

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004559.D
 Acq On : 15 Sep 2018 03:10
 Operator : JC/MD
 Sample : J4925-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-TB-2018-1

Quant Time: Sep 17 16:00:59 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	5.67	168	249715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185063	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171142	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
35) Dibromofluoromethane	5.50	113	155451	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.72	98	517166	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.14	95	173929	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	

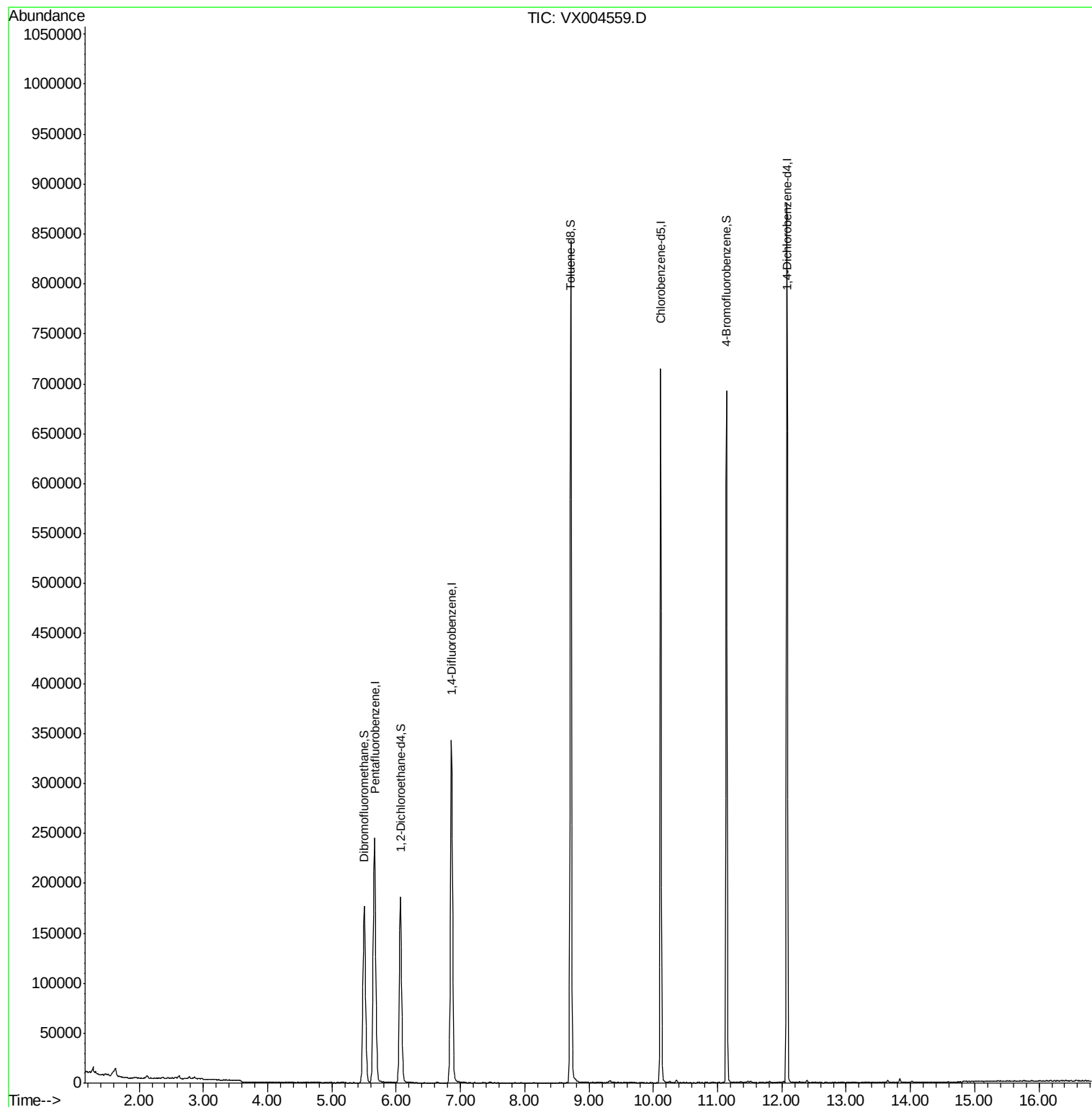
Target Compounds	Qvalue

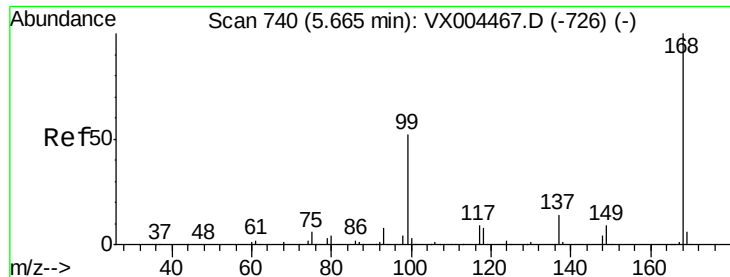
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004559.D

Acq: 15 Sep 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

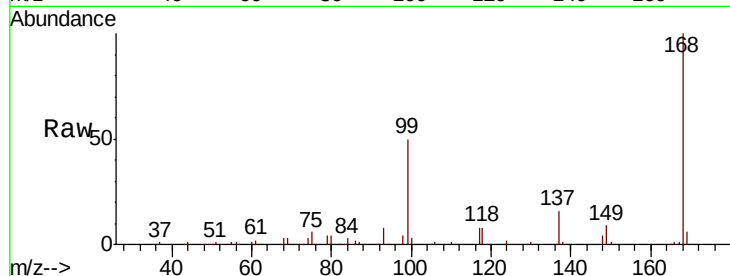
S13-TB-2018-1

Tot Ion:168 Resp: 249715

Ion Ratio Lower Upper

168 100

99 49.8 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

100000

80000

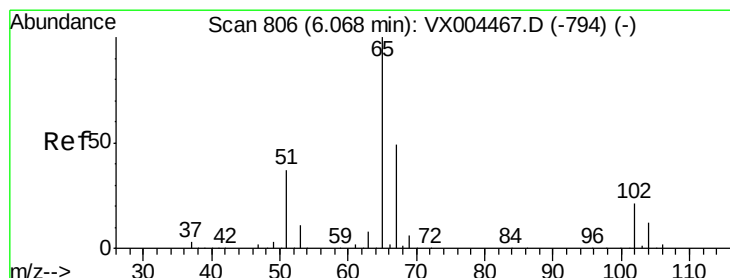
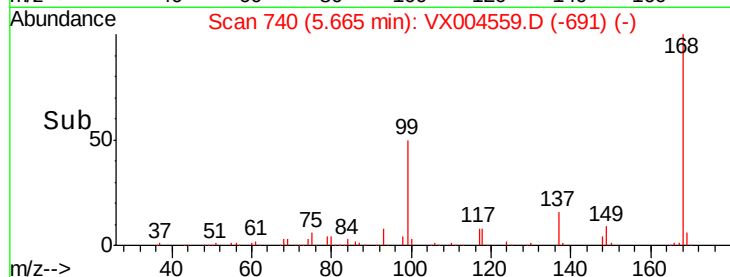
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.15 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004559.D

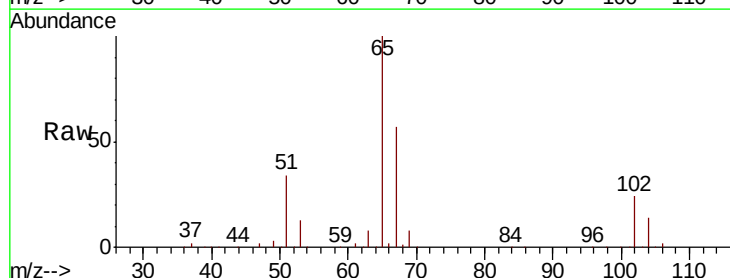
Acq: 15 Sep 2018 03:10

Tgt Ion: 65 Resp: 171142

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

6.07

80000

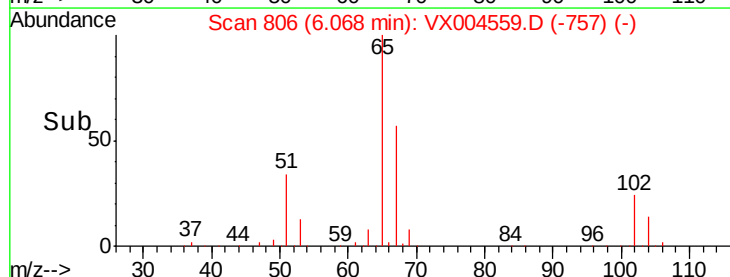
60000

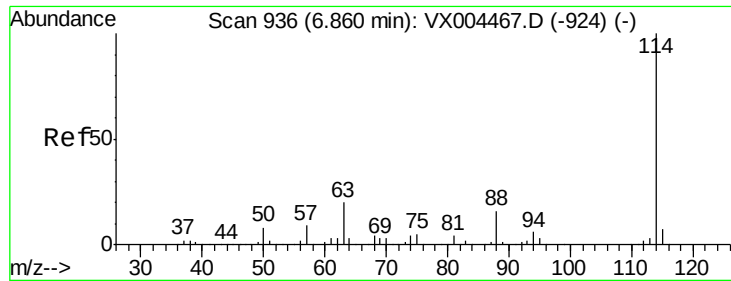
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

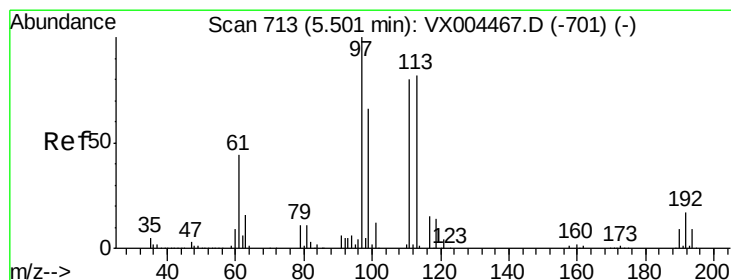
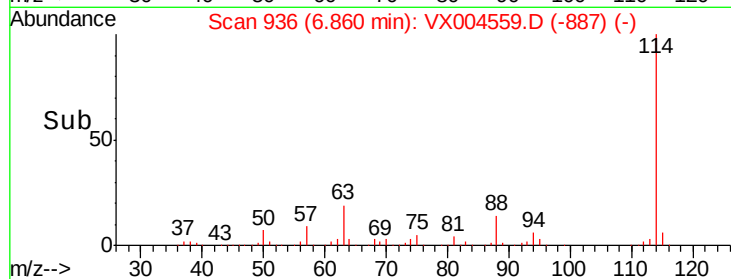
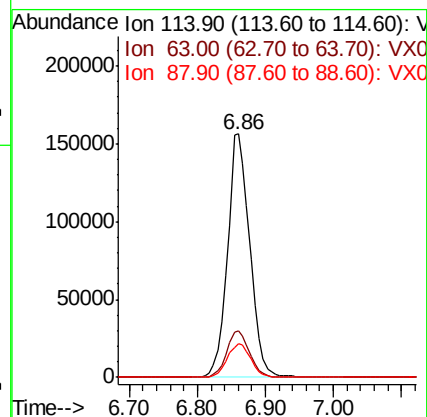
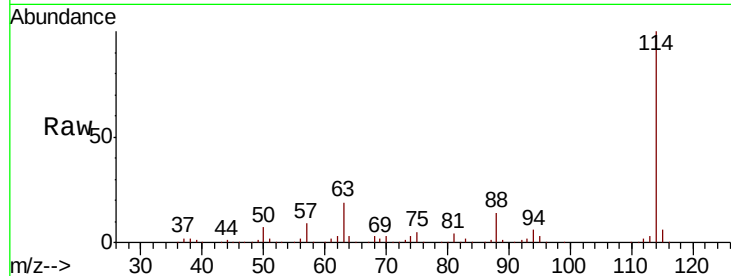




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004559.D
 Acq: 15 Sep 2018 03:10

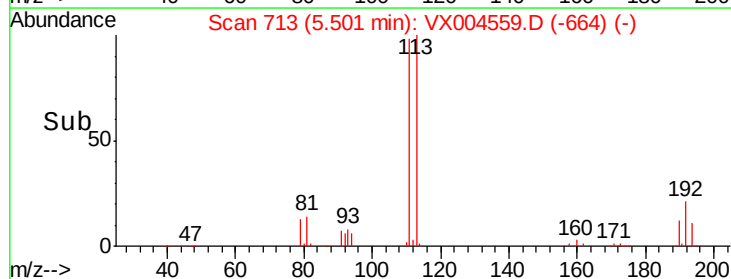
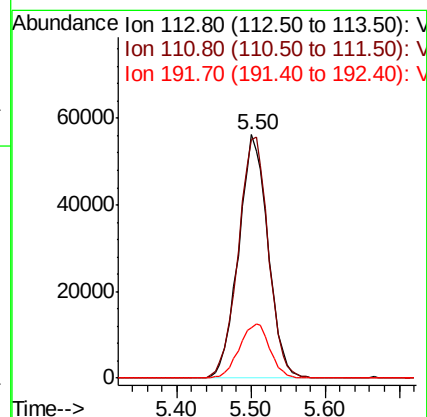
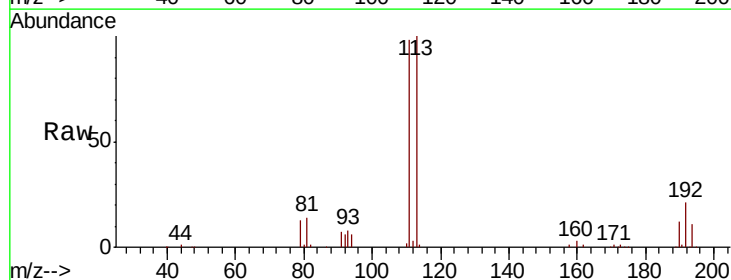
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-TB-2018-1

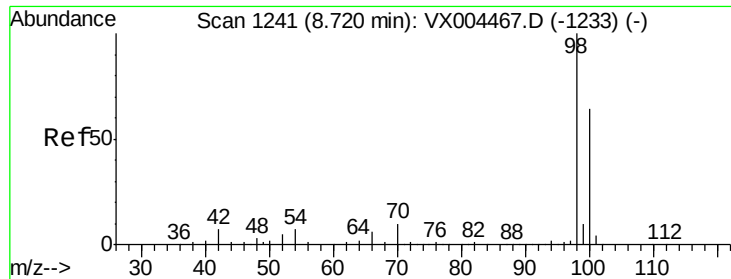
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.0
88	13.9	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 48.06 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004559.D
 Acq: 15 Sep 2018 03:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	23.2	19.4	29.2

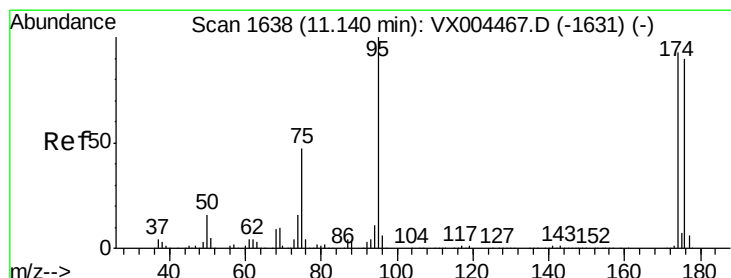
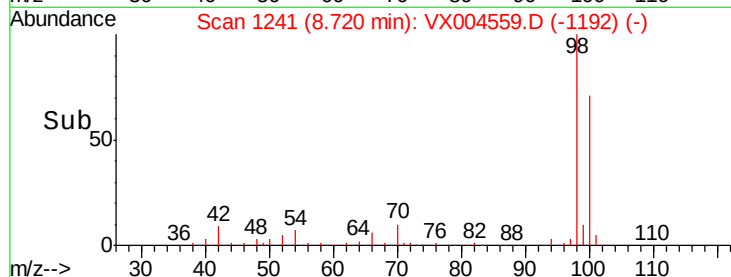
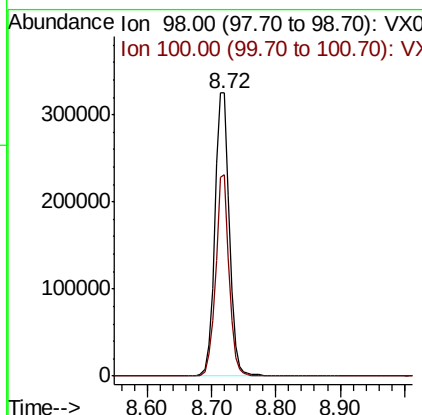
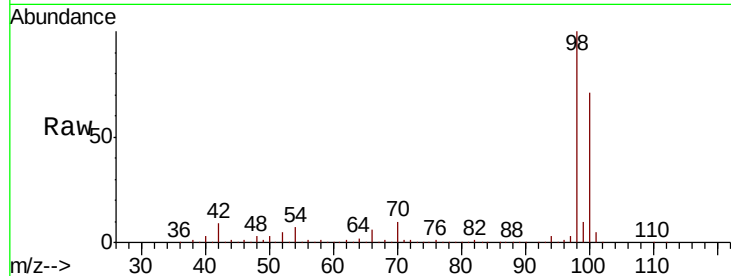




#50
Toluene-d8
Concen: 47.68 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004559.D
Acq: 15 Sep 2018 03:10

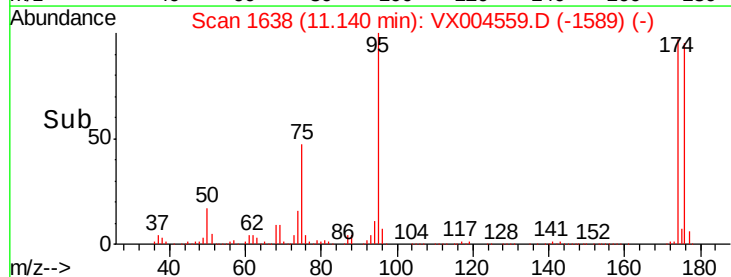
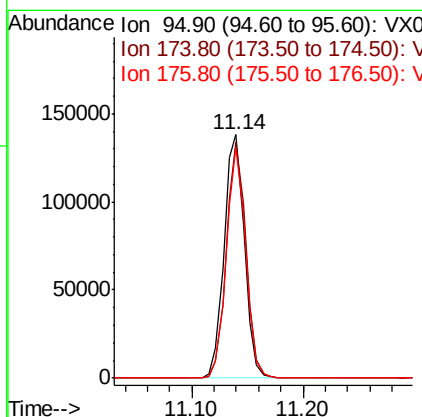
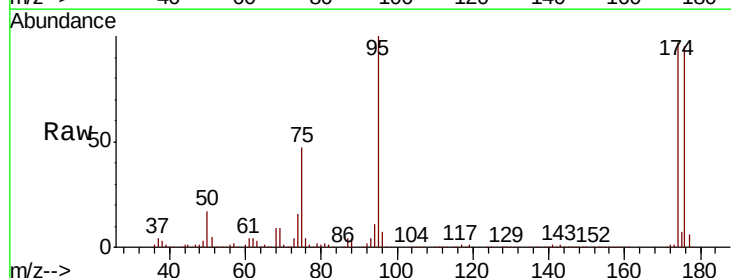
Instrument :
MSVOA_X
ClientSampleId :
S13-TB-2018-1

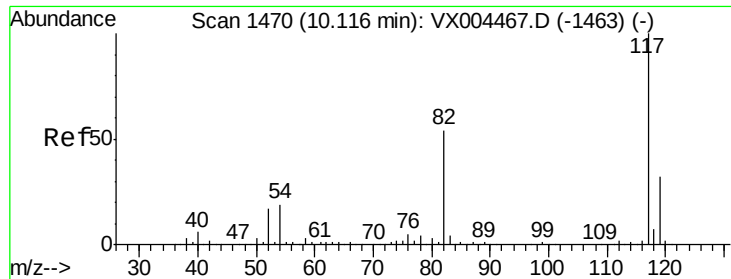
Tot Ion: 98 Resp: 517166
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.92 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004559.D
Acq: 15 Sep 2018 03:10

Tgt Ion: 95 Resp: 173929
Ion Ratio Lower Upper
95 100
174 93.6 0.0 185.2
176 90.1 0.0 178.6

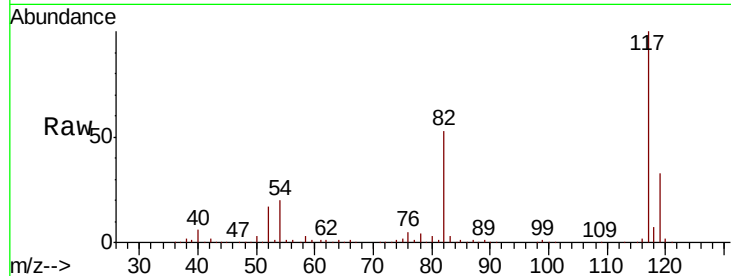




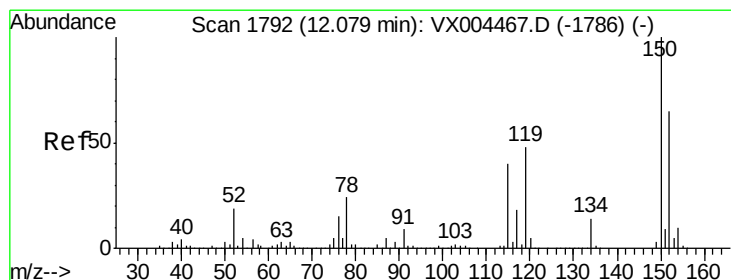
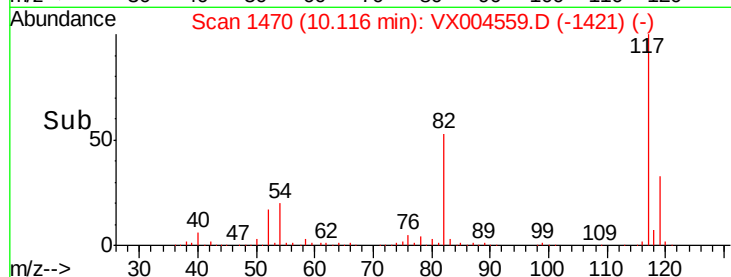
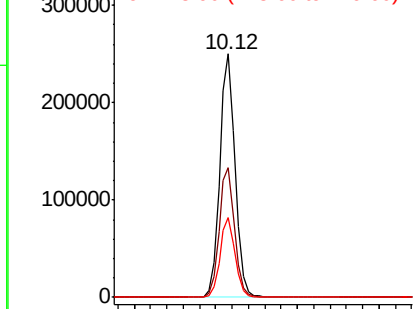
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004559.D
Acq: 15 Sep 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
S13-TB-2018-1

Tot Ion:117 Resp: 328547
Ion Ratio Lower Upper
117 100
82 53.2 47.8 71.6
119 32.8 29.3 43.9

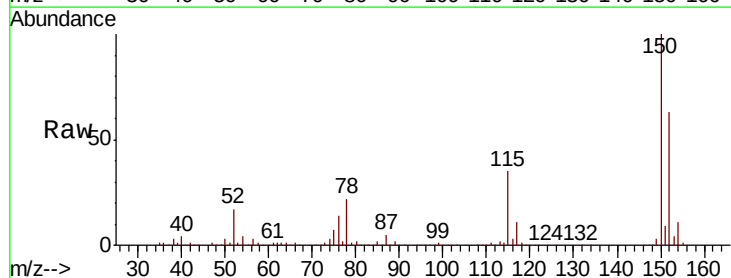


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004559.D
Acq: 15 Sep 2018 03:10

Tgt Ion:152 Resp: 185063
Ion Ratio Lower Upper
152 100
115 54.6 39.0 117.0
150 156.1 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

