

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030119\
 Data File : VX007781.D
 Acq On : 01 Mar 2019 11:20
 Operator : JC/SP
 Sample : VX0301MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301MBL01

Quant Time: Mar 01 13:38:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	330060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	504750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	488910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	239836	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188058	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
35) Dibromofluoromethane	5.50	113	164045	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	8.71	98	625749	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.13	95	228410	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

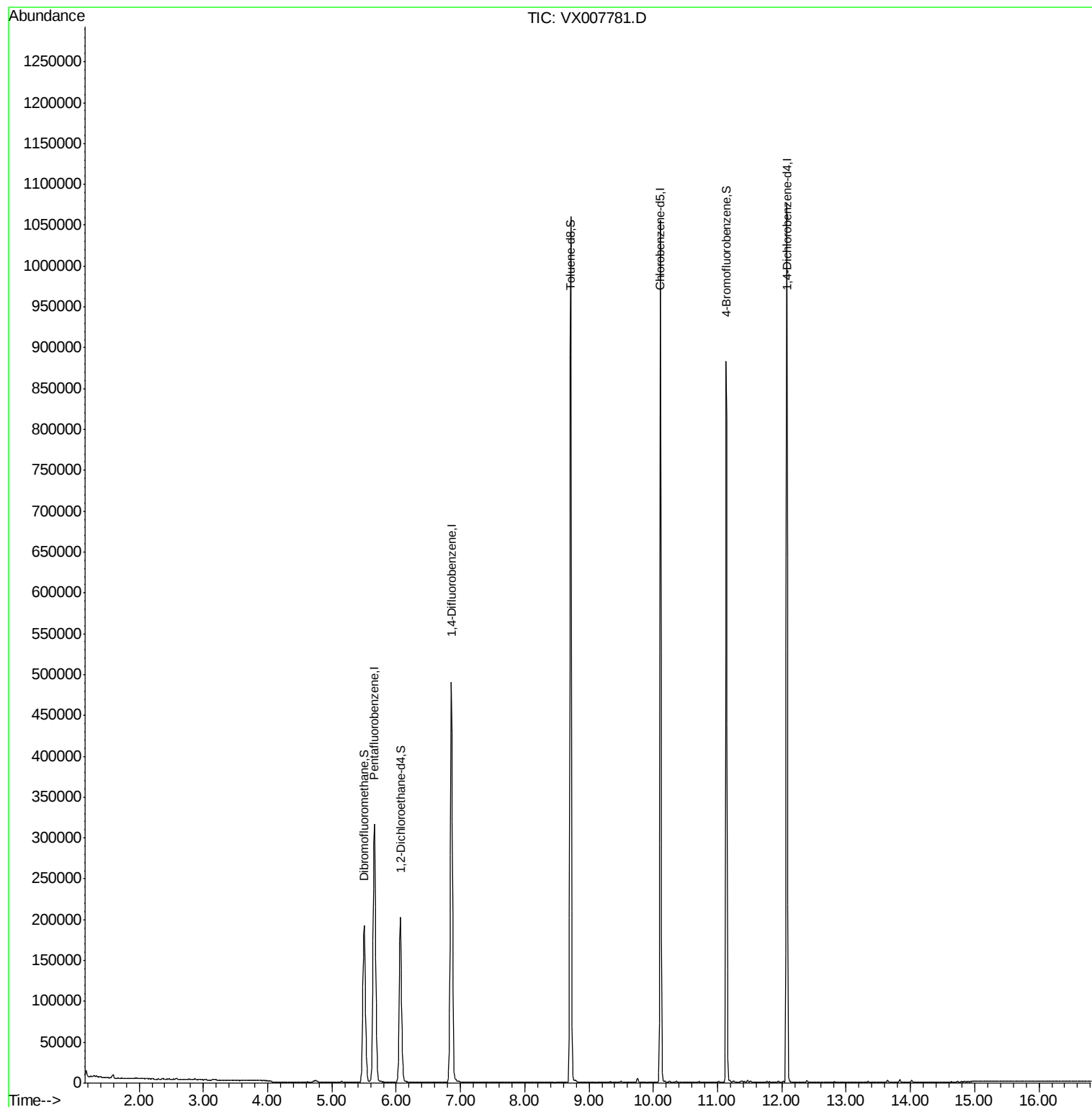
Target Compounds	Qvalue

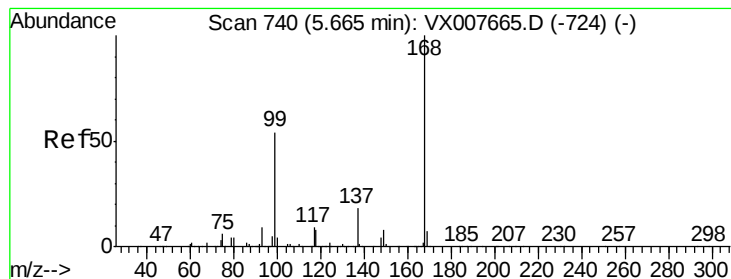
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007781.D

Acq: 01 Mar 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

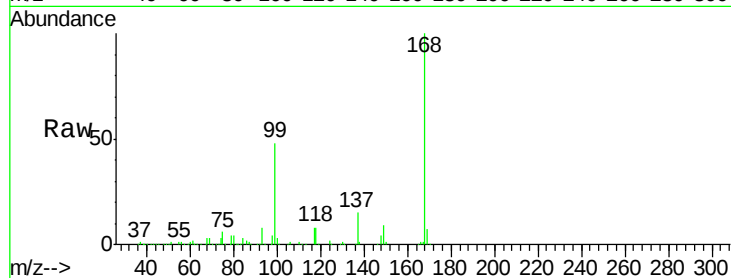
VX0301MBL01

Tot Ion:168 Resp: 330060

Ion Ratio Lower Upper

168 100

99 47.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

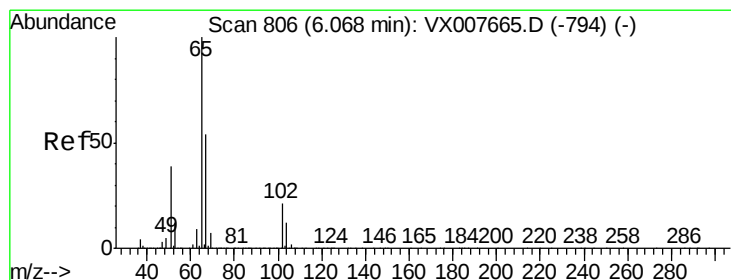
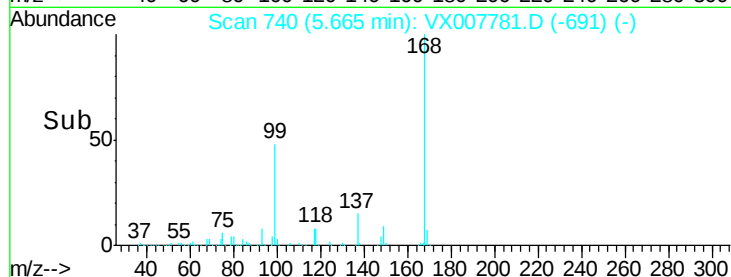
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.998 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007781.D

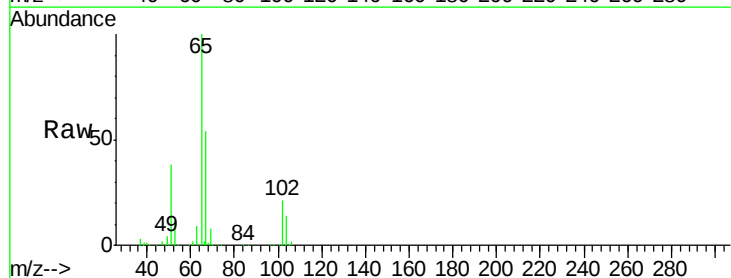
Acq: 01 Mar 2019 11:20

Tgt Ion: 65 Resp: 188058

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

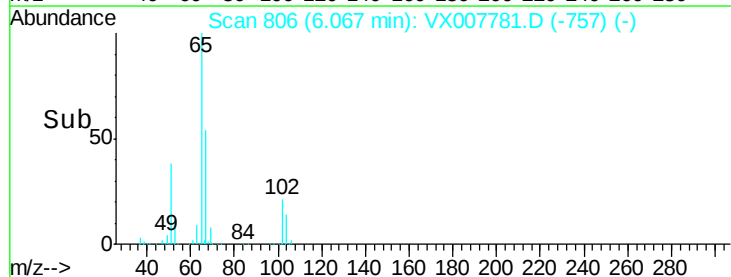
60000

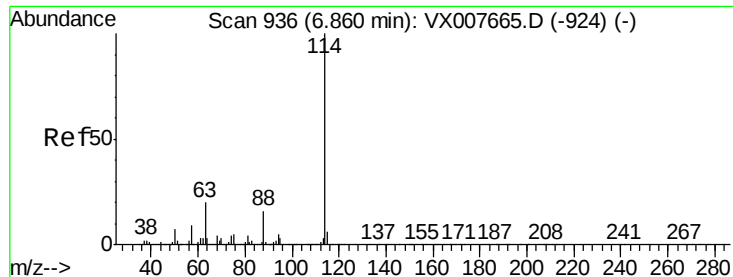
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007781.D

Acq: 01 Mar 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBL01

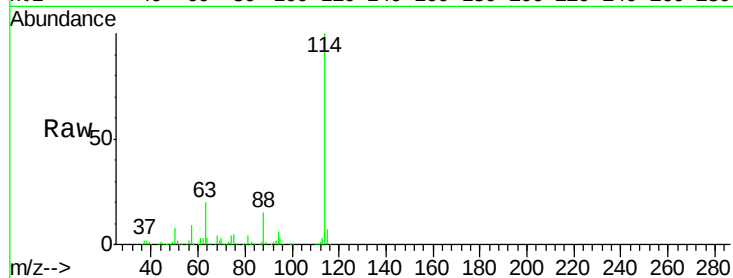
Tot Ion:114 Resp: 504750

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.6

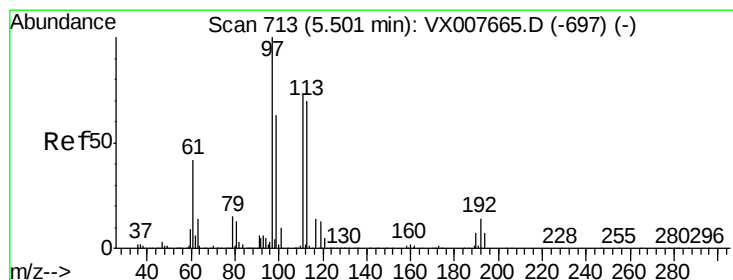
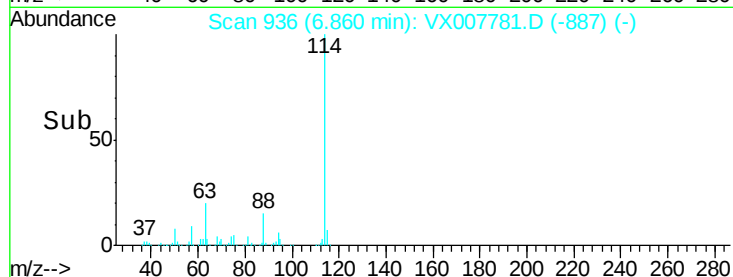
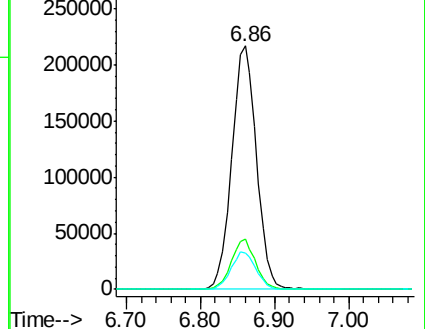
88 14.8 0.0 29.6



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: 48.619 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007781.D

Acq: 01 Mar 2019 11:20

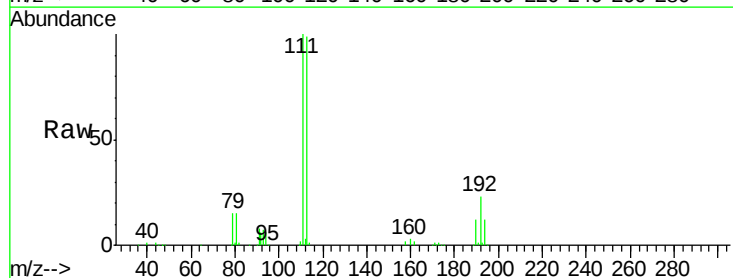
Tgt Ion:113 Resp: 164045

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

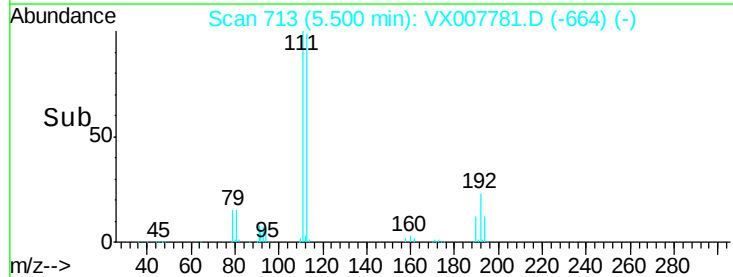
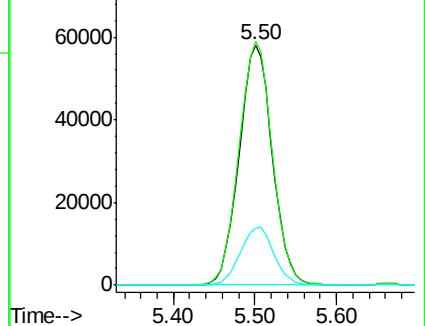
192 24.4 18.5 27.7



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

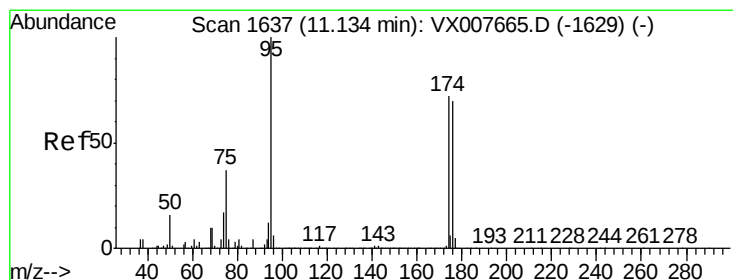
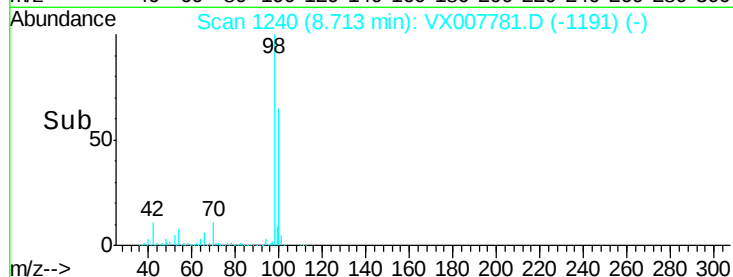
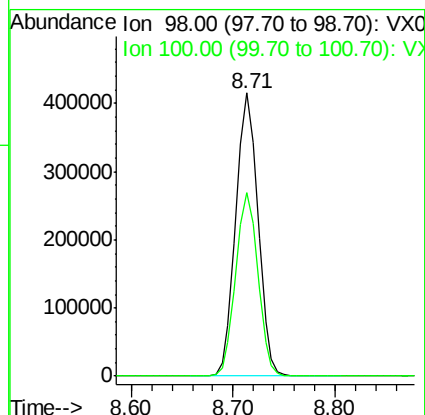
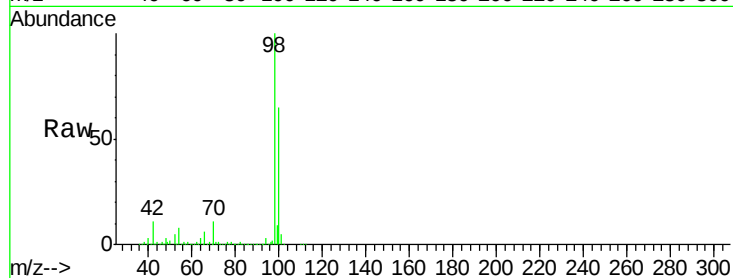




#50
Toluene-d8
Concen: 48.443 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

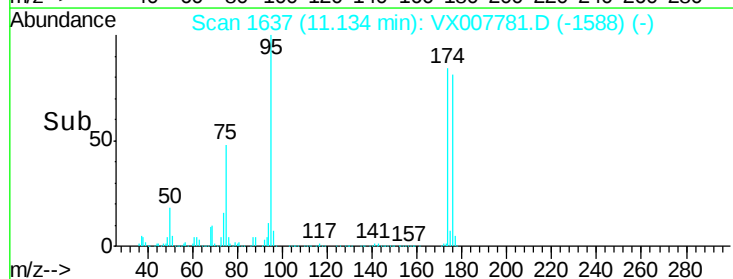
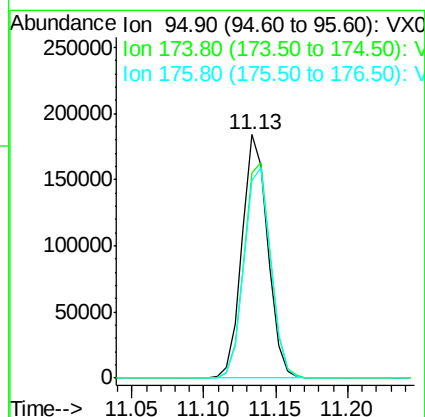
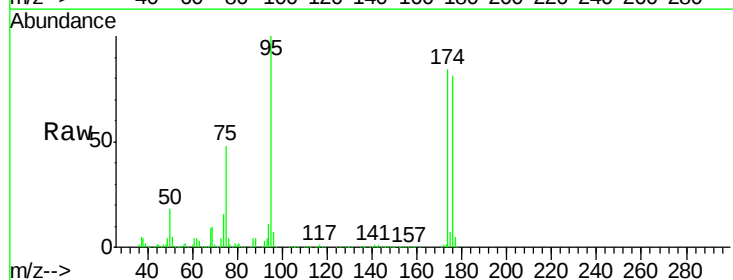
Instrument :
MSVOA_X
ClientSampleId :
VX0301MBL01

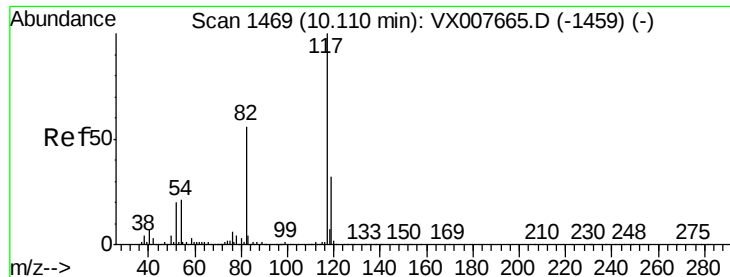
Tot Ion: 98 Resp: 625749
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.176 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion: 95 Resp: 228410
Ion Ratio Lower Upper
95 100
174 91.7 0.0 189.2
176 89.3 0.0 186.2

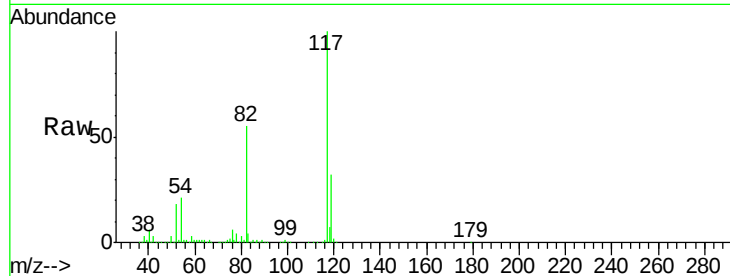




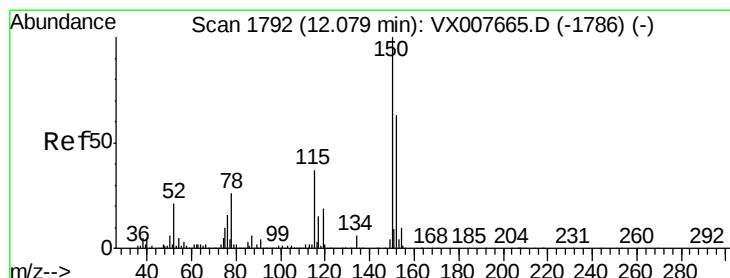
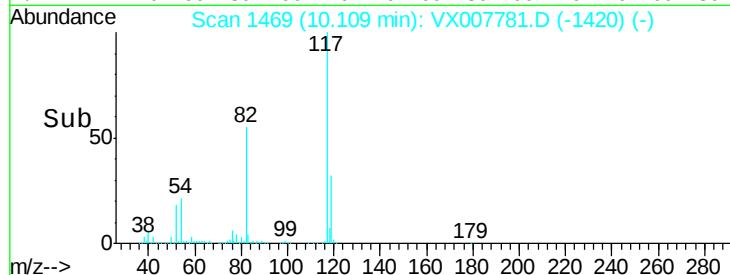
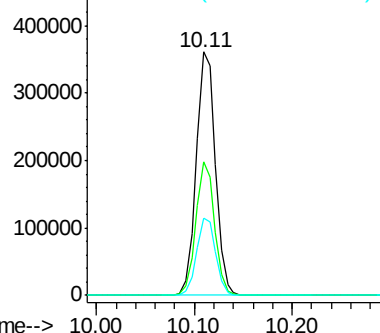
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBL01

Tot Ion:117 Resp: 488910
Ion Ratio Lower Upper
117 100
82 54.8 42.1 63.1
119 31.8 26.5 39.7

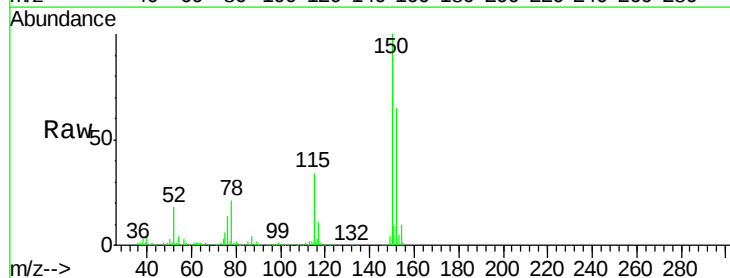


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion:152 Resp: 239836
Ion Ratio Lower Upper
152 100
115 54.5 38.0 114.0
150 155.2 0.0 346.4



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

