

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032619\
 Data File : VX008459.D
 Acq On : 26 Mar 2019 17:09
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLK

Quant Time: Mar 27 03:09:28 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	5.65	168	218724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	366773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131819	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	153970	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
35) Dibromofluoromethane	5.49	113	112210	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	457745	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.13	95	155301	43.83	ug/l	0.00
Spiked Amount			Recovery	=	87.66%	

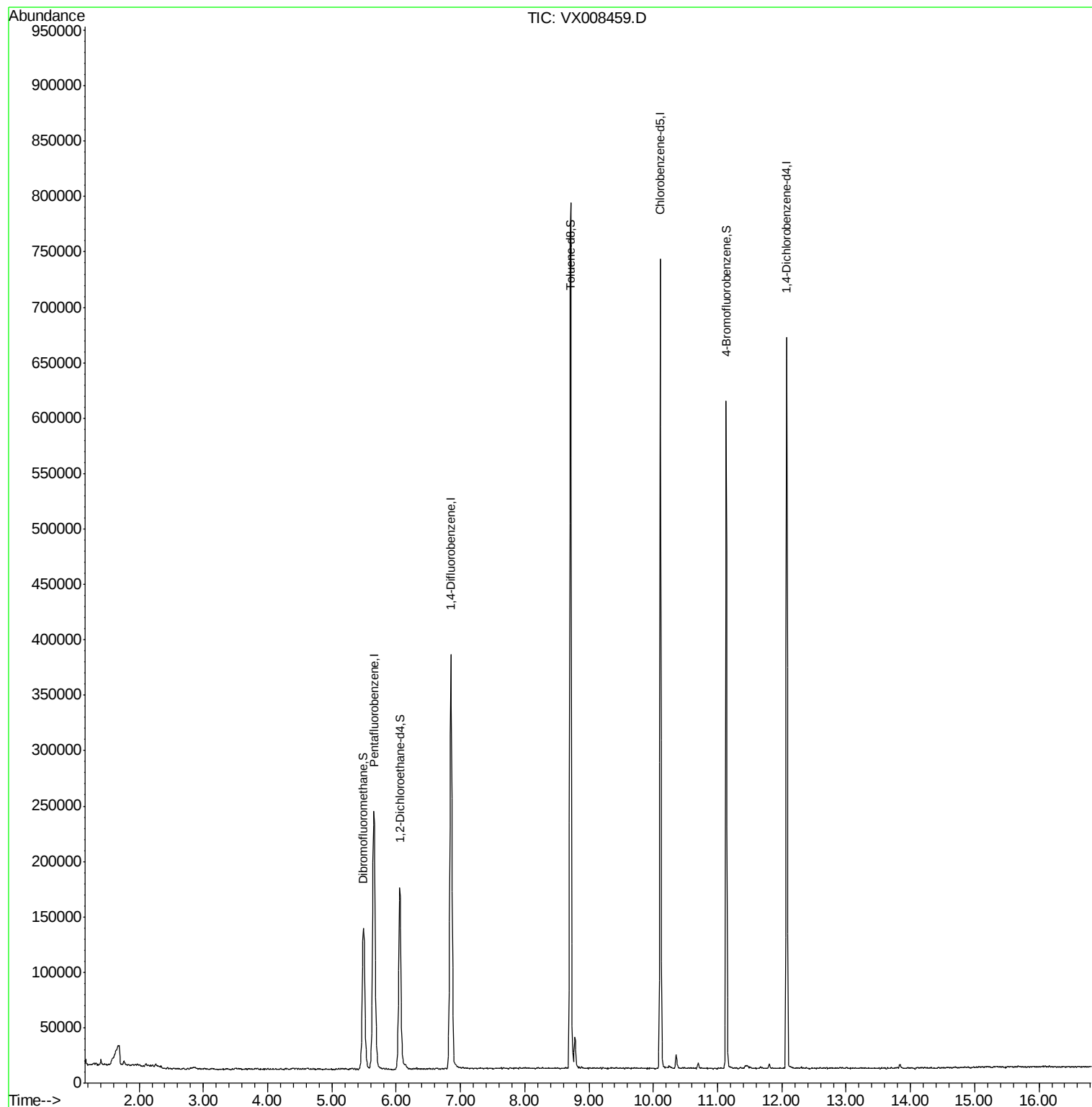
Target Compounds	Qvalue
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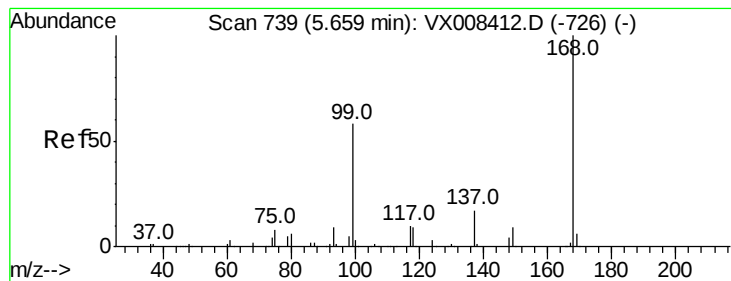
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008459.D

Acq: 26 Mar 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

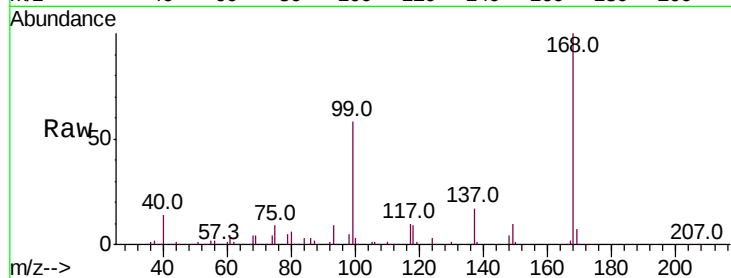
I.BLK

Tot Ion:168 Resp: 218724

Ion Ratio Lower Upper

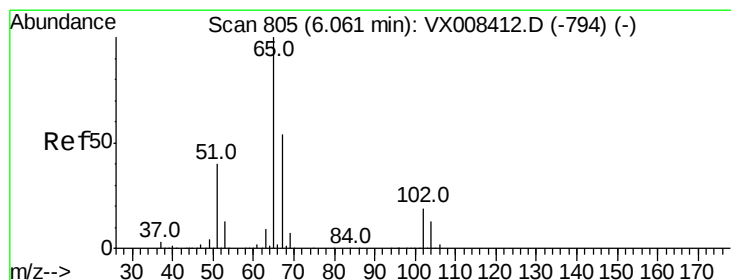
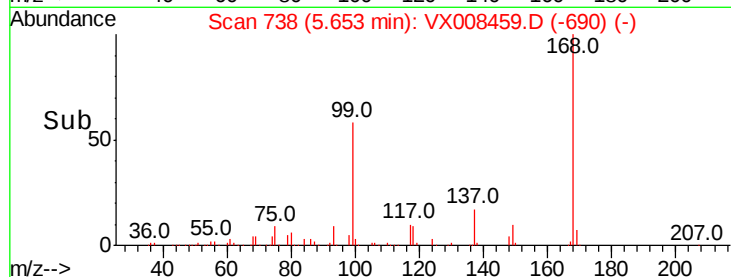
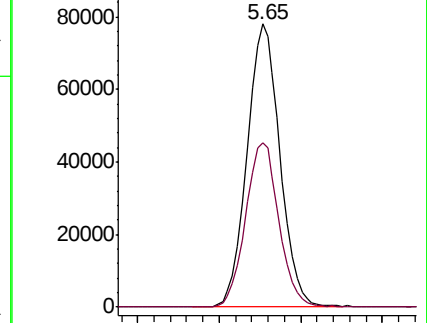
168 100

99 57.9 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: 46.434 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008459.D

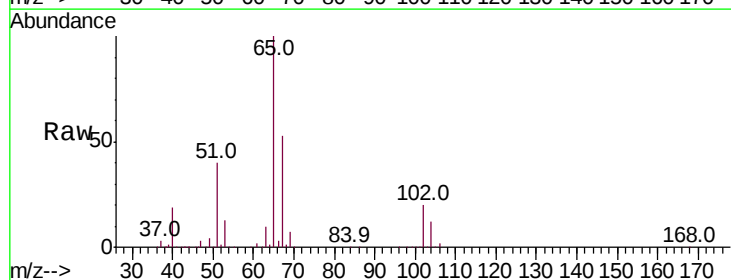
Acq: 26 Mar 2019 17:09

Tgt Ion: 65 Resp: 153970

Ion Ratio Lower Upper

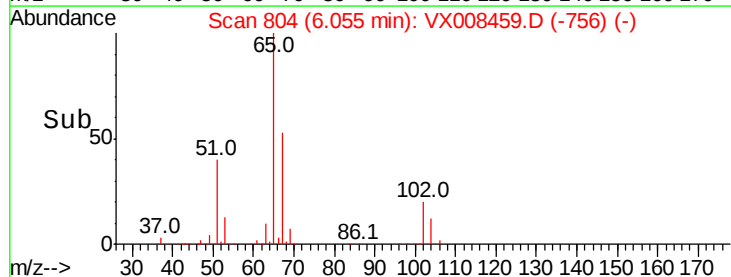
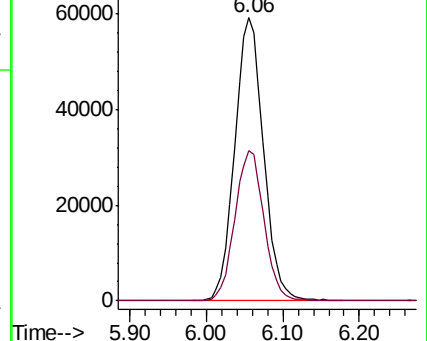
65 100

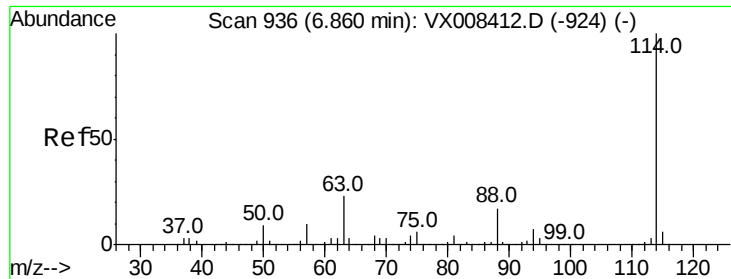
67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



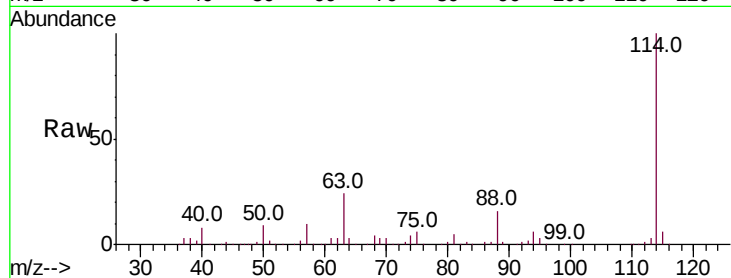


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008459.D
 Acq: 26 Mar 2019 17:09

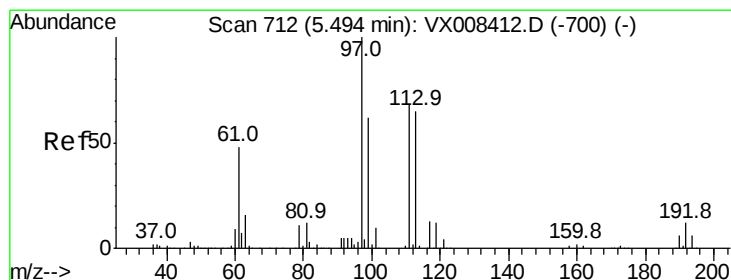
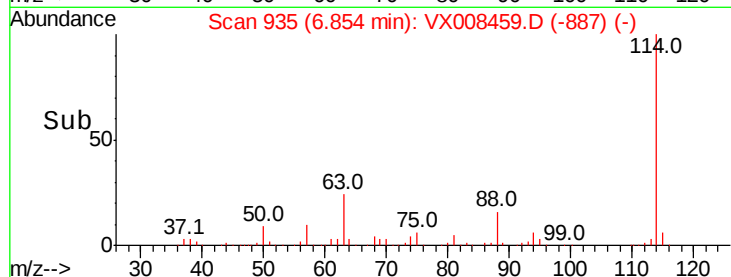
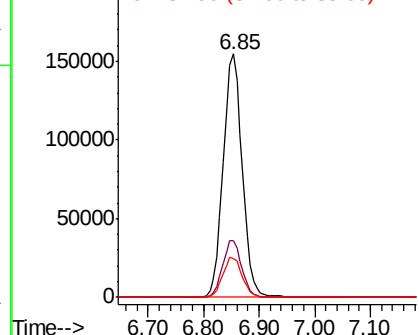
Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLK

Tot Ion:114 Resp: 366773

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.4
88	16.2	0.0	33.2



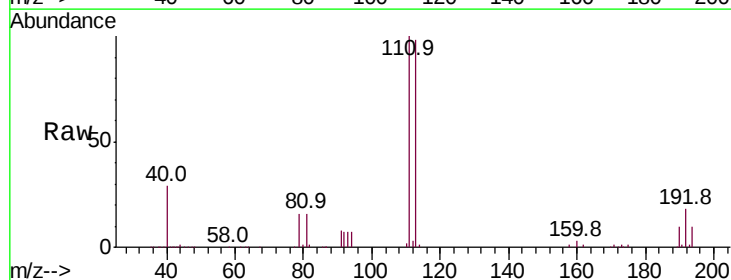
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0



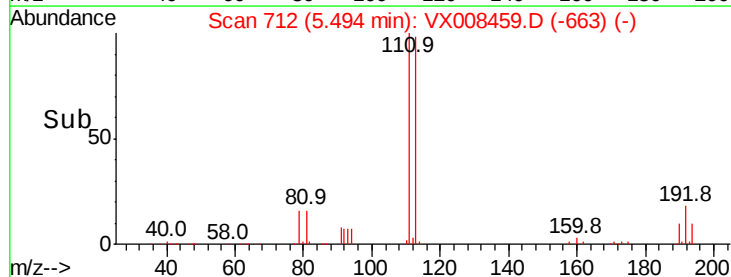
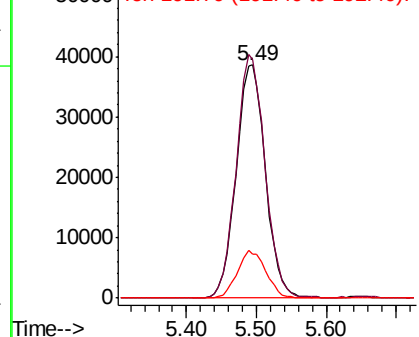
#35
 Dibromofluoromethane
 Concen: 46.920 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008459.D
 Acq: 26 Mar 2019 17:09

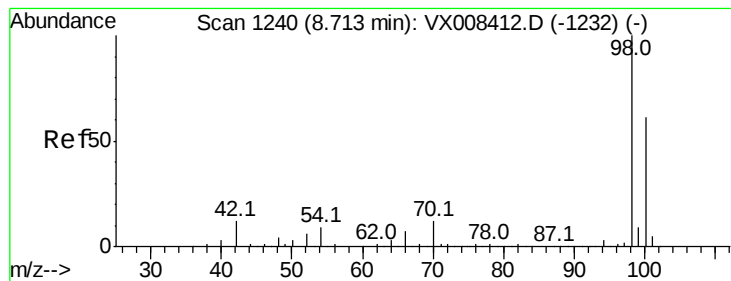
Tgt Ion:113 Resp: 112210

Ion	Ratio	Lower	Upper
113	100		
111	102.8	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: 47.868 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008459.D

Acq: 26 Mar 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

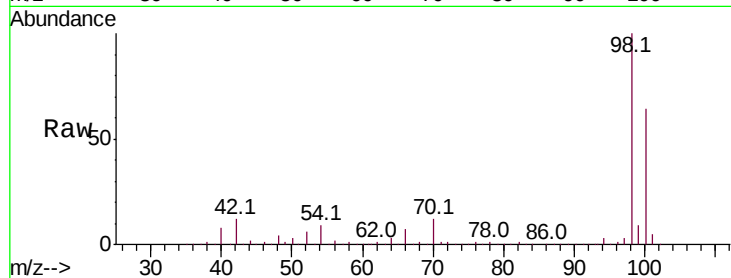
I.BLK

Tot Ion: 98 Resp: 457745

Ion Ratio Lower Upper

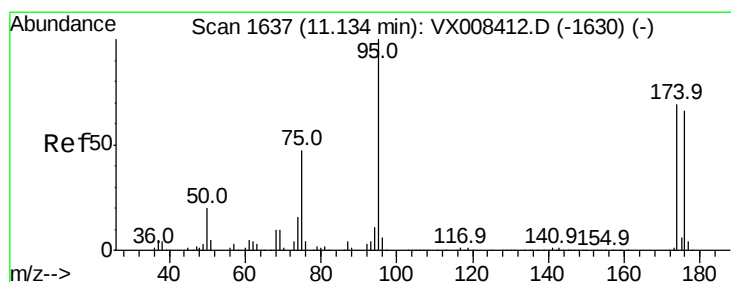
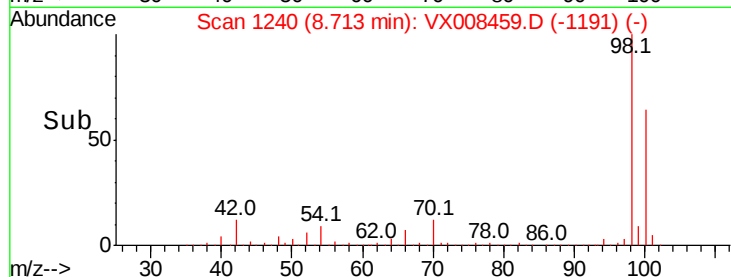
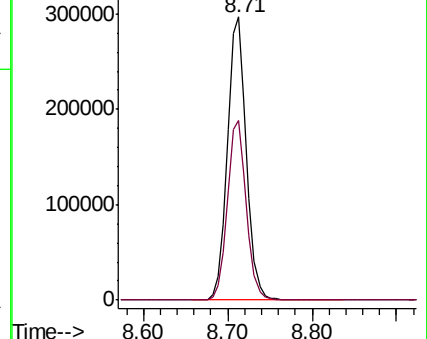
98 100

100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.826 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008459.D

Acq: 26 Mar 2019 17:09

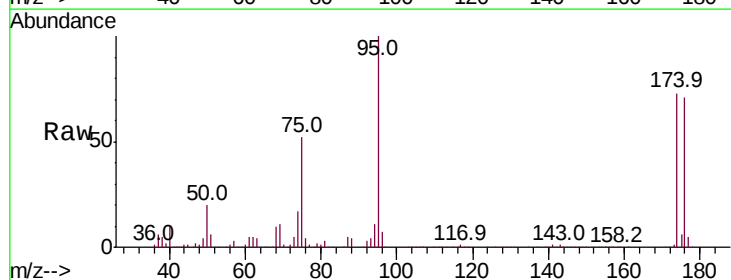
Tgt Ion: 95 Resp: 155301

Ion Ratio Lower Upper

95 100

174 74.3 0.0 147.2

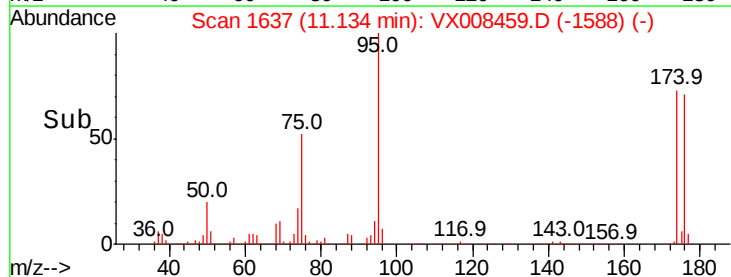
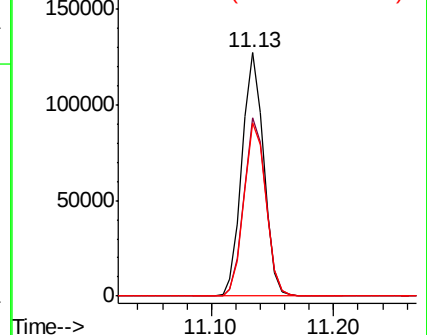
176 72.4 0.0 142.4

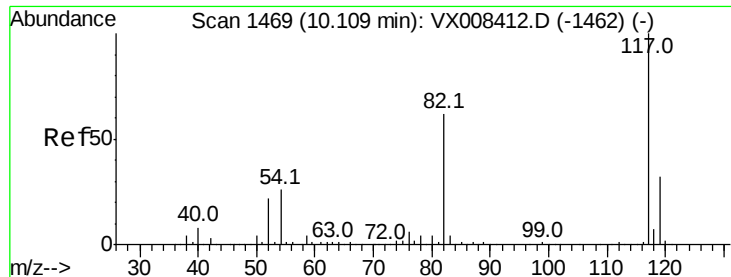


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

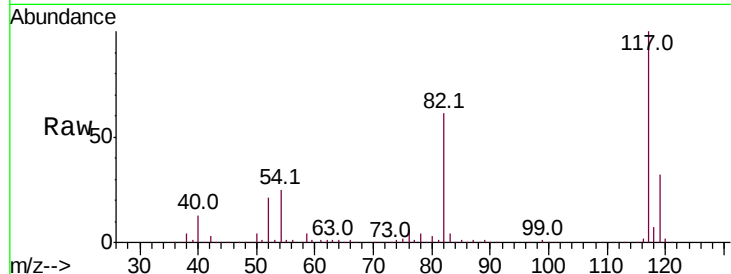




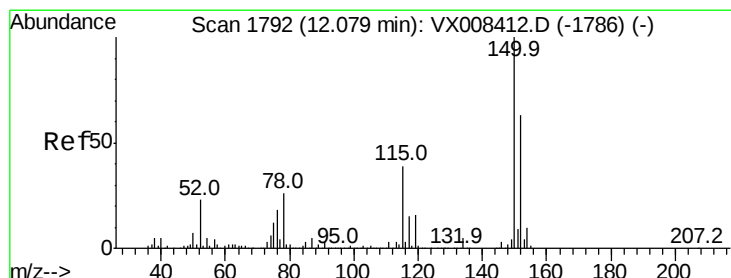
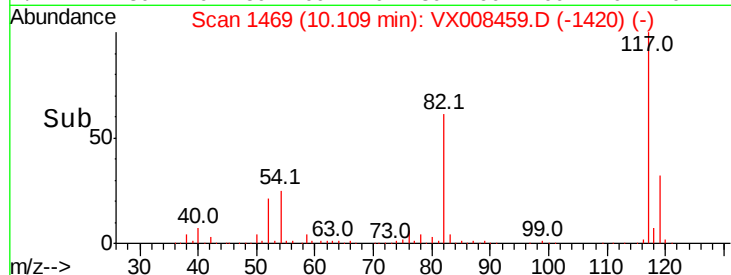
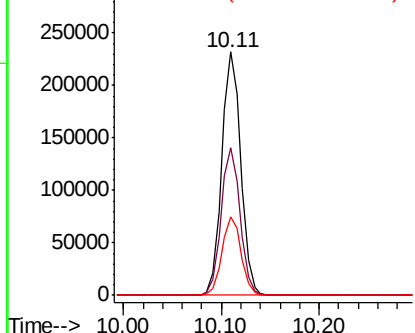
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008459.D
Acq: 26 Mar 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
I.BLK

Tot Ion:117 Resp: 312730
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.2
119 32.1 25.4 38.0

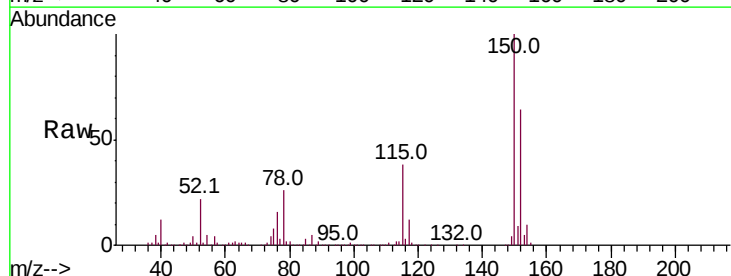


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008459.D
Acq: 26 Mar 2019 17:09

Tgt Ion:152 Resp: 131819
Ion Ratio Lower Upper
152 100
115 61.7 43.5 130.5
150 158.8 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

