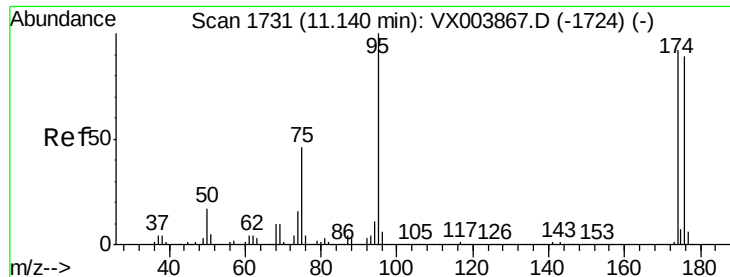
100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

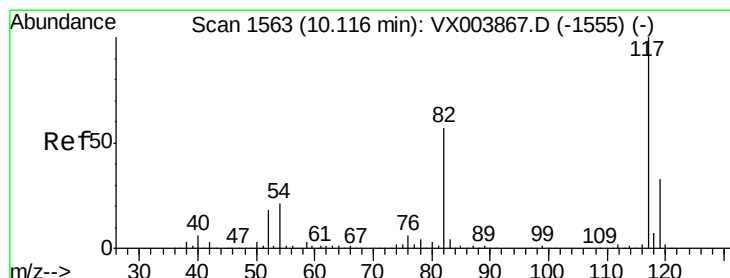
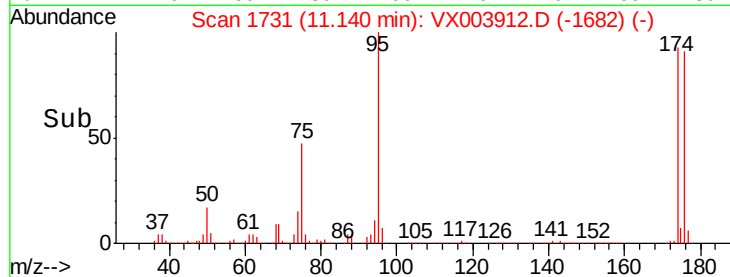
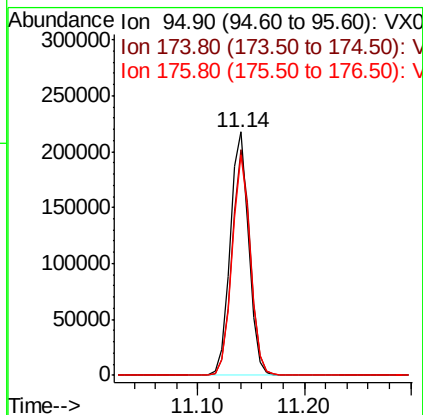
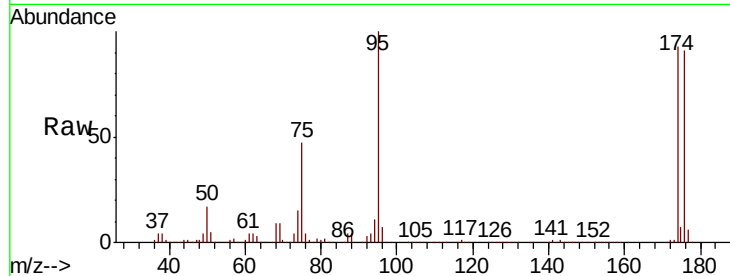




#62
4-Bromofluorobenzene
Concen: 52.90 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003912.D
Acq: 08 Aug 2018 06:44

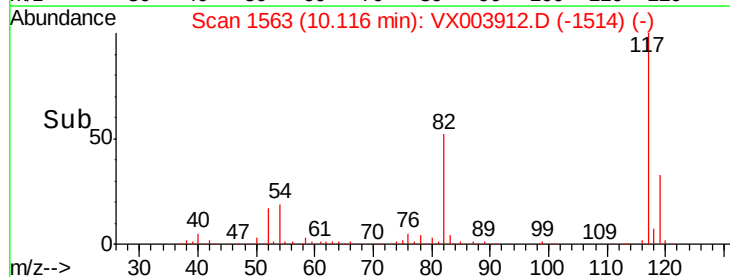
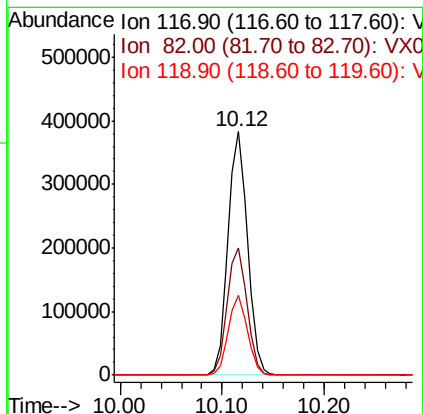
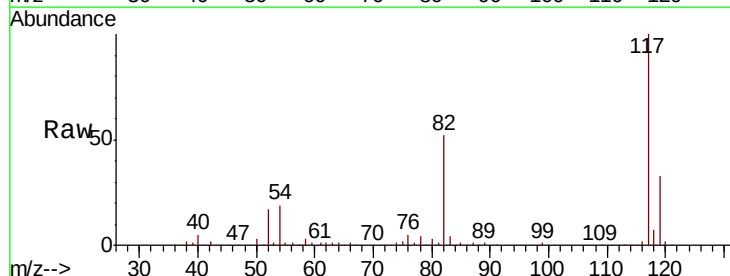
Instrument :
MSVOA_X
ClientSampled :
FL-0537

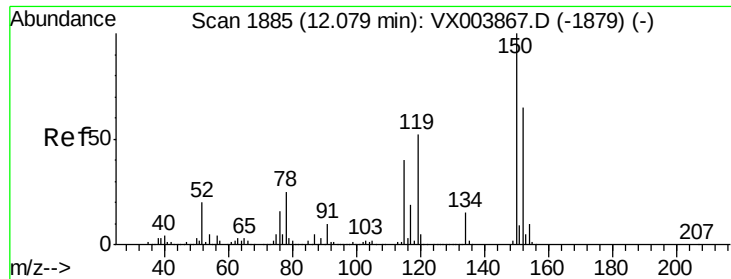
Tot Ion	95	Resp	267155
Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	182.8
176	88.8	0.0	179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003912.D
Acq: 08 Aug 2018 06:44

Tgt Ion	117	Resp	503712
Ion	Ratio	Lower	Upper
117	100		
82	52.2	45.4	68.0
119	32.6	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003912.D

Acq: 08 Aug 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0537

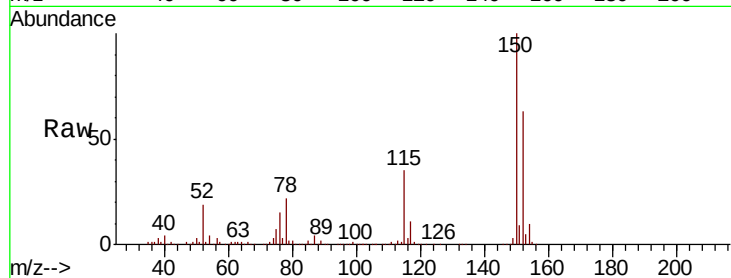
Tot Ion:152 Resp: 277324

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.3

150 158.0 0.0 349.2



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

