

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010578.D
 Acq On : 01 Jul 2019 10:17
 Operator : JC/SP
 Sample : VX0701WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBL01

Quant Time: Jul 02 05:20:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	265280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	403918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	362676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165314	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125193	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
35) Dibromofluoromethane	5.49	113	125403	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
50) Toluene-d8	8.71	98	474828	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	157156	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	

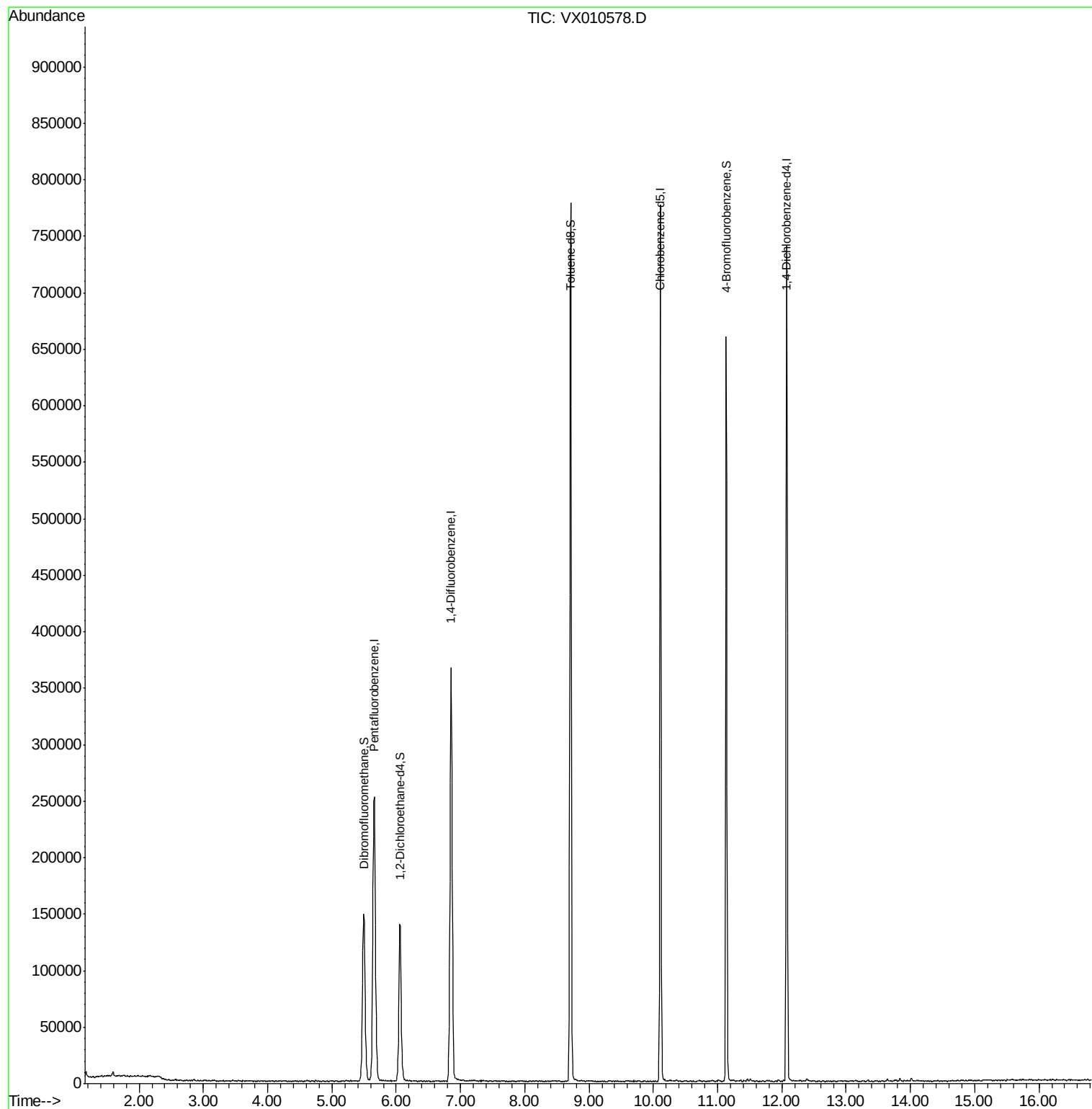
Target Compounds	Qvalue
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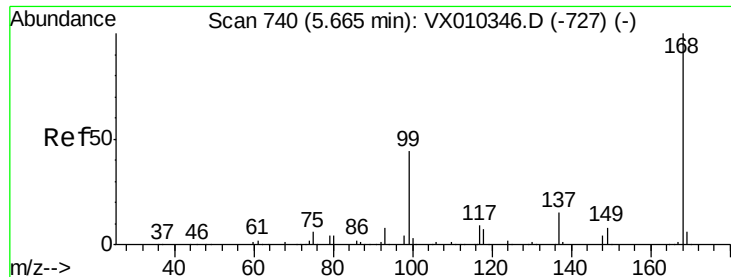
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 03:31:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010578.D

Acq: 01 Jul 2019 10:17

Instrument :

MSVOA_X

ClientSampled :

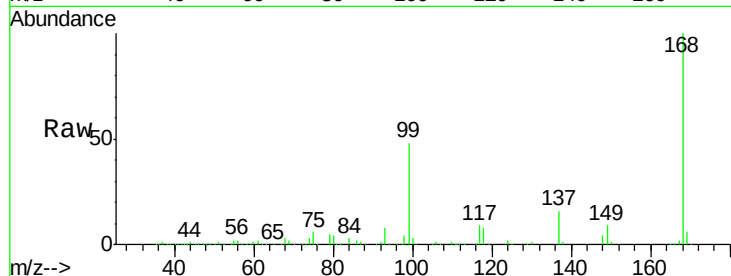
VX0701WBL01

Tot Ion:168 Resp: 265280

Ion Ratio Lower Upper

168 100

99 47.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

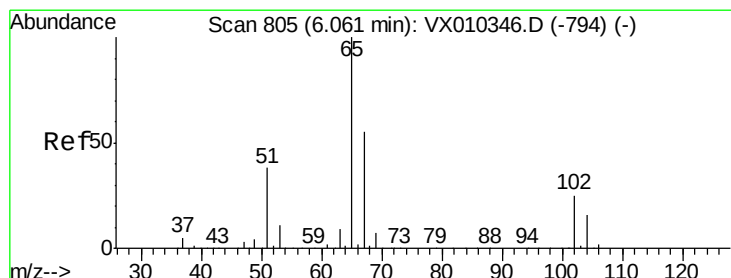
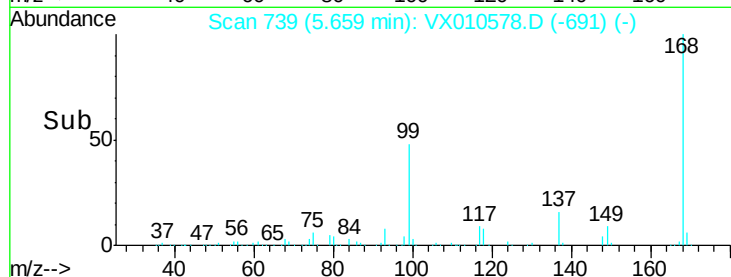
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.334 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010578.D

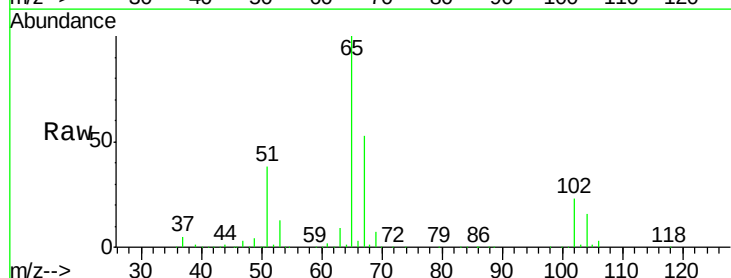
Acq: 01 Jul 2019 10:17

Tgt Ion: 65 Resp: 125193

Ion Ratio Lower Upper

65 100

67 55.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

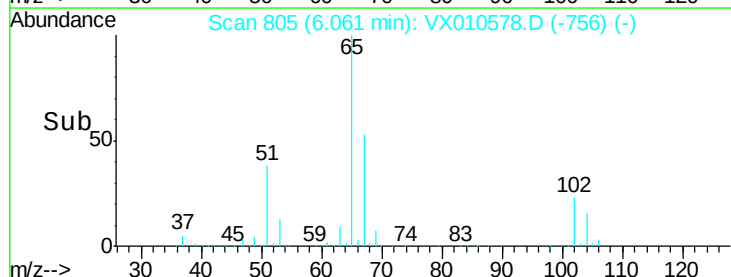
20000

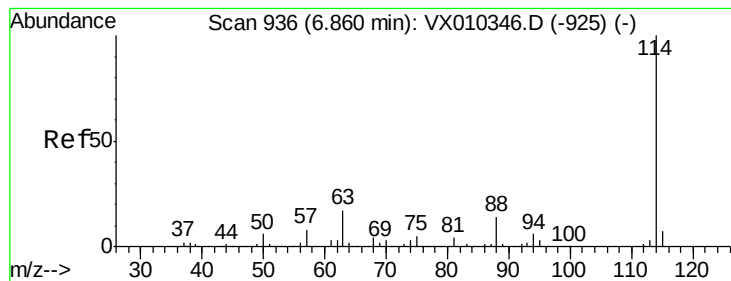
10000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010578.D

Acq: 01 Jul 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBL01

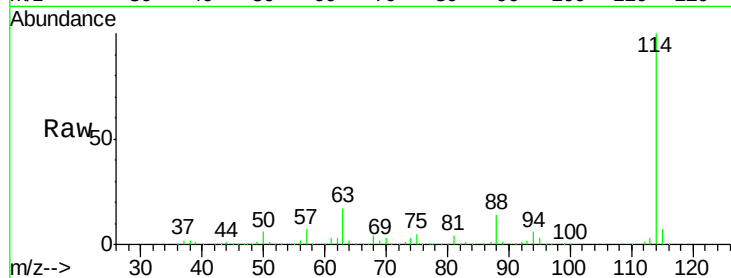
Tot Ion:114 Resp: 403918

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

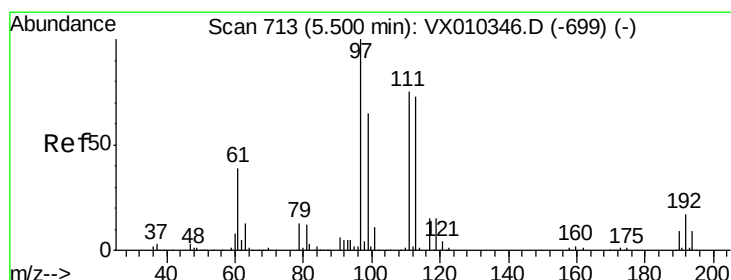
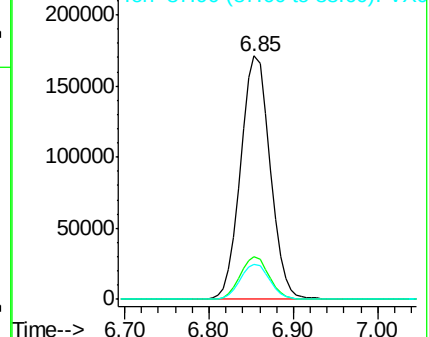
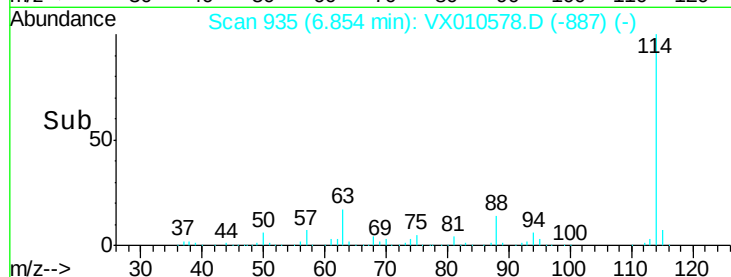
88 14.2 0.0 27.6



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: 50.743 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010578.D

Acq: 01 Jul 2019 10:17

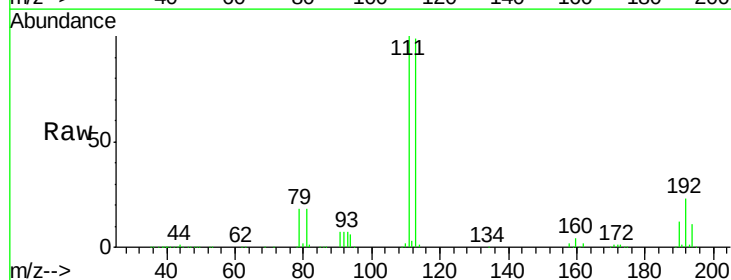
Tgt Ion:113 Resp: 125403

Ion Ratio Lower Upper

113 100

111 101.8 81.2 121.8

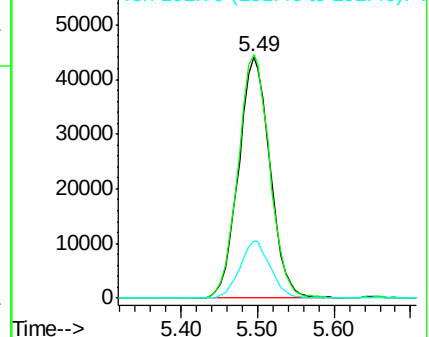
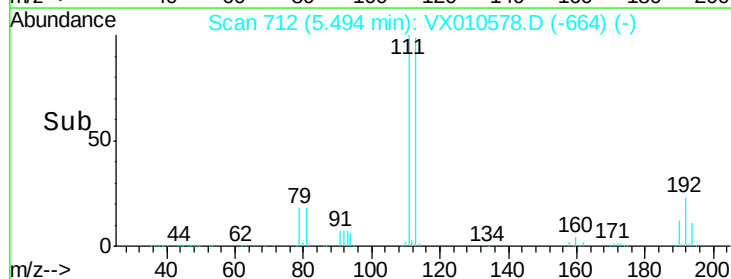
192 23.0 18.6 27.8

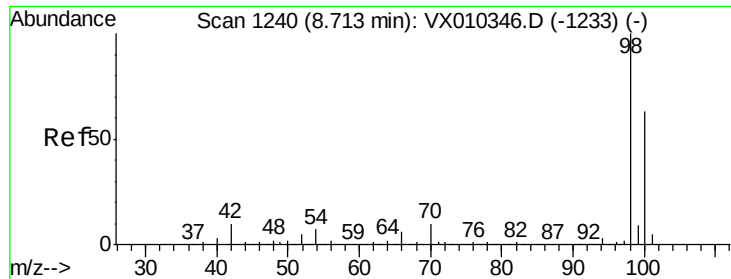


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

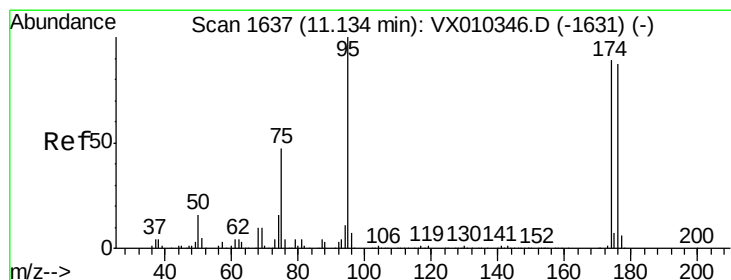
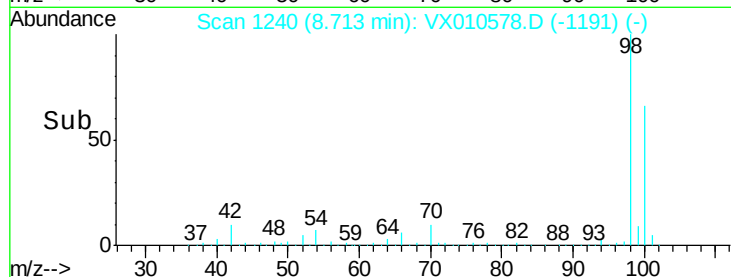
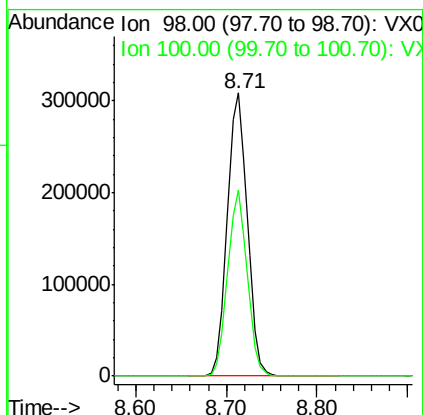
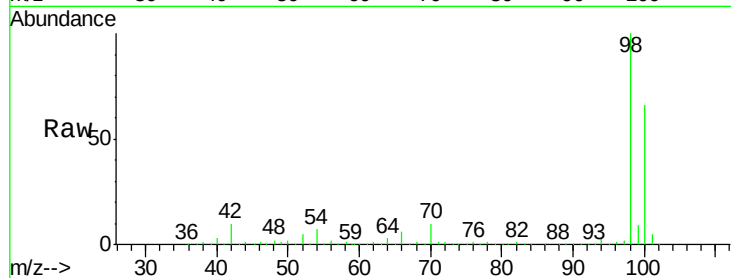




#50
Toluene-d8
Concen: 50.221 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010578.D
Acq: 01 Jul 2019 10:17

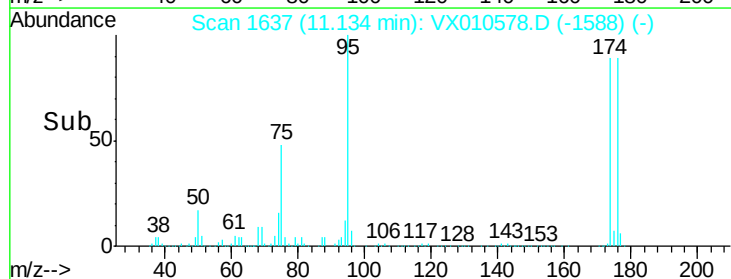
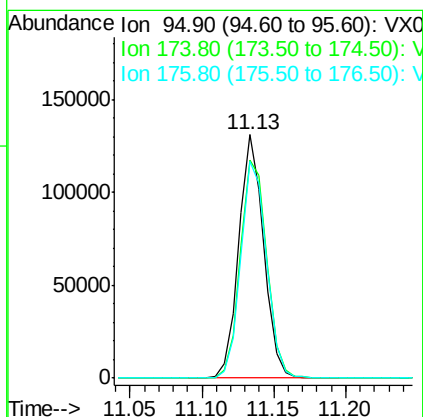
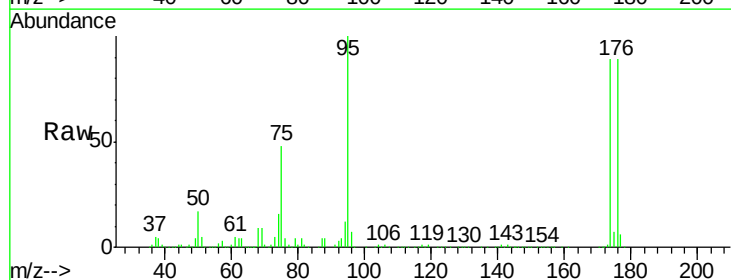
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

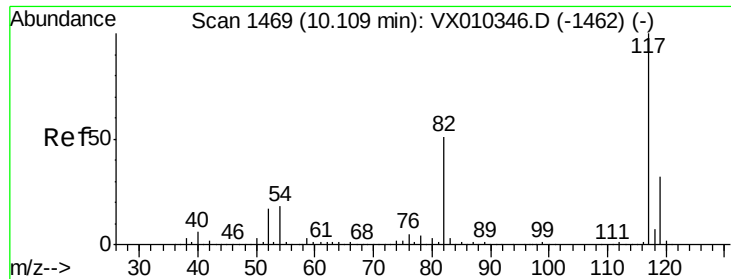
Tot Ion: 98 Resp: 474828
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.040 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010578.D
Acq: 01 Jul 2019 10:17

Tgt Ion: 95 Resp: 157156
Ion Ratio Lower Upper
95 100
174 95.2 0.0 187.6
176 92.2 0.0 184.0

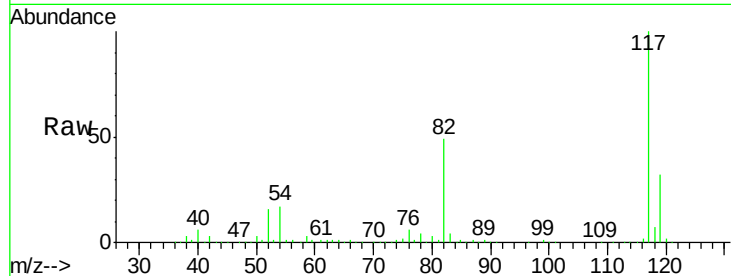




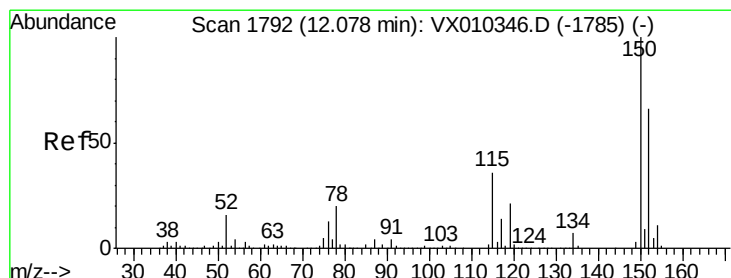
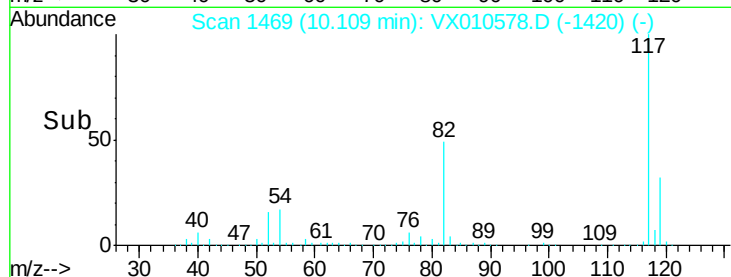
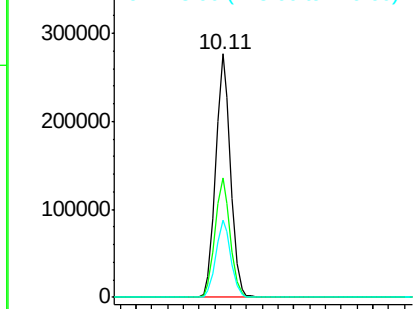
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010578.D
Acq: 01 Jul 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

Tot Ion:117 Resp: 362676
Ion Ratio Lower Upper
117 100
82 49.2 41.2 61.8
119 31.7 25.5 38.3

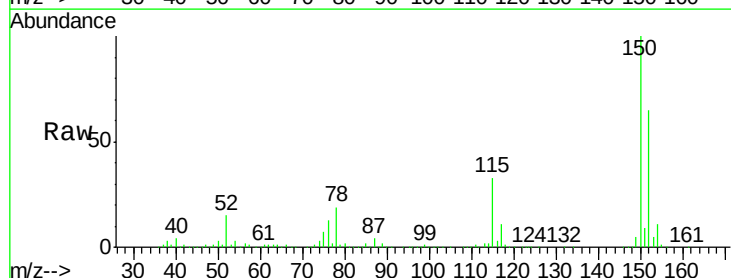


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010578.D
Acq: 01 Jul 2019 10:17

Tgt Ion:152 Resp: 165314
Ion Ratio Lower Upper
152 100
115 53.7 38.6 115.7
150 154.8 0.0 347.4



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

