

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004582.D
 Acq On : 15 Sep 2018 14:14
 Operator : JC/MD
 Sample : J4925-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0243

Quant Time: Sep 17 09:56:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	261121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199045	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	157964	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
35) Dibromofluoromethane	5.51	113	152620	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
50) Toluene-d8	8.72	98	506584	45.69	ug/l	0.00
Spiked Amount			Recovery	=	91.38%	
62) 4-Bromofluorobenzene	11.14	95	178302	45.05	ug/l	0.00
Spiked Amount			Recovery	=	90.10%	

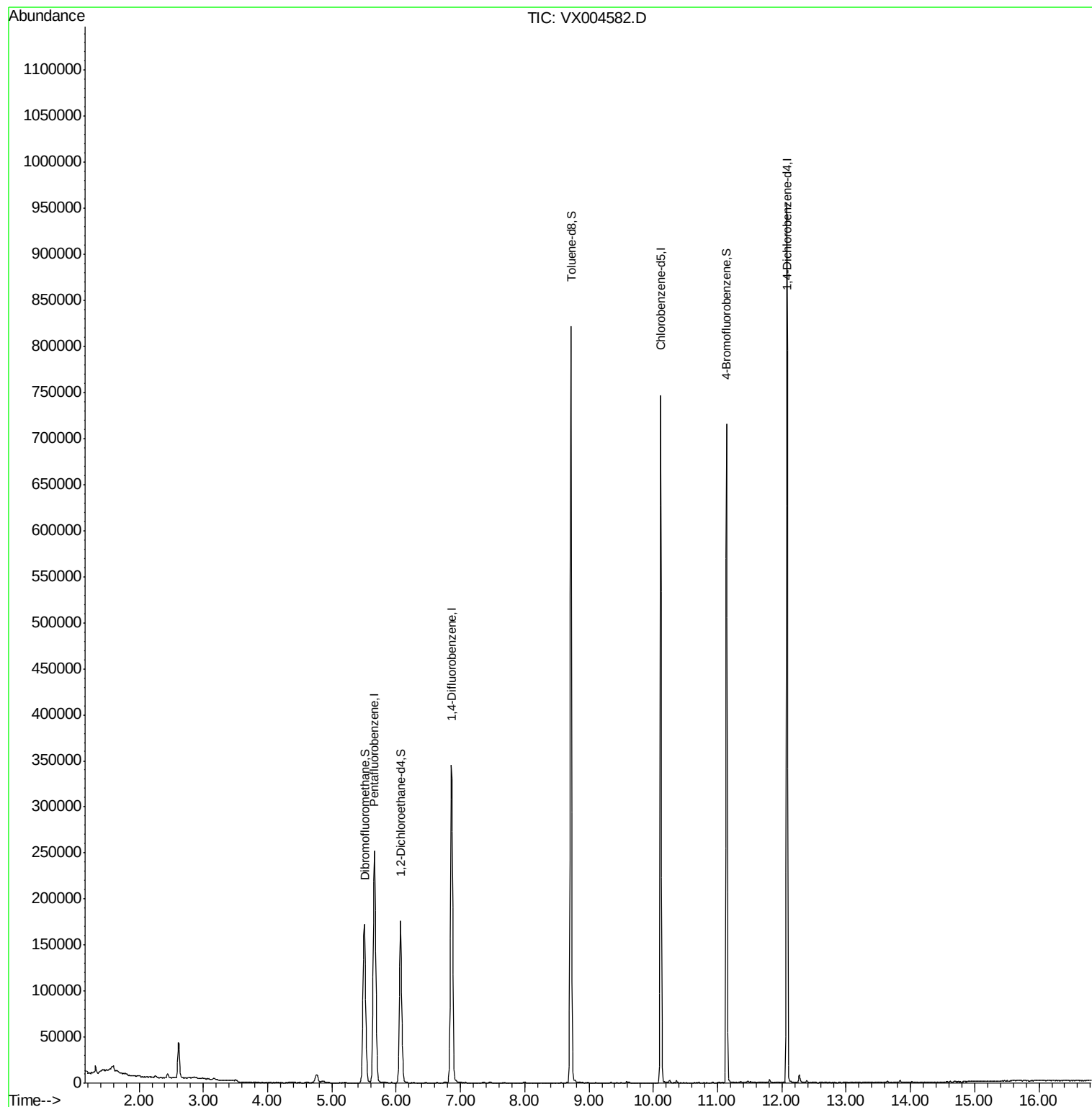
Target Compounds	Qvalue

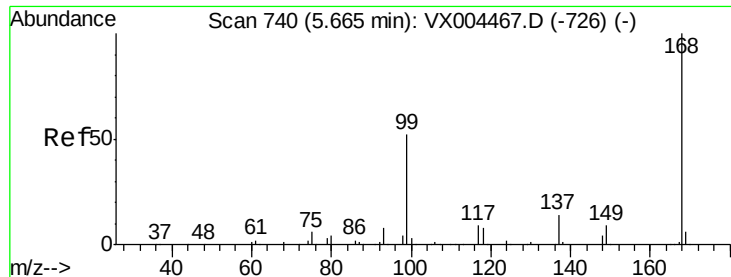
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004582.D

Acq: 15 Sep 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

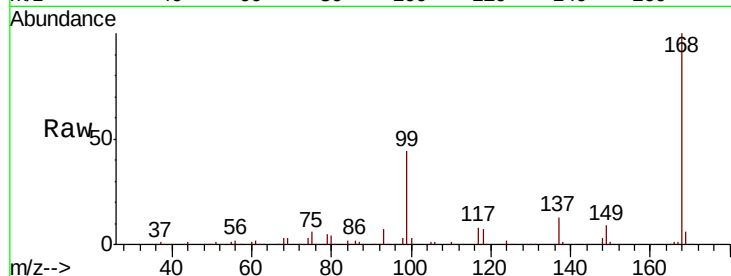
S13-0243

Tot Ion:168 Resp: 261121

Ion Ratio Lower Upper

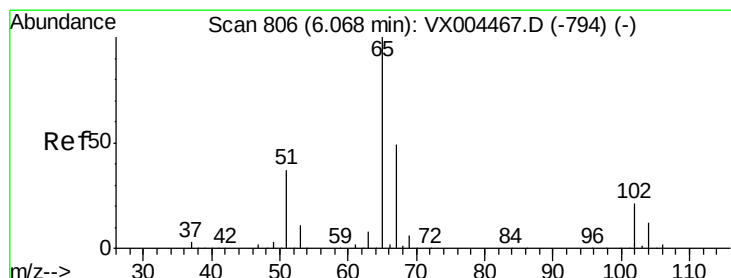
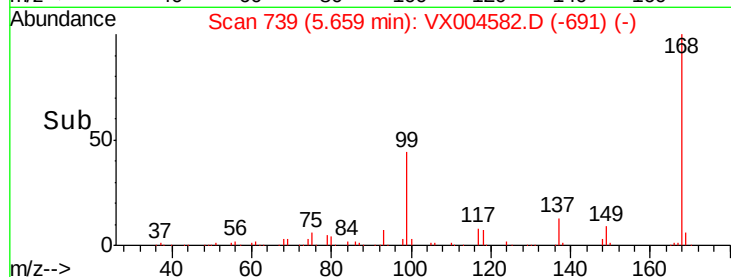
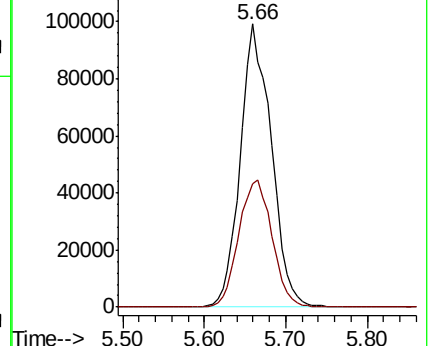
168 100

99 43.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.92 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004582.D

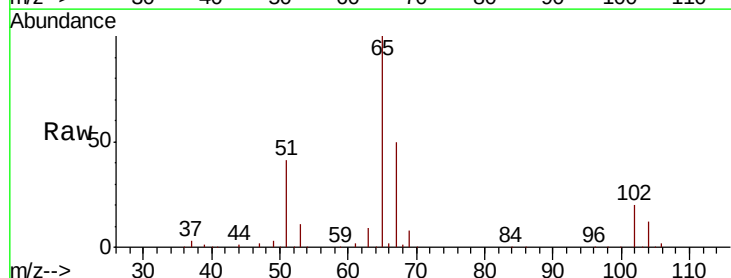
Acq: 15 Sep 2018 14:14

Tgt Ion: 65 Resp: 157964

Ion Ratio Lower Upper

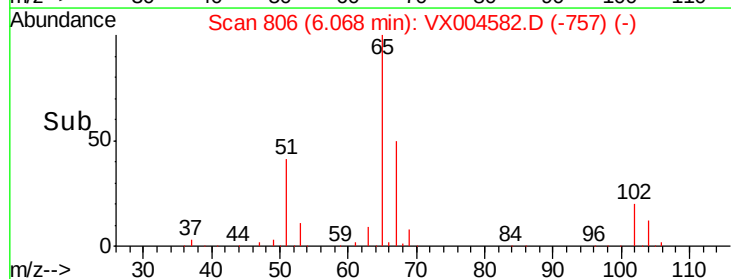
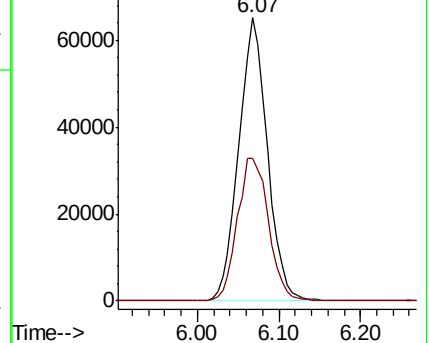
65 100

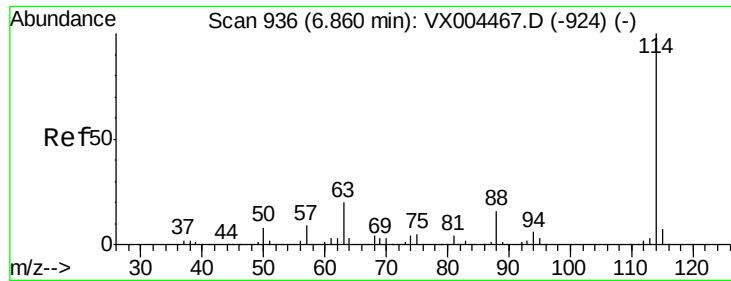
67 54.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

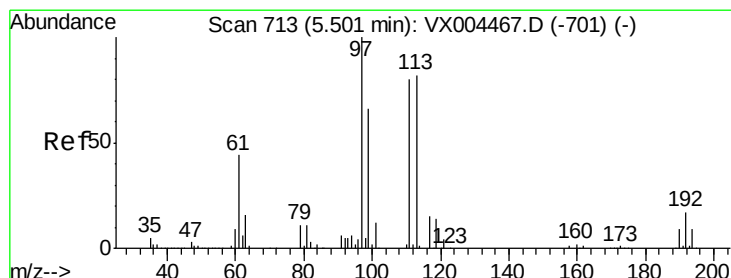
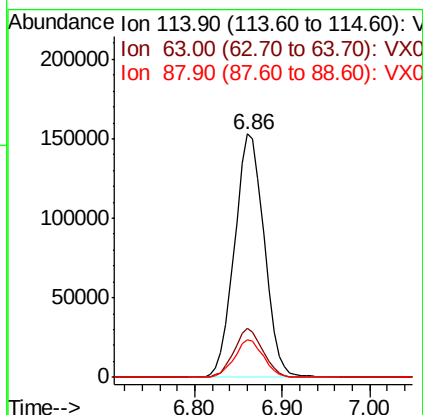
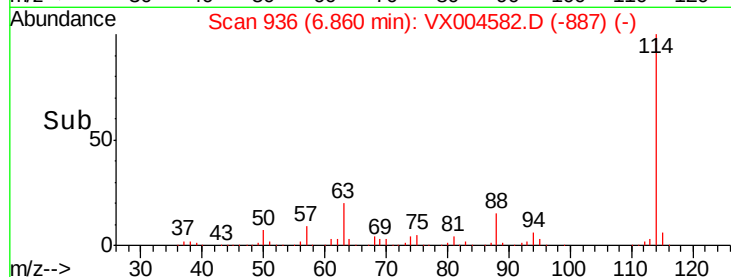
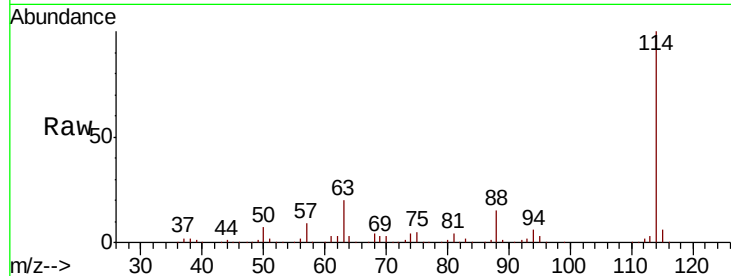




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004582.D
 Acq: 15 Sep 2018 14:14

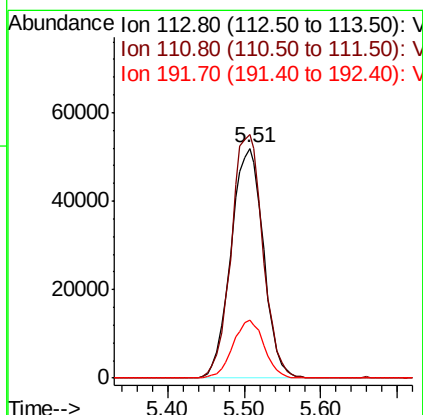
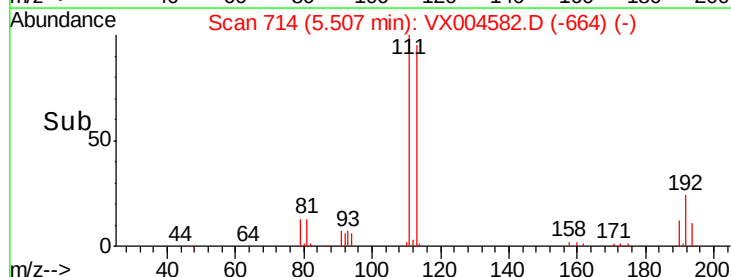
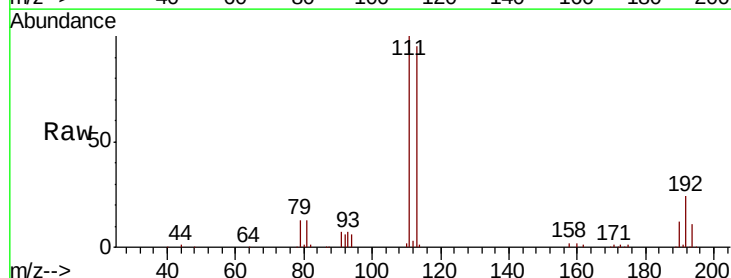
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0243

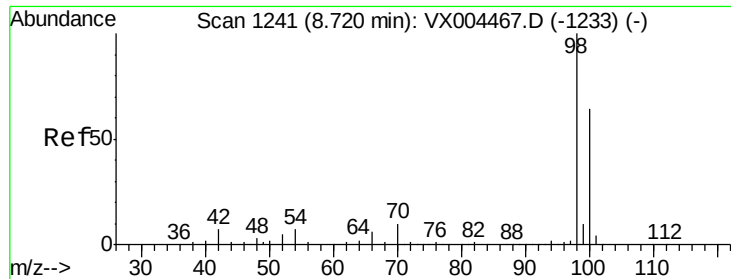
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	15.3	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 46.16 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004582.D
 Acq: 15 Sep 2018 14:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	24.2	19.4	29.2

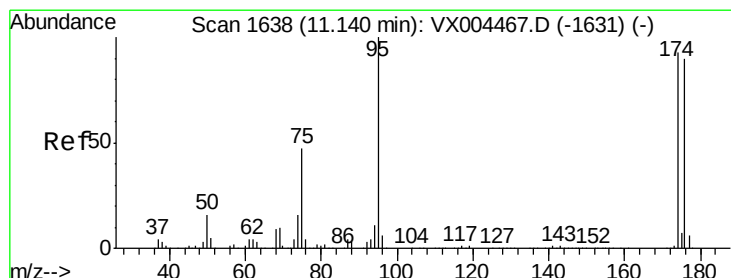
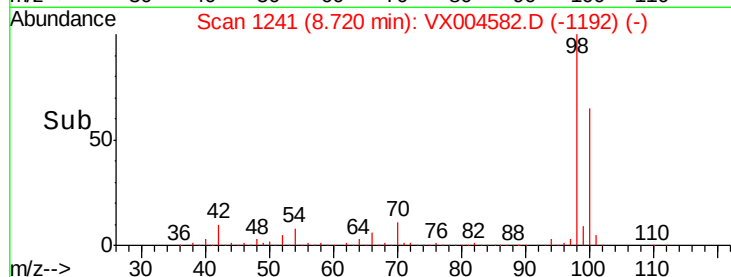
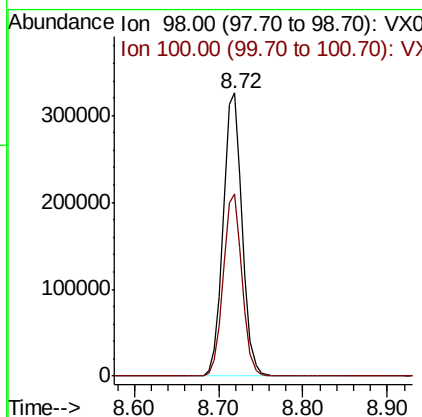
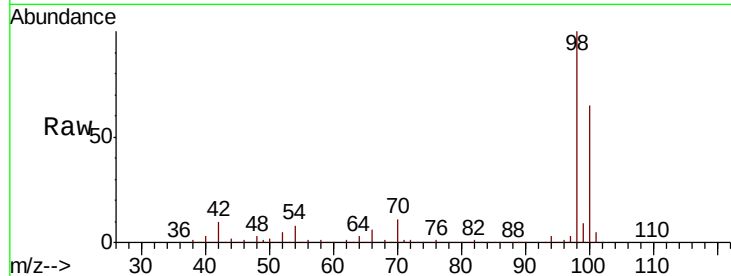




#50
Toluene-d8
Concen: 45.69 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004582.D
Acq: 15 Sep 2018 14:14

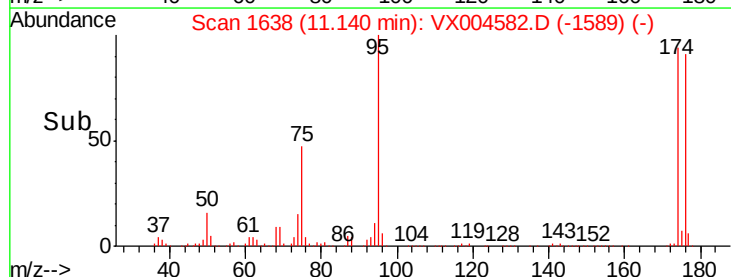
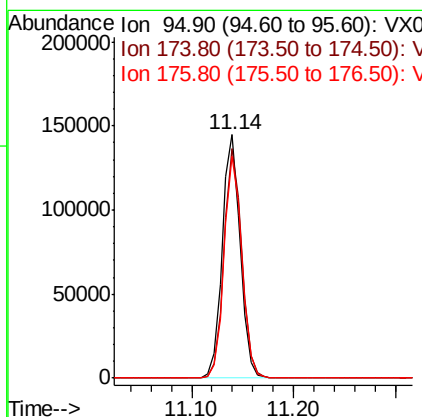
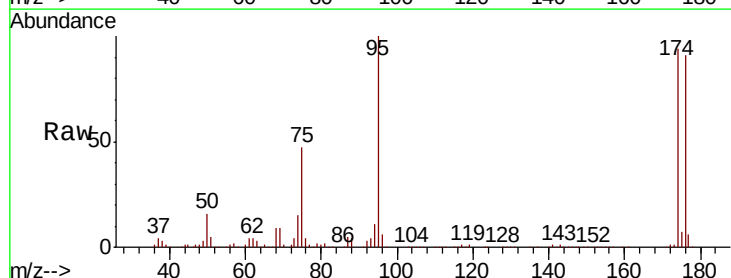
Instrument :
MSVOA_X
ClientSampleId :
S13-0243

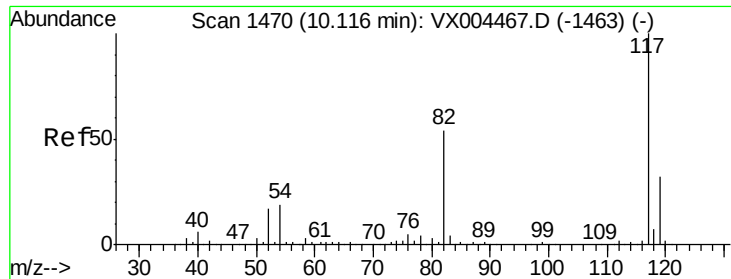
Tot Ion: 98 Resp: 506584
Ion Ratio Lower Upper
98 100
100 63.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.05 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004582.D
Acq: 15 Sep 2018 14:14

Tgt Ion: 95 Resp: 178302
Ion Ratio Lower Upper
95 100
174 93.4 0.0 185.2
176 90.0 0.0 178.6

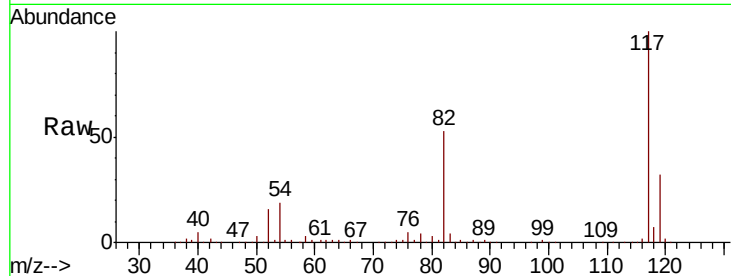




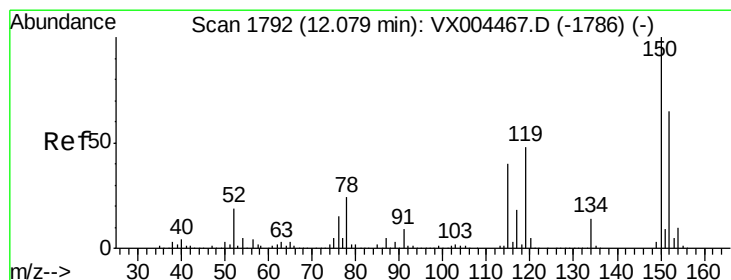
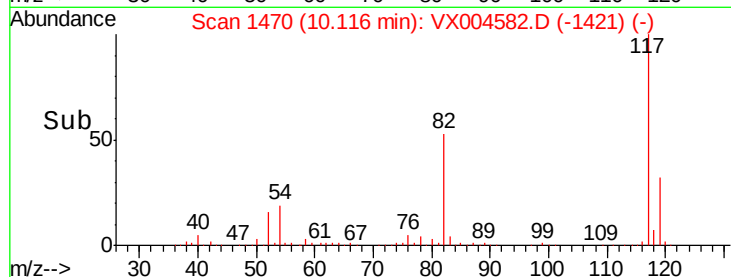
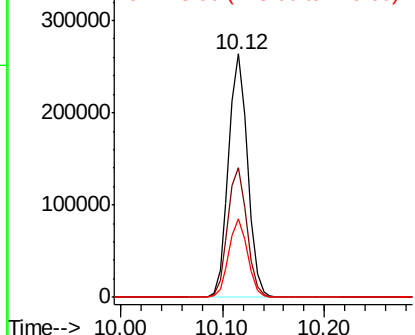
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004582.D
Acq: 15 Sep 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
S13-0243

Tot Ion:117 Resp: 340913
Ion Ratio Lower Upper
117 100
82 53.2 47.8 71.6
119 32.3 29.3 43.9

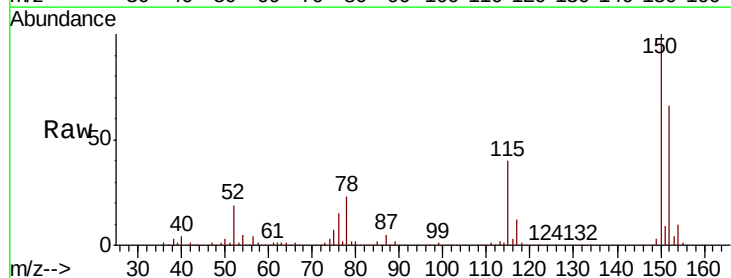


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004582.D
Acq: 15 Sep 2018 14:14

Tgt Ion:152 Resp: 199045
Ion Ratio Lower Upper
152 100
115 55.8 39.0 117.0
150 159.3 0.0 351.0



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

