

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008509.D
 Acq On : 28 Mar 2019 11:01
 Operator : JC/SP
 Sample : VX0328WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBL01

Quant Time: Mar 29 01:57:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	239637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137436	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	164207	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	
35) Dibromofluoromethane	5.50	113	120911	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
50) Toluene-d8	8.71	98	493968	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.13	95	165790	43.51	ug/l	0.00
Spiked Amount			Recovery	=	87.02%	

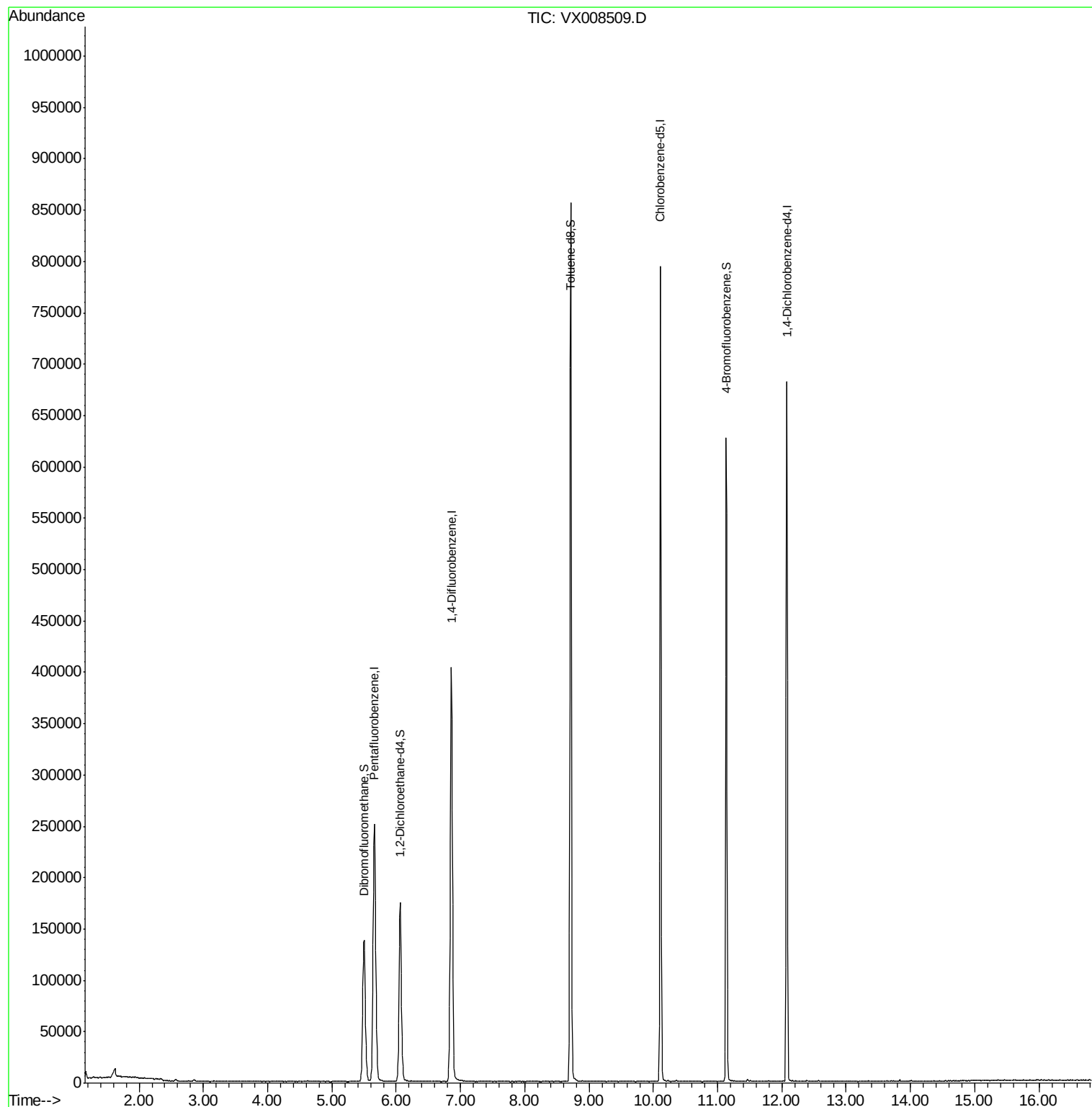
Target Compounds	Qvalue
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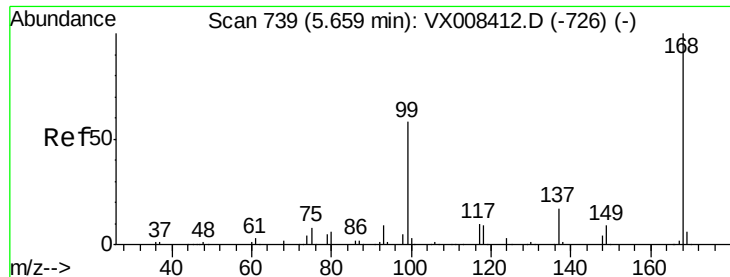
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008509.D

Acq: 28 Mar 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

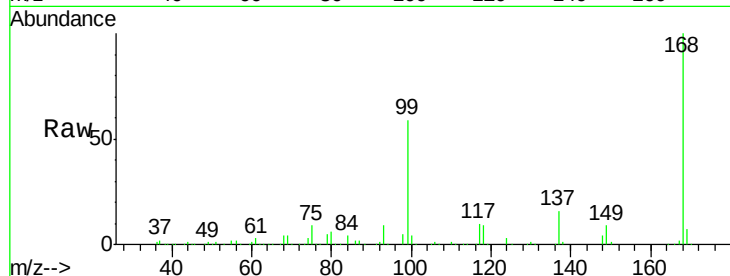
VX0328WBL01

Tot Ion:168 Resp: 239637

Ion Ratio Lower Upper

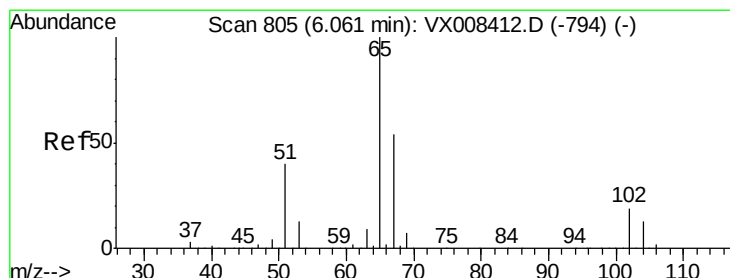
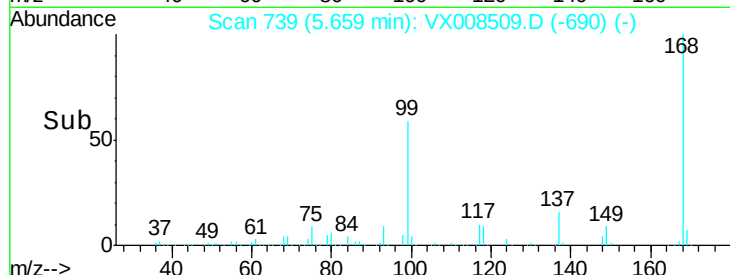
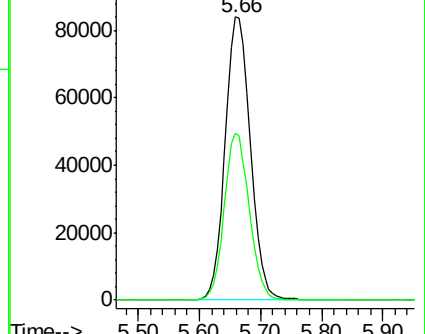
168 100

99 58.8 46.0 69.0



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: 45.199 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008509.D

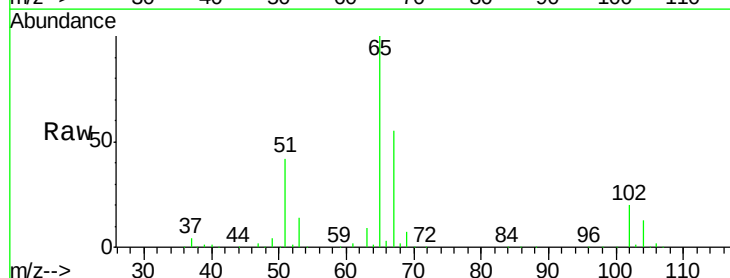
Acq: 28 Mar 2019 11:01

Tgt Ion: 65 Resp: 164207

Ion Ratio Lower Upper

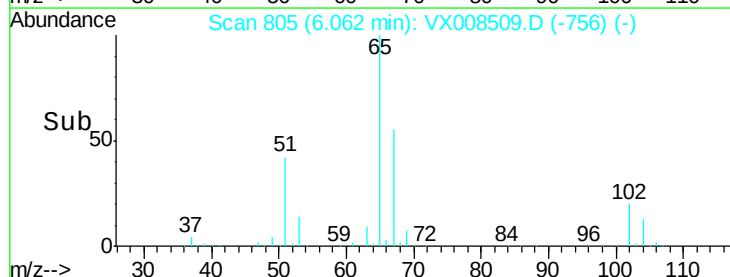
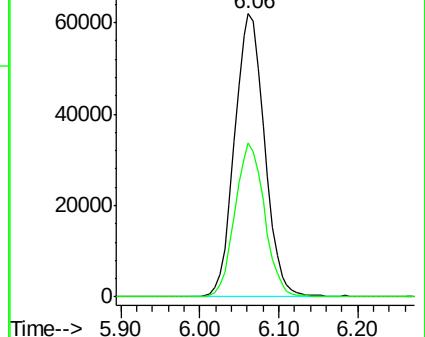
65 100

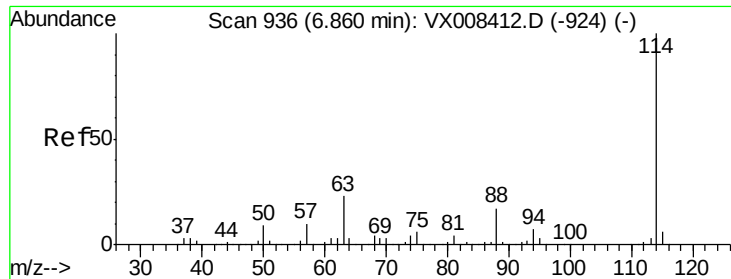
67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

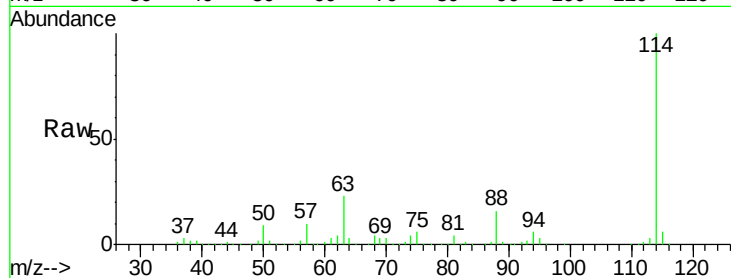




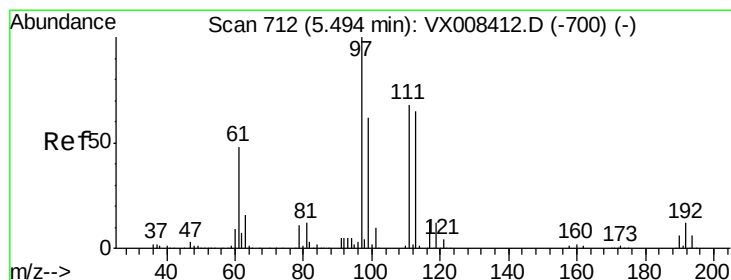
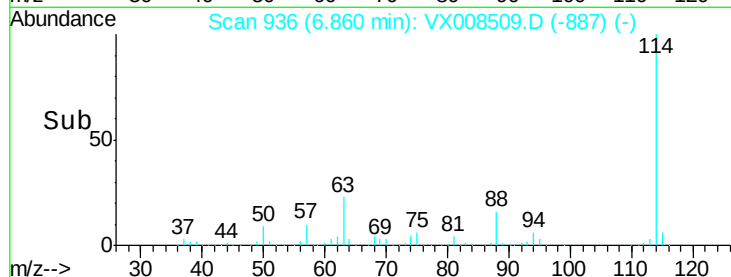
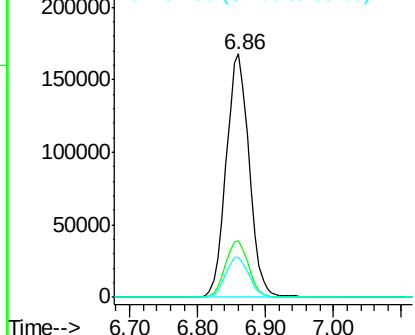
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008509.D
 Acq: 28 Mar 2019 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBL01

Tot Ion:114 Resp: 394386
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.4
 88 16.3 0.0 33.2

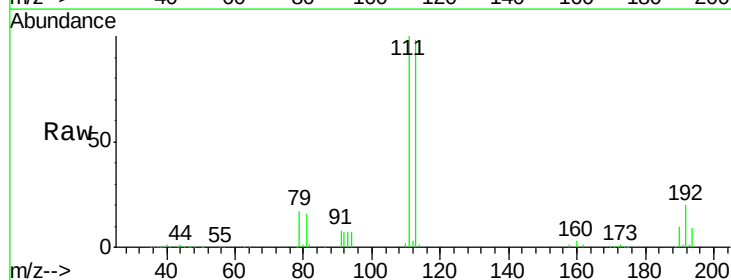


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

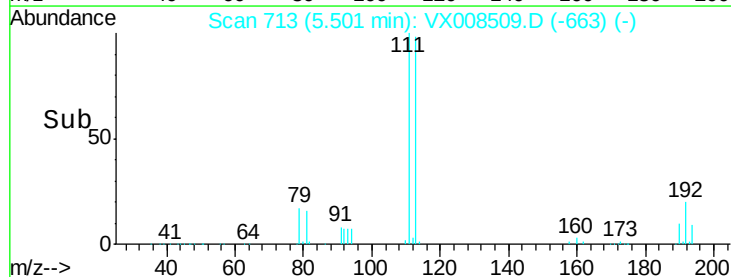
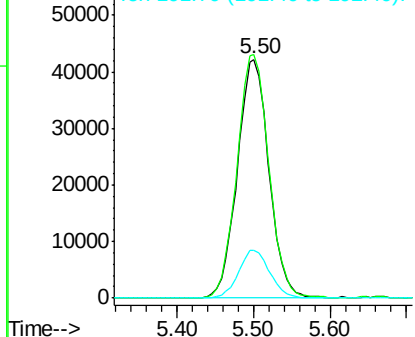


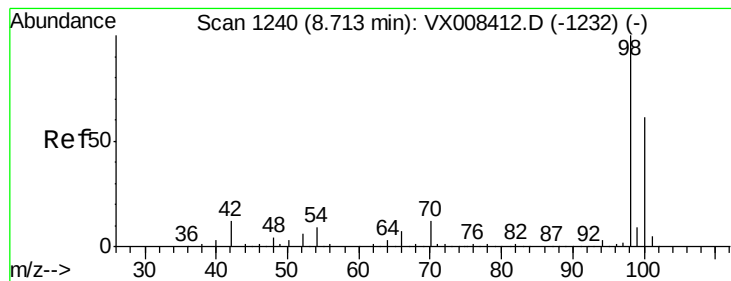
#35
 Dibromofluoromethane
 Concen: 47.018 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008509.D
 Acq: 28 Mar 2019 11:01

Tgt Ion:113 Resp: 120911
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.4
 192 19.8 15.6 23.4



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: 48.039 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008509.D

Acq: 28 Mar 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

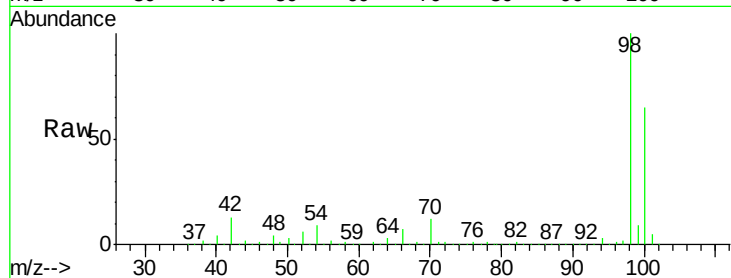
VX0328WBL01

Tot Ion: 98 Resp: 493968

Ion Ratio Lower Upper

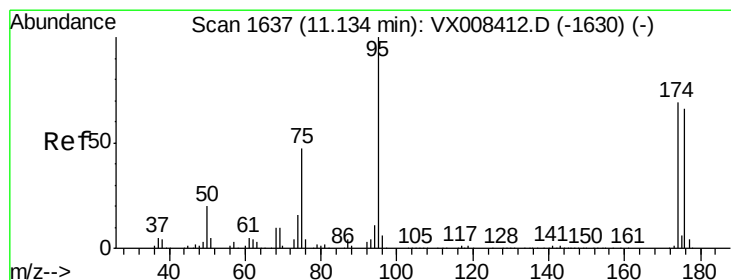
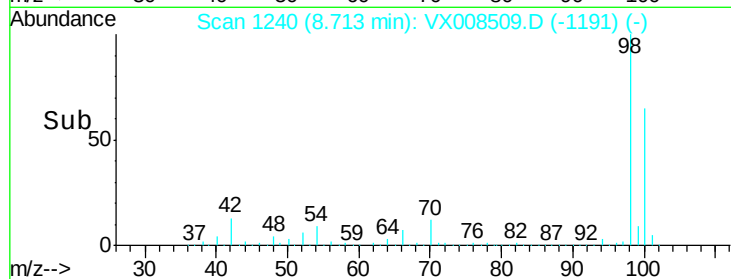
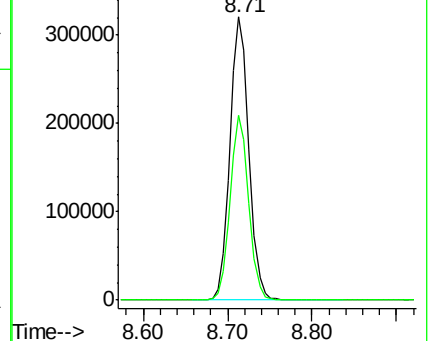
98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.510 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008509.D

Acq: 28 Mar 2019 11:01

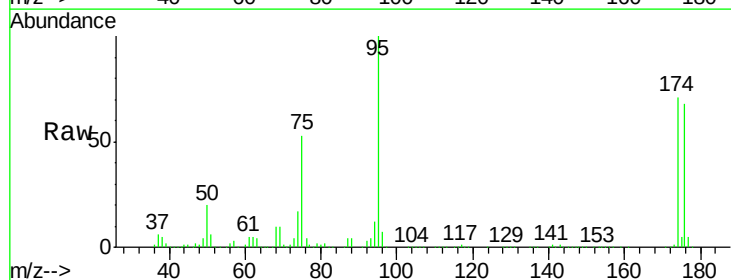
Tgt Ion: 95 Resp: 165790

Ion Ratio Lower Upper

95 100

174 74.6 0.0 147.2

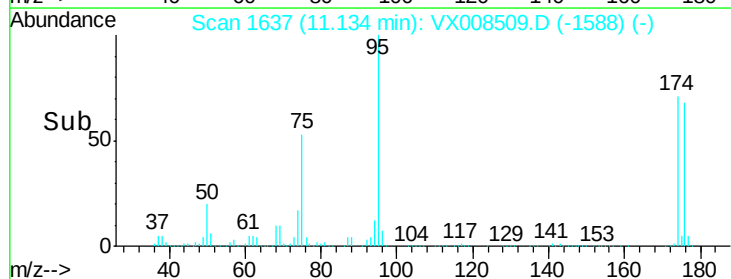
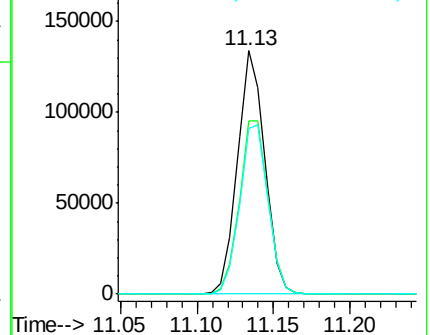
176 72.3 0.0 142.4

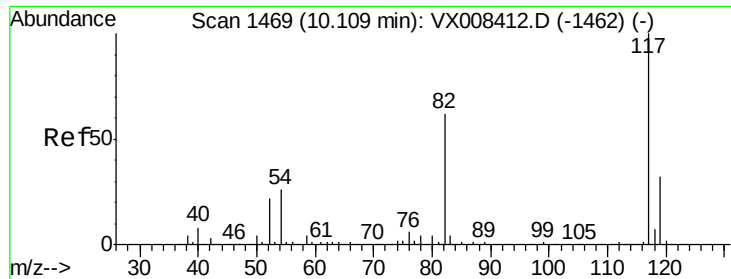


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

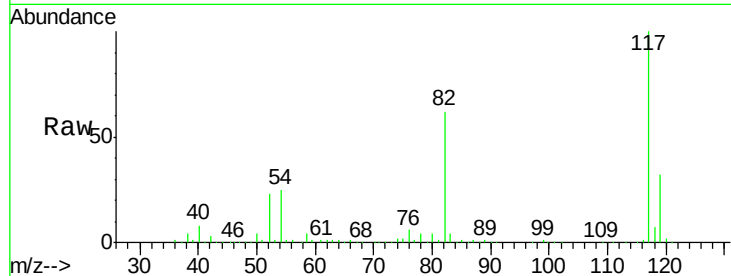




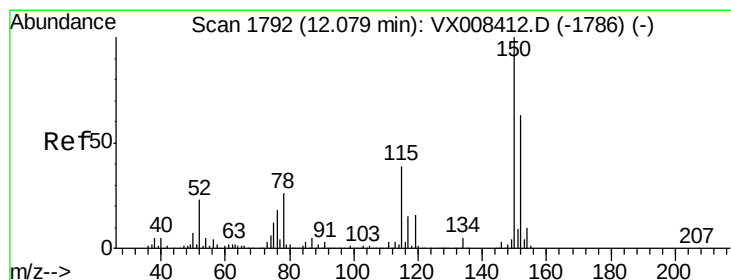
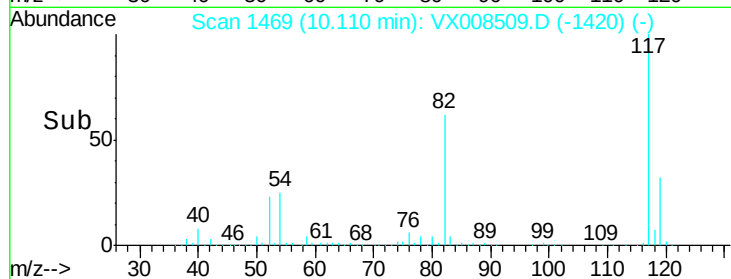
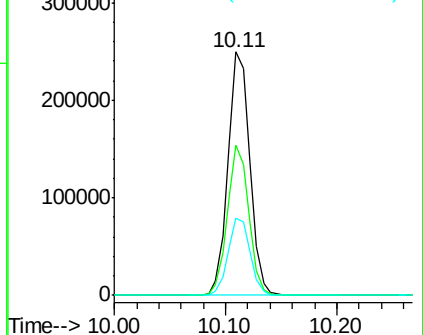
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008509.D
Acq: 28 Mar 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL01

Tot Ion:117 Resp: 337985
Ion Ratio Lower Upper
117 100
82 61.5 49.4 74.2
119 31.6 25.4 38.0

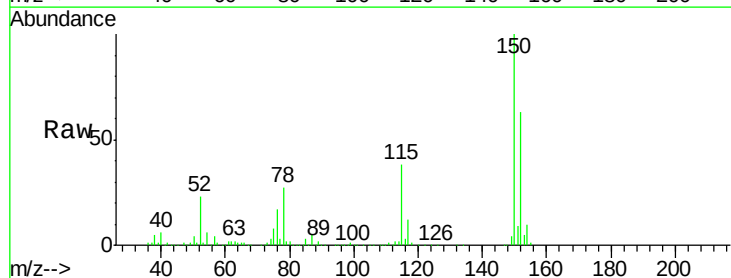


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008509.D
Acq: 28 Mar 2019 11:01

Tgt Ion:152 Resp: 137436
Ion Ratio Lower Upper
152 100
115 60.7 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

