

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008632.D
 Acq On : 04 Apr 2019 13:47
 Operator : JC/SP
 Sample : K2242-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-02

Quant Time: Apr 05 11:19:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122728	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	152232	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.50	113	110882	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	8.71	98	450143	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	11.13	95	148722	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	

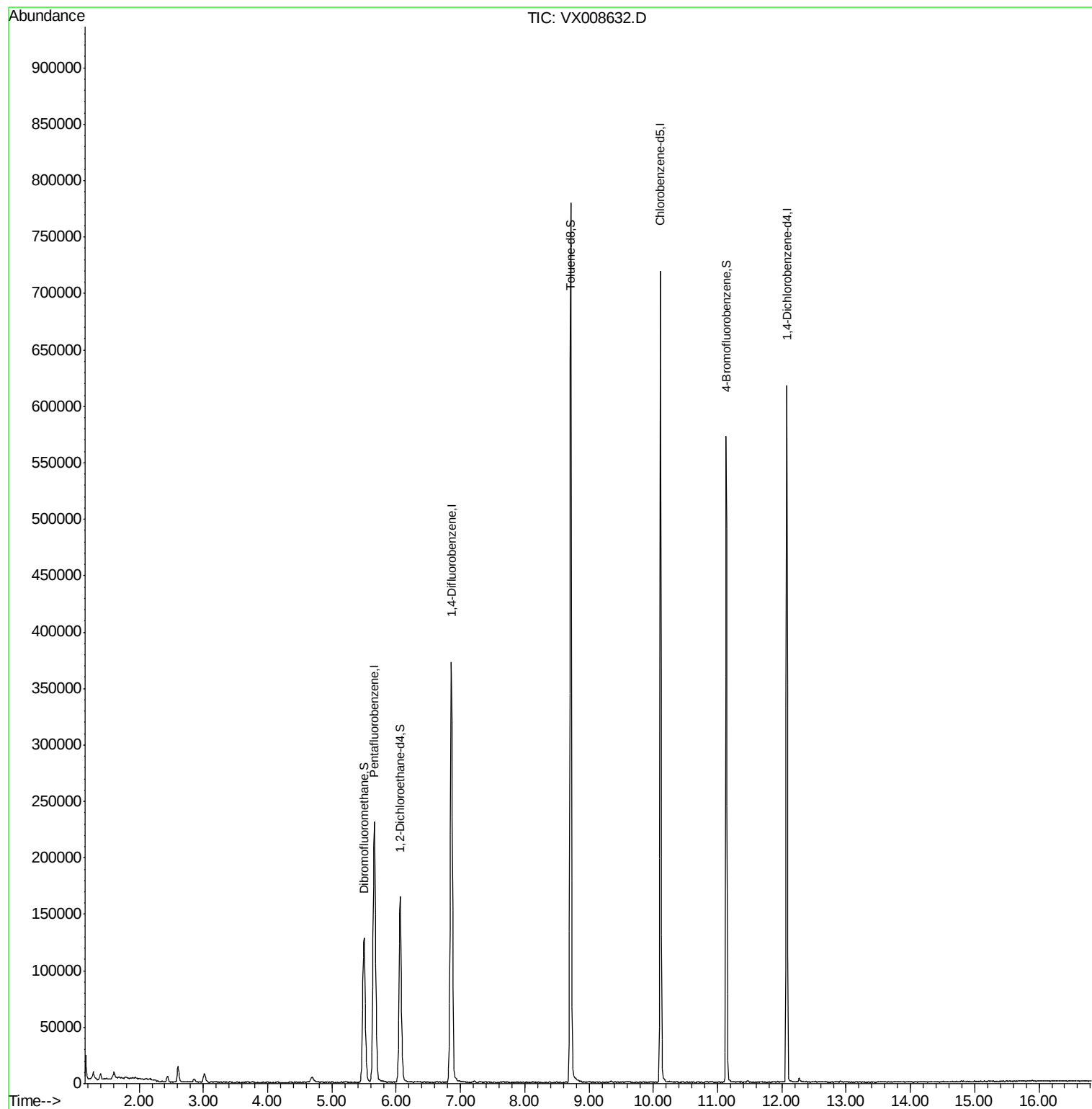
Target Compounds	Qvalue

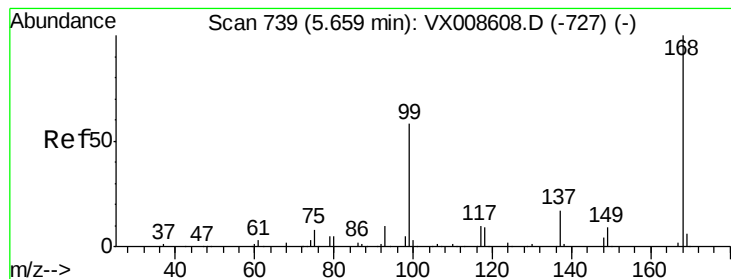
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008632.D

Acq: 04 Apr 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

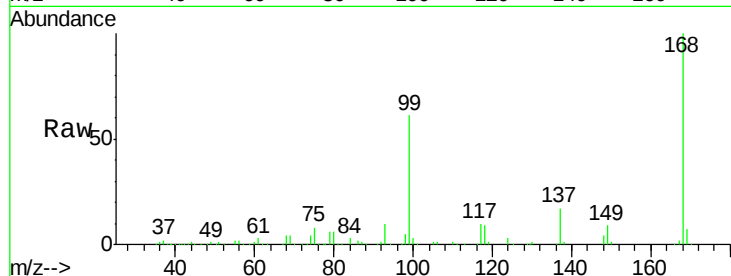
TWP-02

Tot Ion:168 Resp: 214477

Ion Ratio Lower Upper

168 100

99 60.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

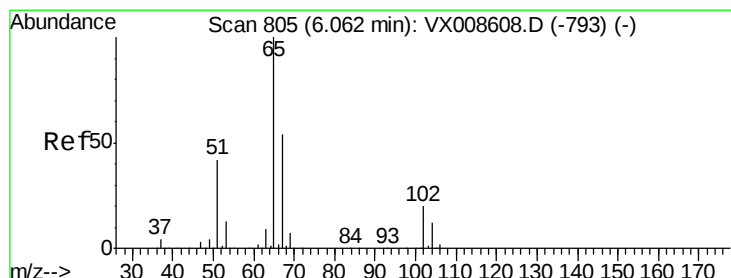
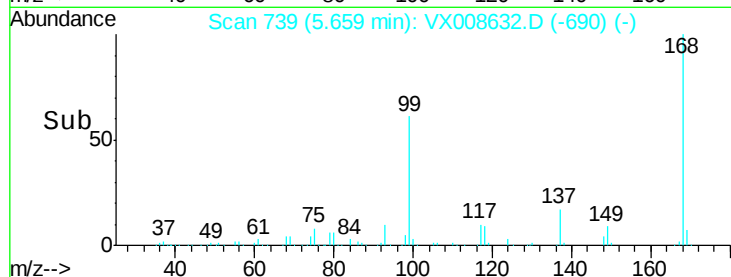
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.663 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008632.D

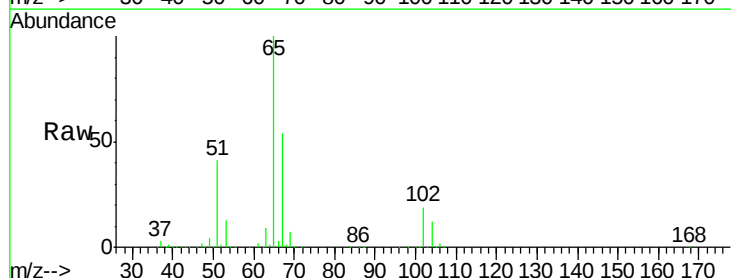
Acq: 04 Apr 2019 13:47

Tgt Ion: 65 Resp: 152232

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

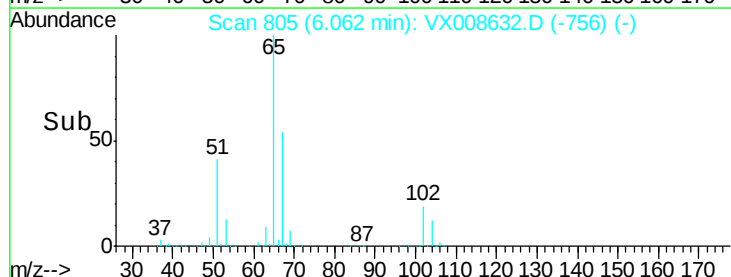
60000

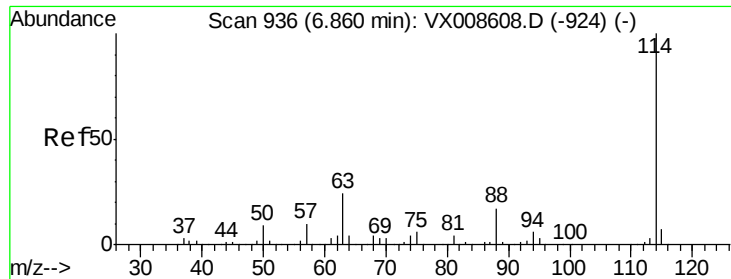
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

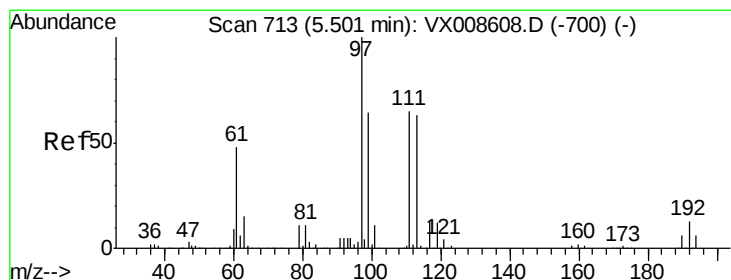
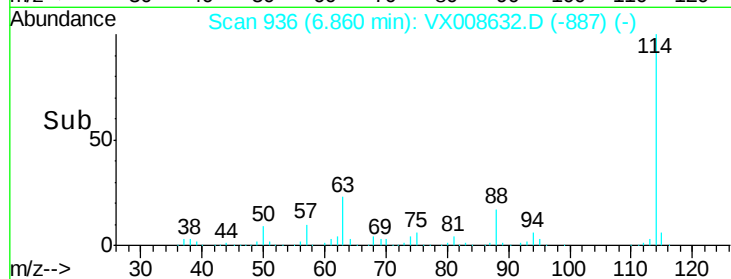
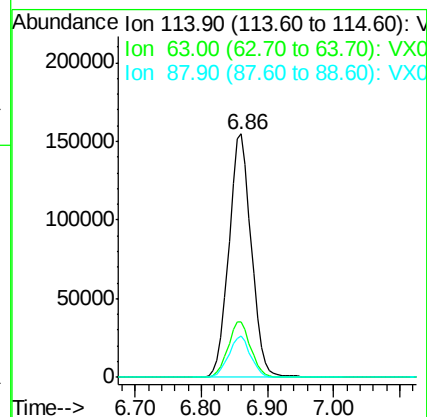
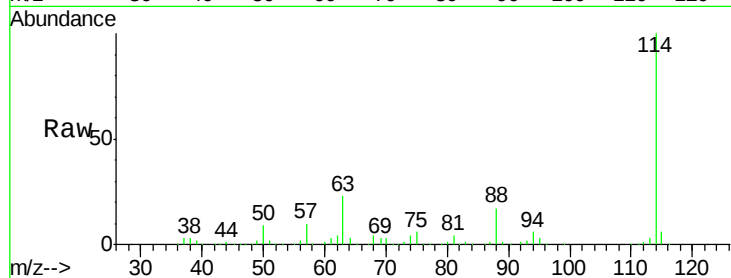




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008632.D
 Acq: 04 Apr 2019 13:47

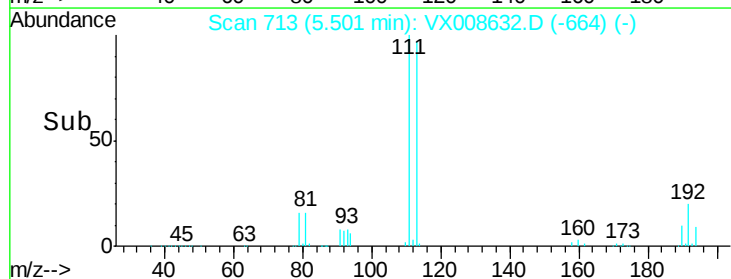
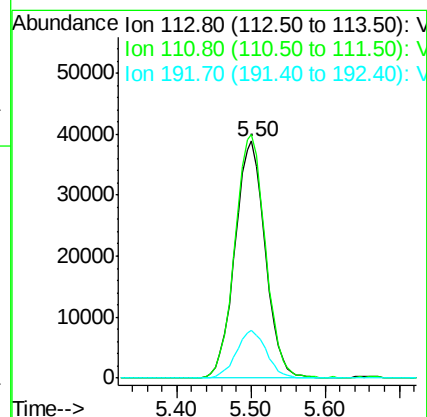
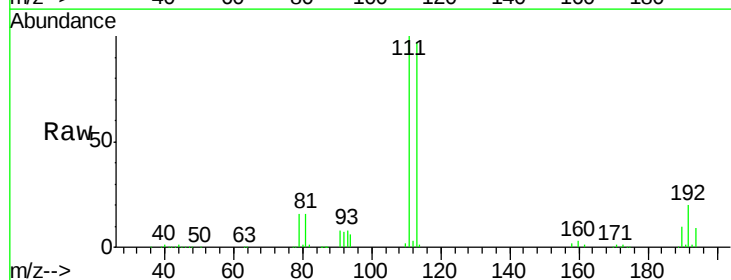
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-02

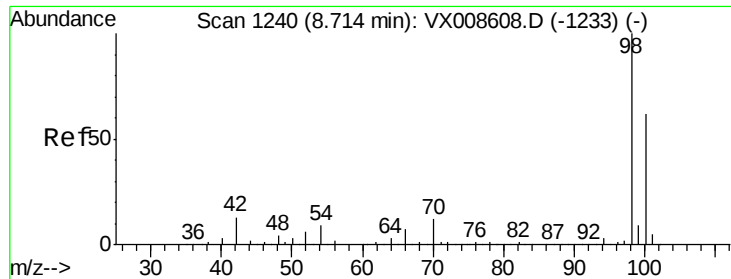
Tot Ion:114 Resp: 364221
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 17.0 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 47.616 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008632.D
 Acq: 04 Apr 2019 13:47

Tgt Ion:113 Resp: 110882
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.2
 192 20.1 16.1 24.1

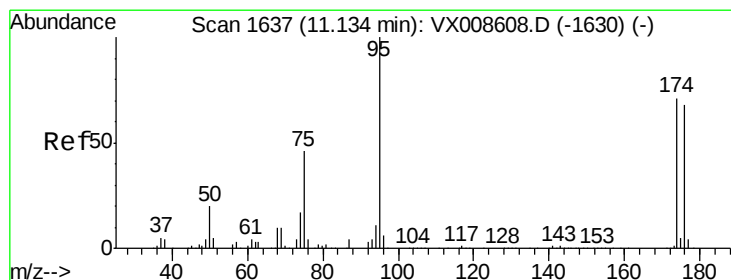
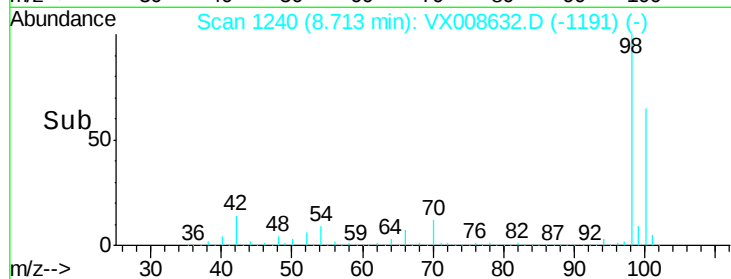
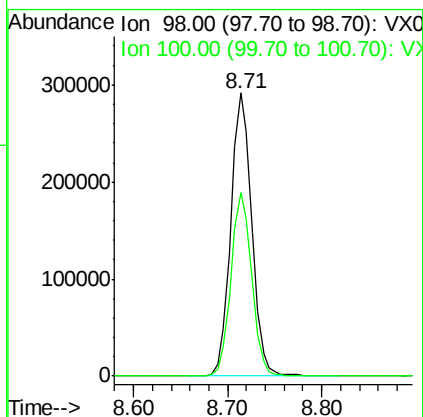
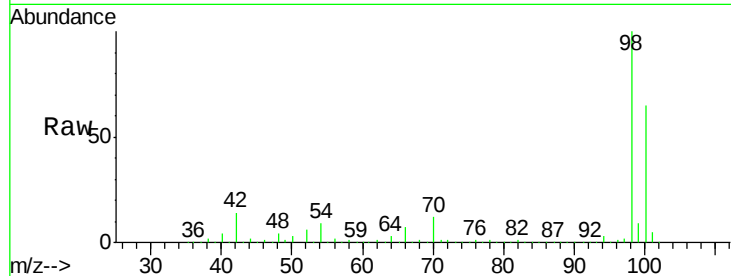




#50
Toluene-d8
Concen: 48.547 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008632.D
Acq: 04 Apr 2019 13:47

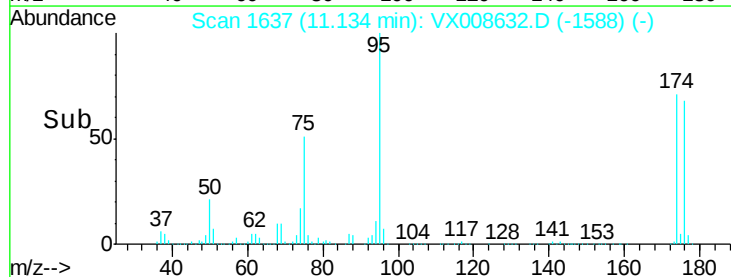
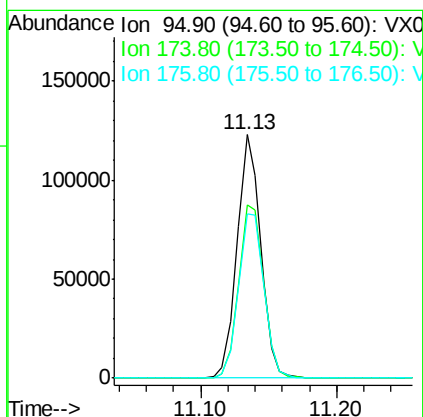
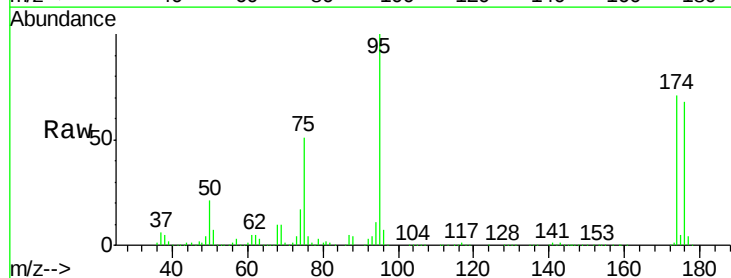
Instrument :
MSVOA_X
ClientSampleId :
TWP-02

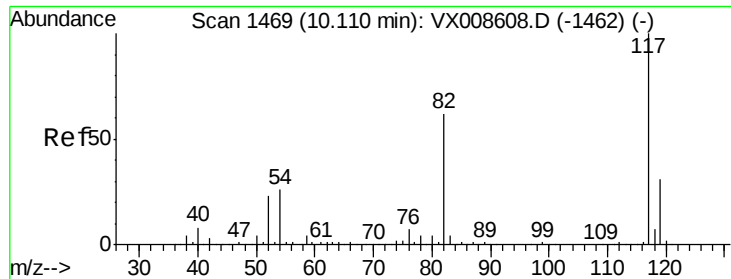
Tot Ion: 98 Resp: 450143
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.231 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008632.D
Acq: 04 Apr 2019 13:47

Tgt Ion: 95 Resp: 148722
Ion Ratio Lower Upper
95 100
174 75.3 0.0 151.8
176 72.9 0.0 145.8

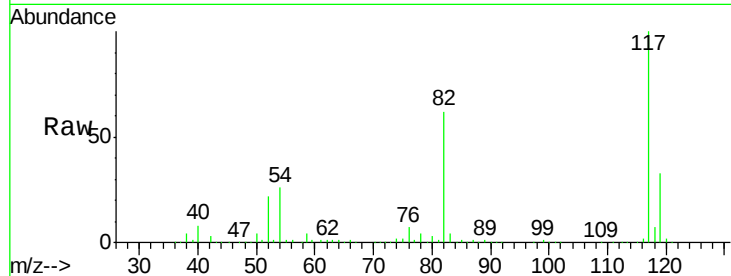




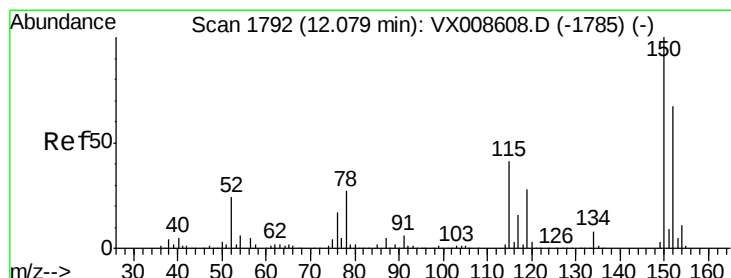
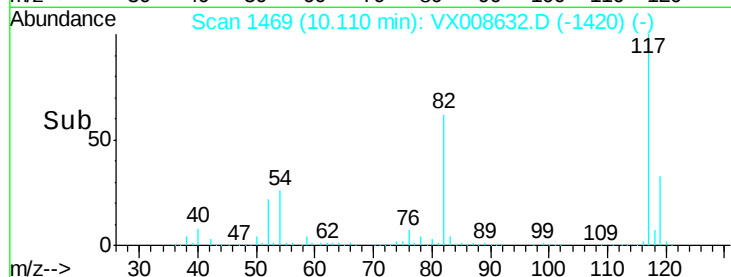
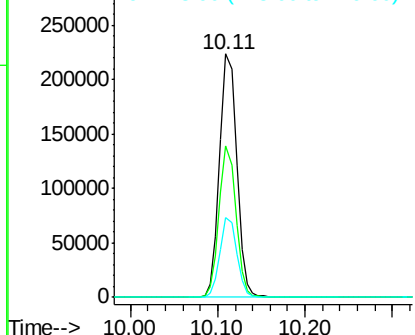
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008632.D
Acq: 04 Apr 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
TWP-02

Tot Ion:117 Resp: 306860
Ion Ratio Lower Upper
117 100
82 62.4 49.6 74.4
119 32.8 25.0 37.4

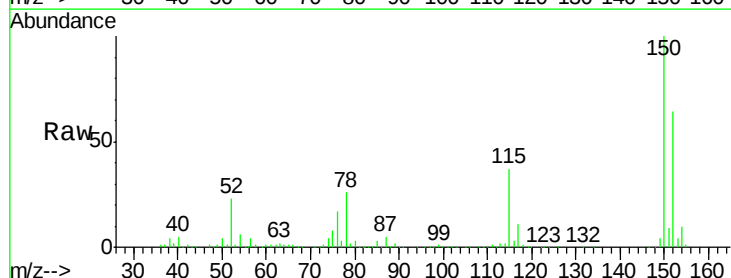


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008632.D
Acq: 04 Apr 2019 13:47

Tgt Ion:152 Resp: 122728
Ion Ratio Lower Upper
152 100
115 61.6 43.5 130.5
150 157.8 0.0 348.8



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

