

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008038.D
 Acq On : 13 Mar 2019 10:17
 Operator : JC/SP
 Sample : VX0313WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBL01

Quant Time: Mar 13 12:04:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185885	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	139677	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
35) Dibromofluoromethane	5.50	113	128963	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	8.71	98	485583	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	11.13	95	179723	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	

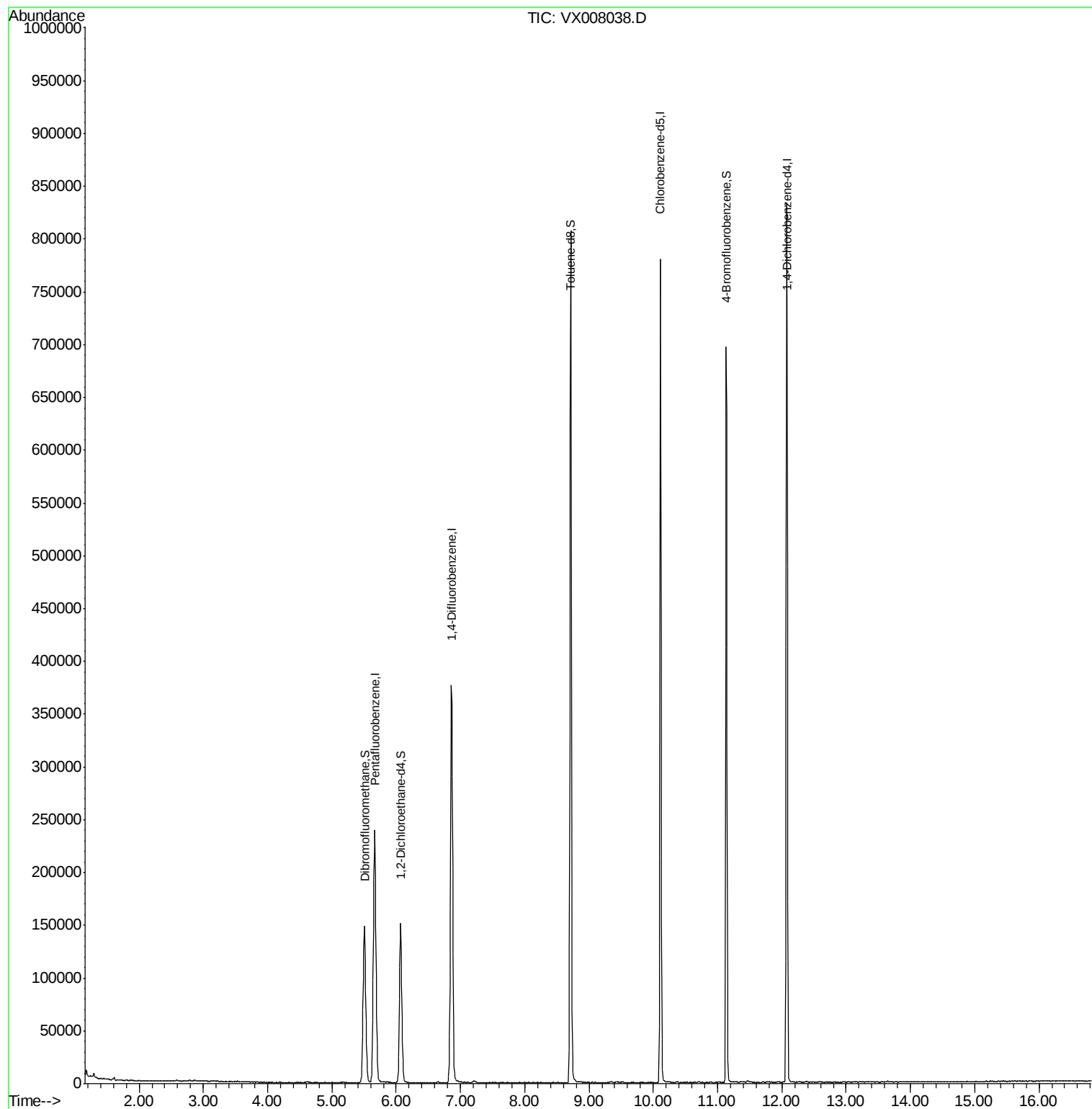
Target Compounds	Qvalue
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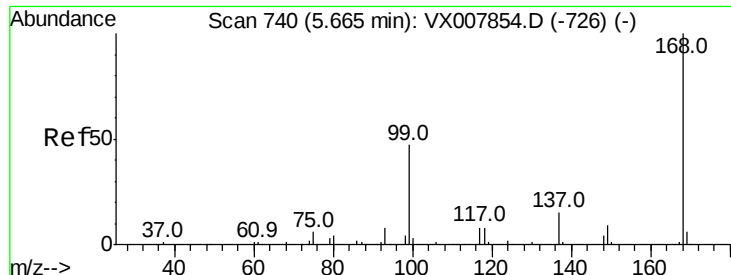
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008038.D

Acq: 13 Mar 2019 10:17

Instrument :

MSVOA_X

ClientSampled :

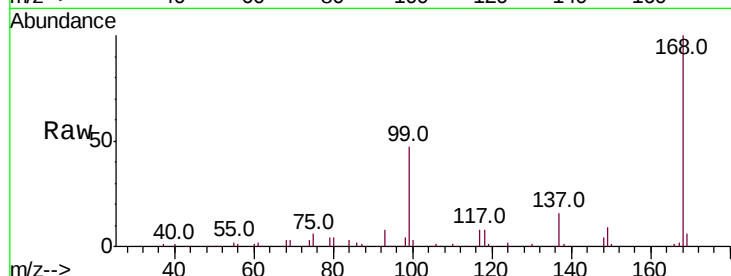
VX0313WBL01

Tot Ion:168 Resp: 252207

Ion Ratio Lower Upper

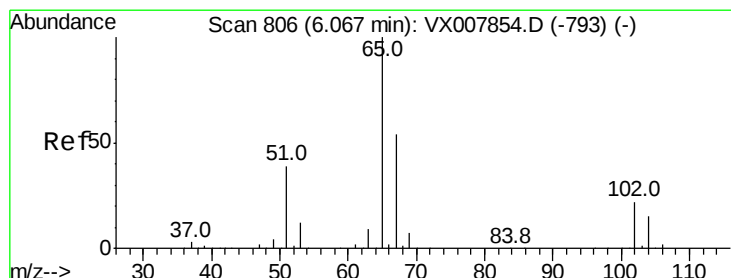
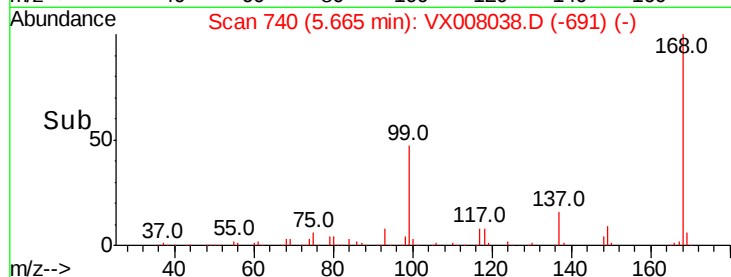
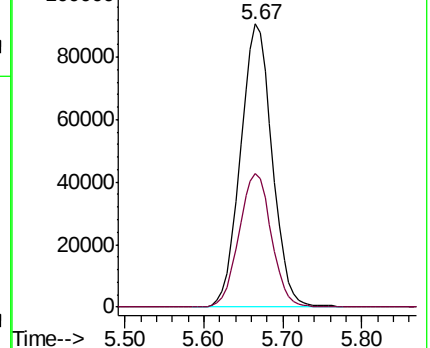
168 100

99 47.4 37.6 56.4



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: 52.499 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008038.D

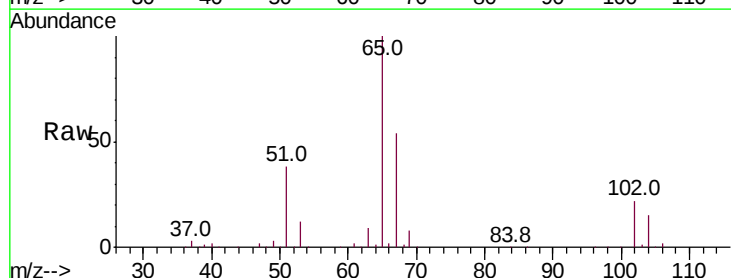
Acq: 13 Mar 2019 10:17

Tgt Ion: 65 Resp: 139677

Ion Ratio Lower Upper

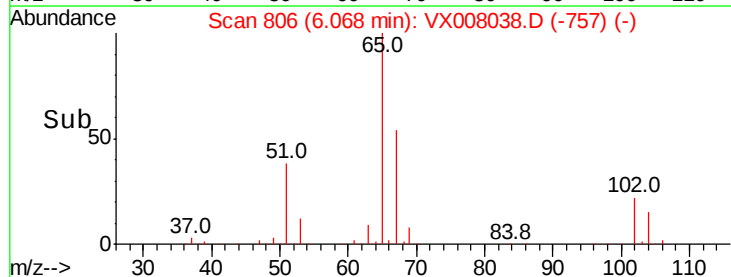
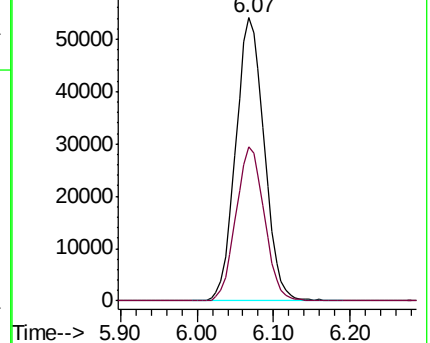
65 100

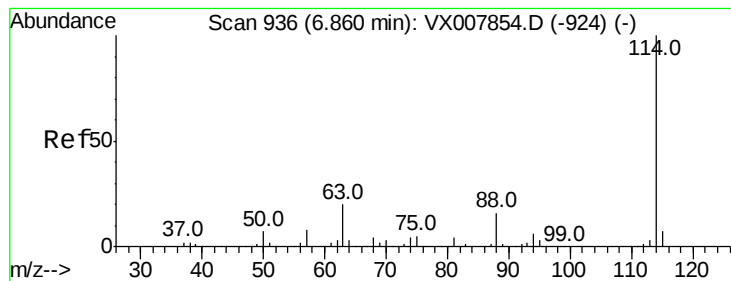
67 54.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008038.D

Acq: 13 Mar 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBL01

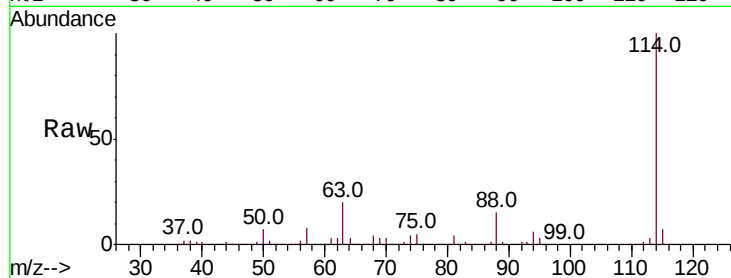
Tot Ion:114 Resp: 394923

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

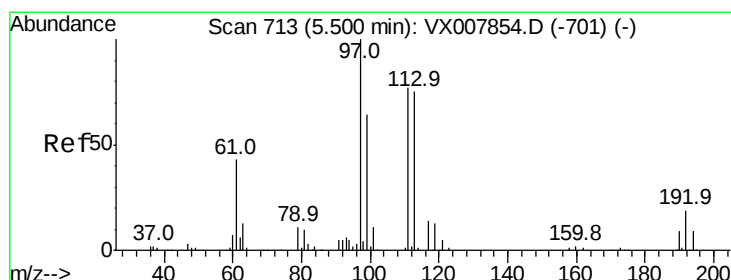
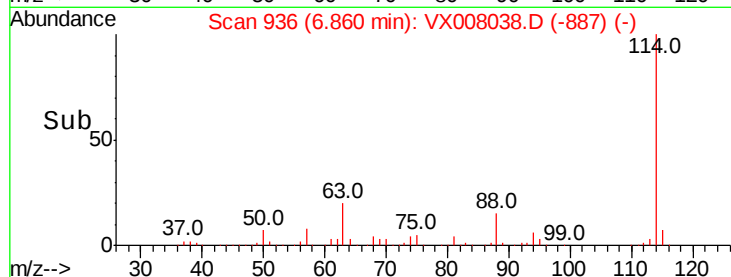
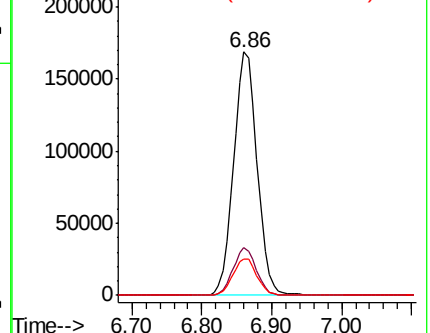
88 15.0 0.0 31.4



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: 51.050 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008038.D

Acq: 13 Mar 2019 10:17

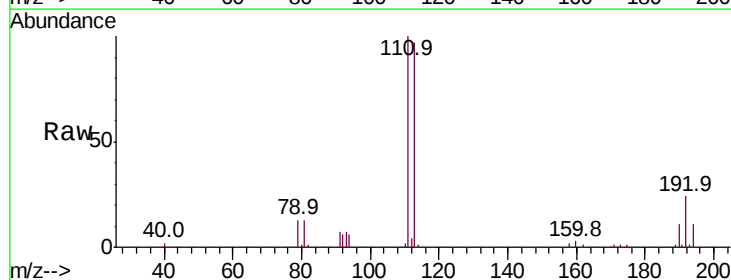
Tgt Ion:113 Resp: 128963

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

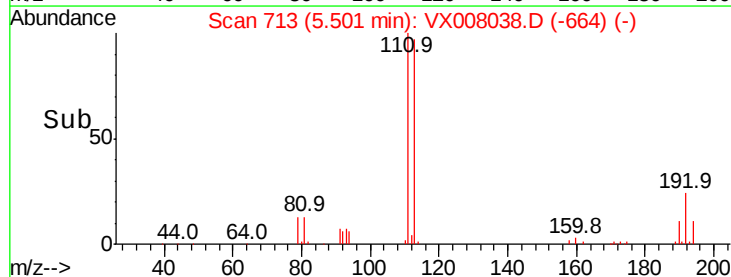
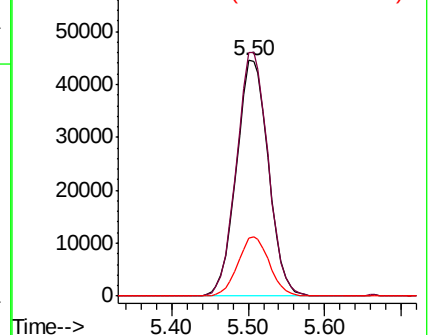
192 24.7 19.4 29.0

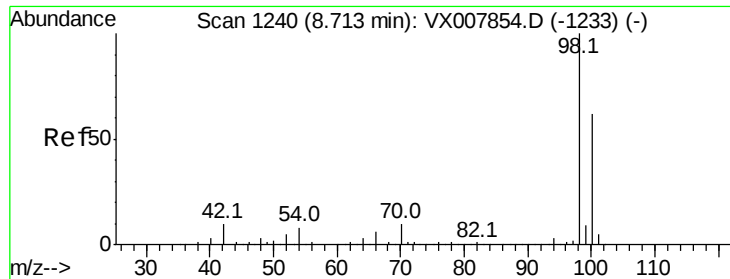


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

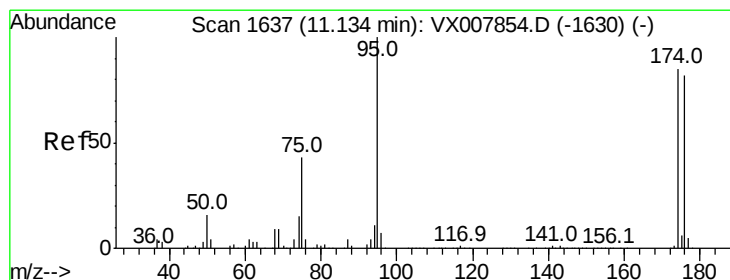
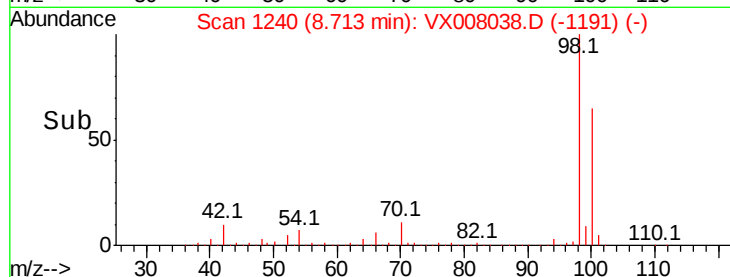
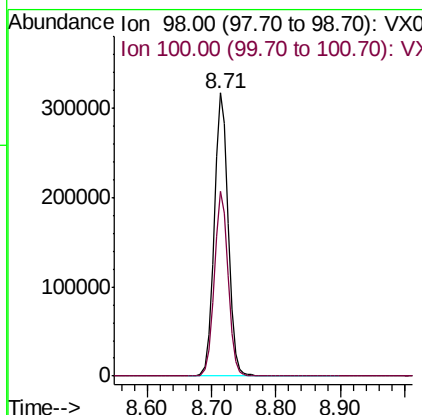
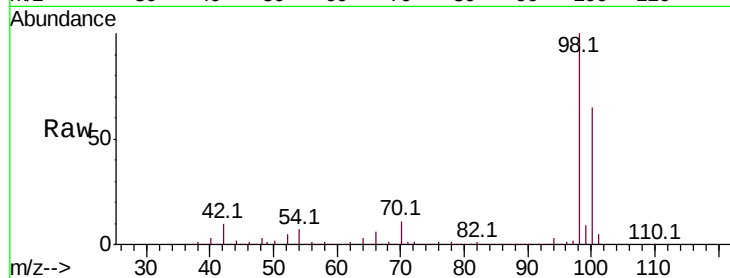




#50
Toluene-d8
Concen: 52.340 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008038.D
Acq: 13 Mar 2019 10:17

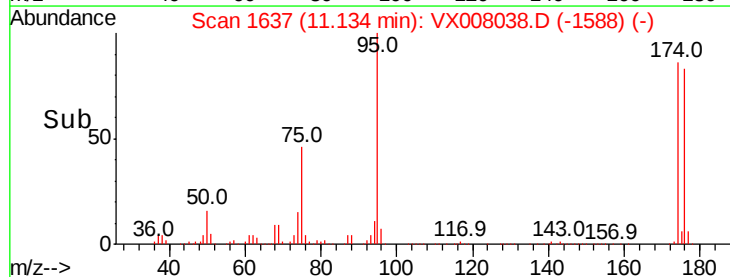
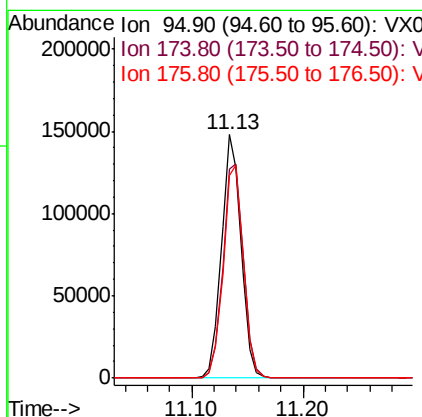
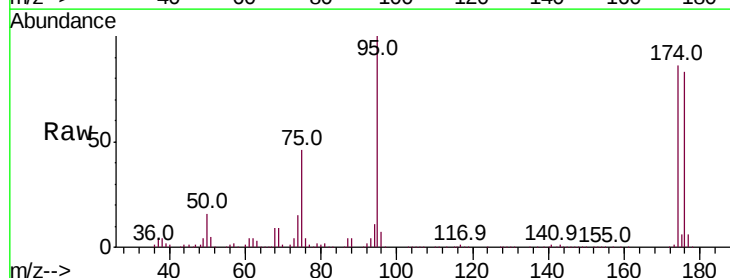
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

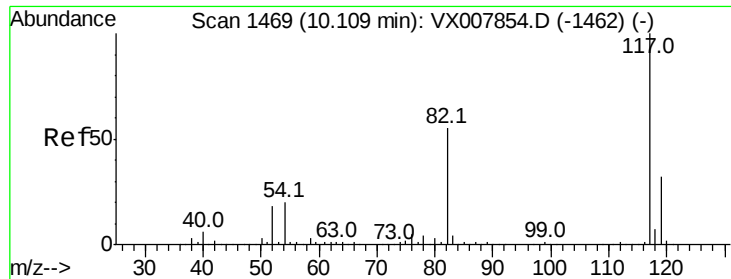
Tot Ion: 98 Resp: 485583
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 55.253 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008038.D
Acq: 13 Mar 2019 10:17

Tgt Ion: 95 Resp: 179723
Ion Ratio Lower Upper
95 100
174 92.6 0.0 182.8
176 90.0 0.0 178.0

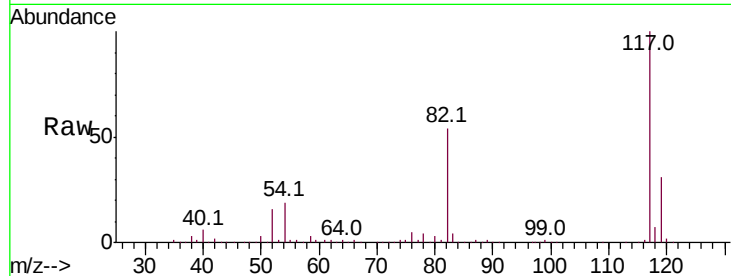




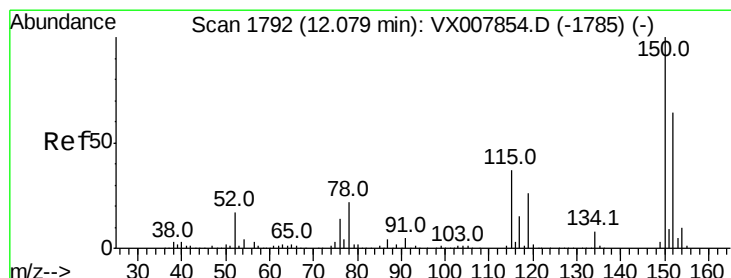
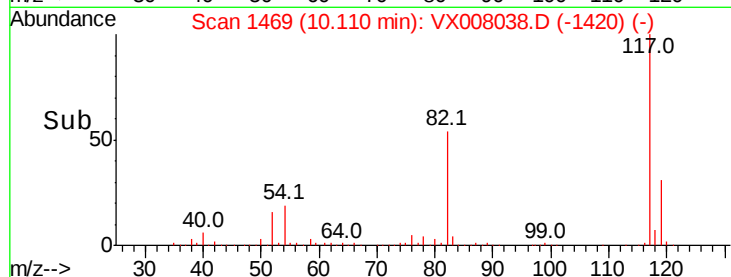
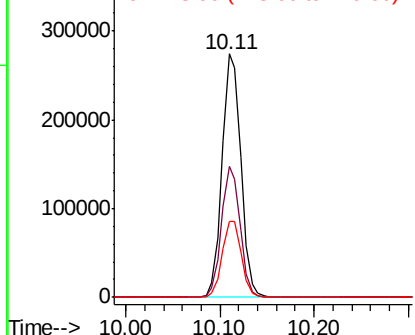
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008038.D
Acq: 13 Mar 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

Tot Ion:117 Resp: 379486
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.4 25.3 37.9

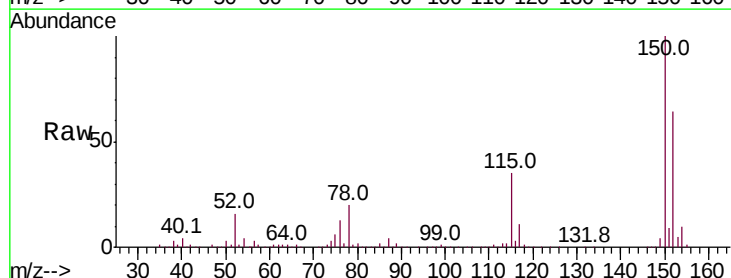


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008038.D
Acq: 13 Mar 2019 10:17

Tgt Ion:152 Resp: 185885
Ion Ratio Lower Upper
152 100
115 55.3 38.6 115.7
150 156.4 0.0 348.4



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

