

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008517.D
 Acq On : 28 Mar 2019 14:17
 Operator : JC/SP
 Sample : K2124-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP-PIT-1

Quant Time: Mar 29 02:15:43 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	5.67	168	231915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132907	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	162741	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	5.50	113	119627	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	8.71	98	487253	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	161008	42.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.84%	

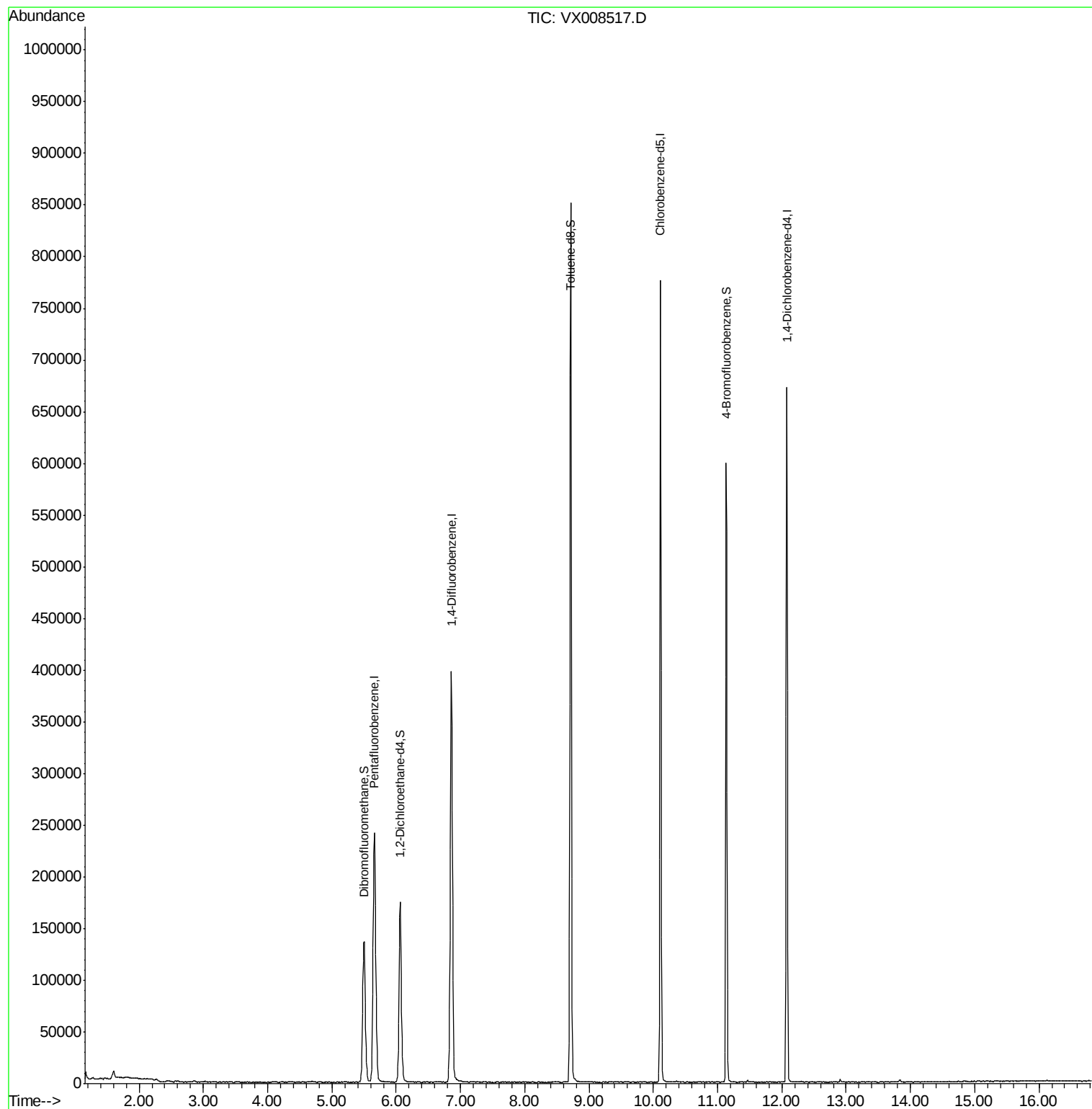
Target Compounds	Qvalue

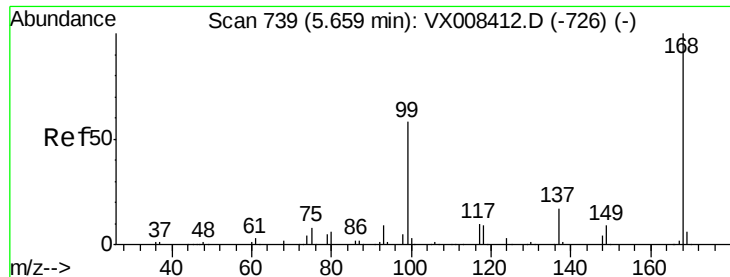
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008517.D

Acq: 28 Mar 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

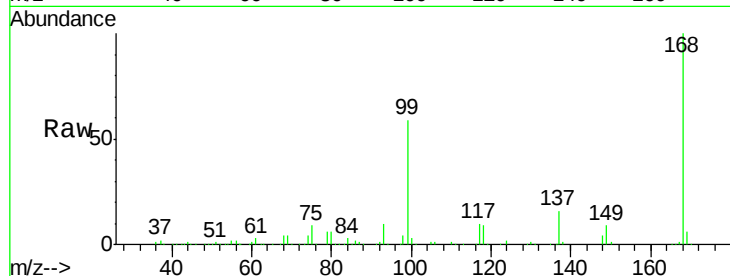
SUMP-PIT-1

Tot Ion:168 Resp: 231915

Ion Ratio Lower Upper

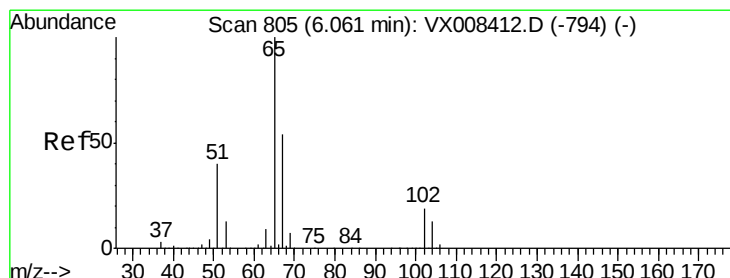
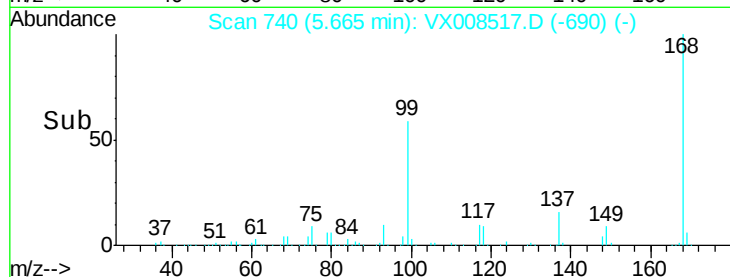
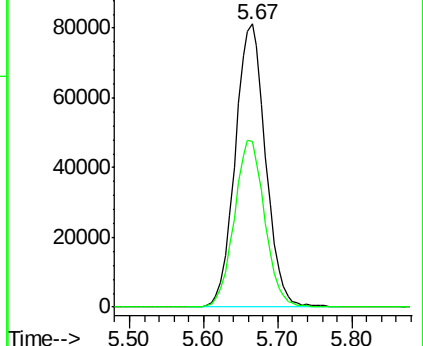
168 100

99 58.5 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: 46.287 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008517.D

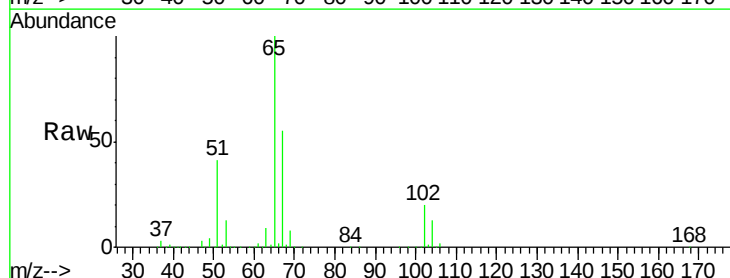
Acq: 28 Mar 2019 14:17

Tgt Ion: 65 Resp: 162741

Ion Ratio Lower Upper

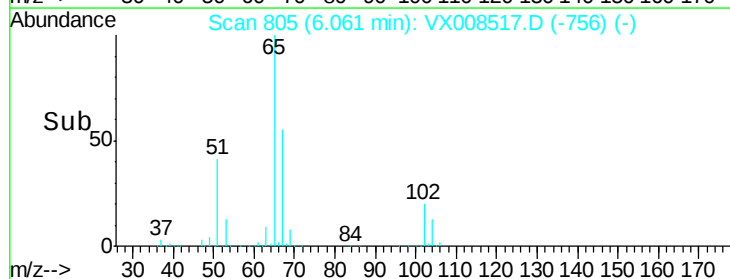
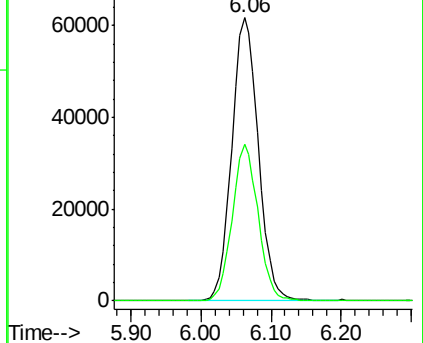
65 100

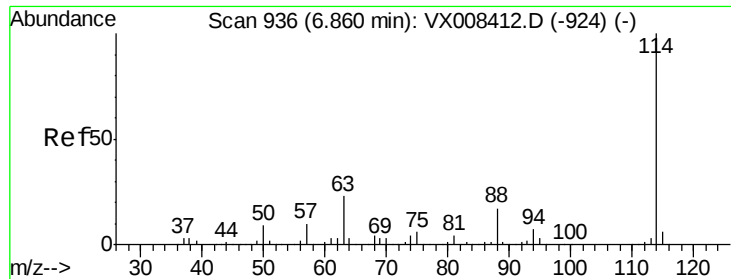
67 54.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

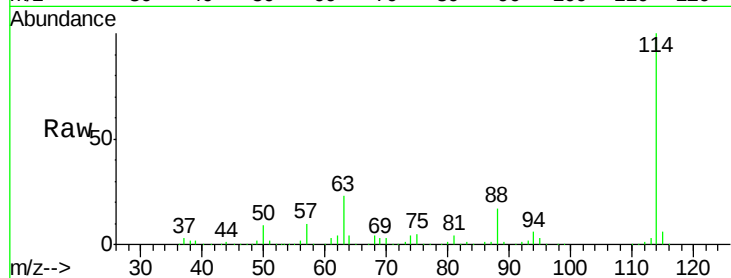




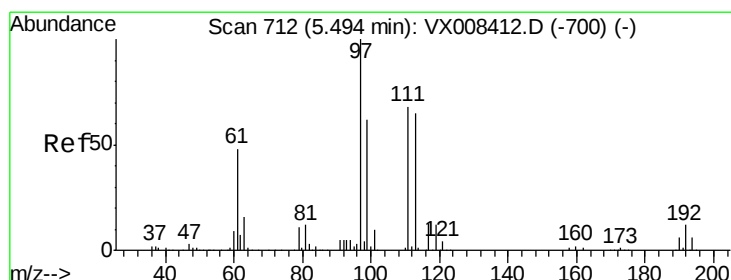
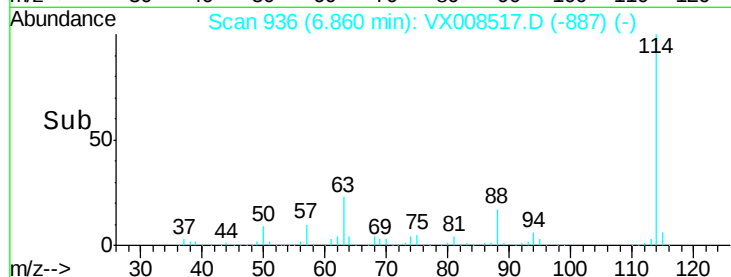
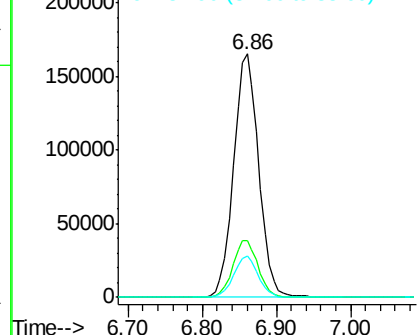
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008517.D
Acq: 28 Mar 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
SUMP-PIT-1

Tot Ion:114 Resp: 388236
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.4
88 17.0 0.0 33.2

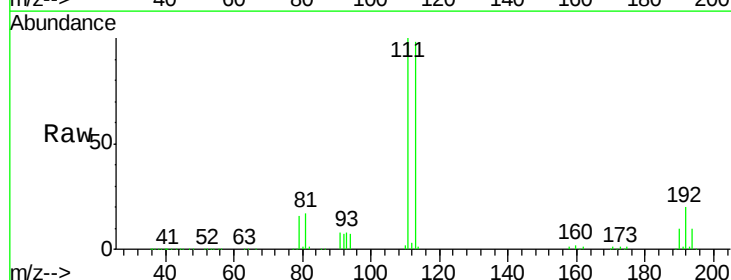


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

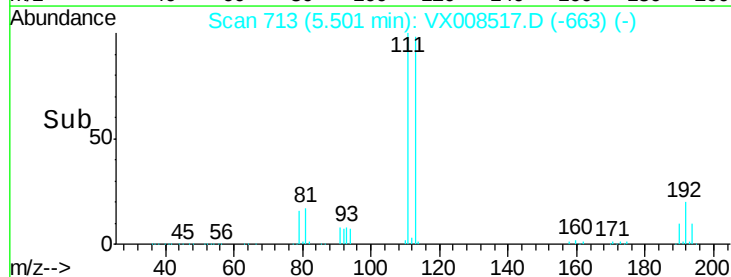
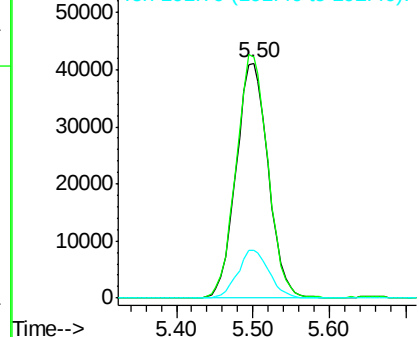


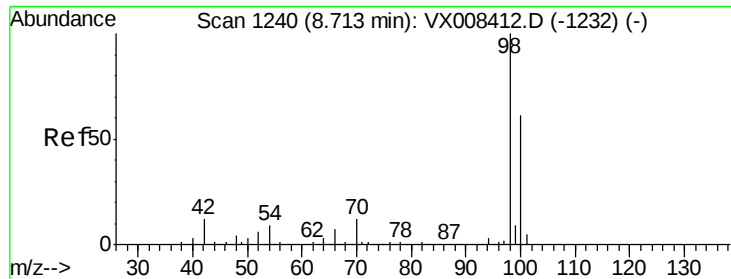
#35
Dibromofluoromethane
Concen: 47.256 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008517.D
Acq: 28 Mar 2019 14:17

Tgt Ion:113 Resp: 119627
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 20.0 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: 48.136 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008517.D

Acq: 28 Mar 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

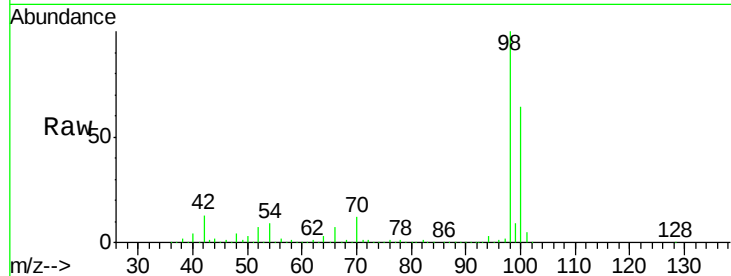
SUMP-PIT-1

Tot Ion: 98 Resp: 487253

Ion Ratio Lower Upper

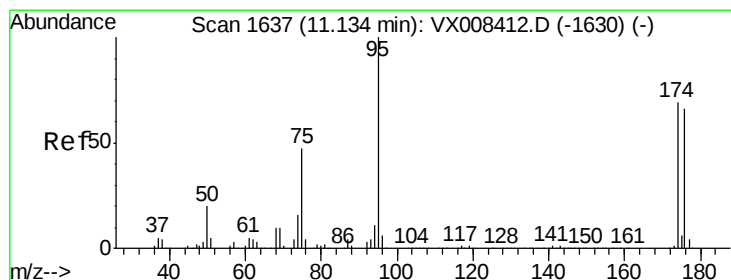
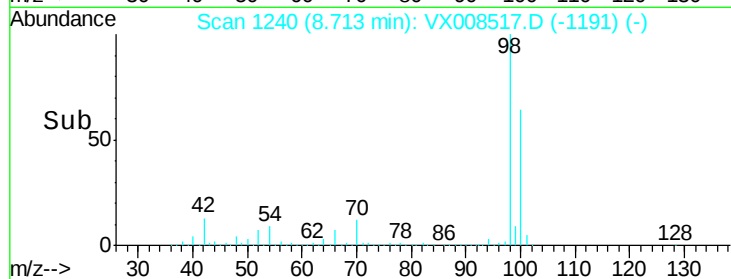
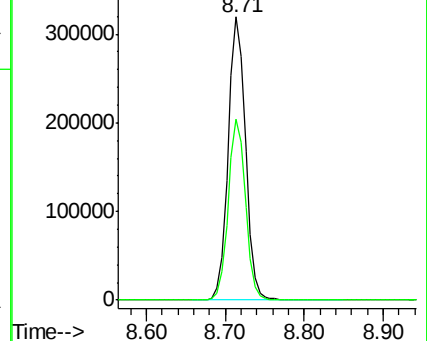
98 100

100 63.8 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: 42.924 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008517.D

Acq: 28 Mar 2019 14:17

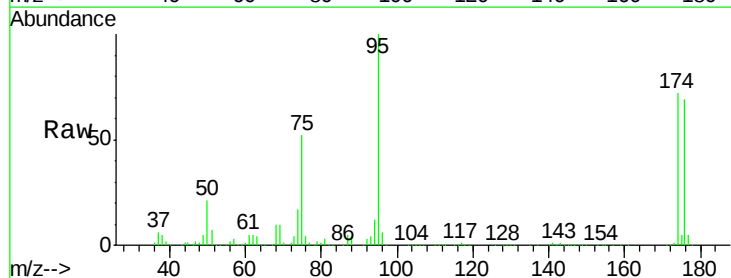
Tgt Ion: 95 Resp: 161008

Ion Ratio Lower Upper

95 100

174 75.2 0.0 147.2

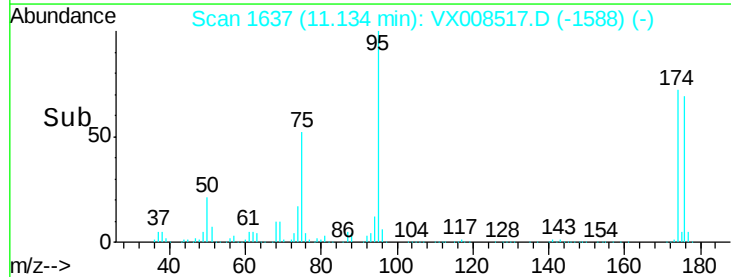
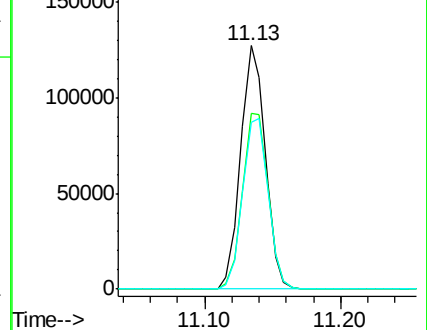
176 72.9 0.0 142.4

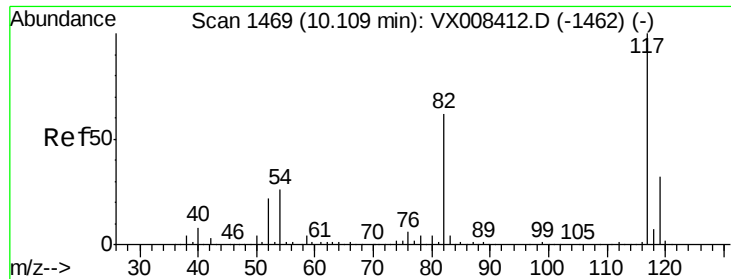


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

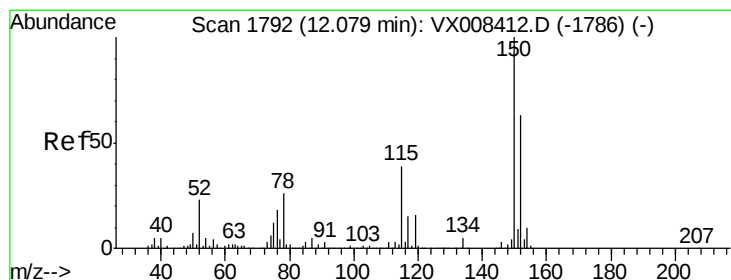
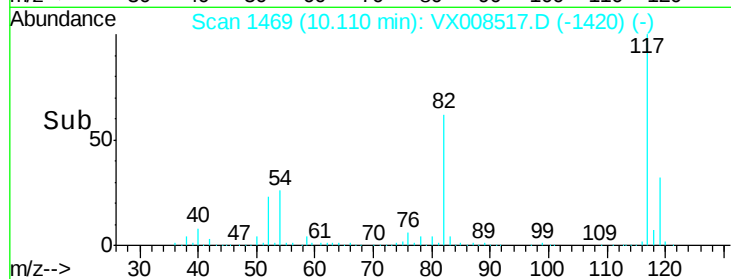
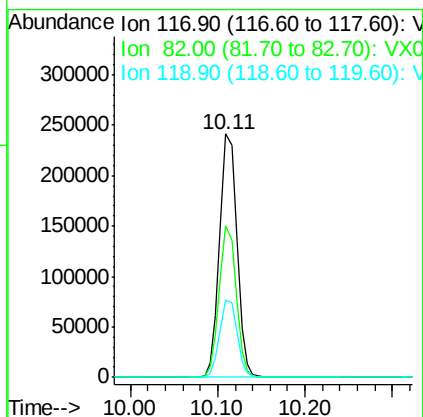
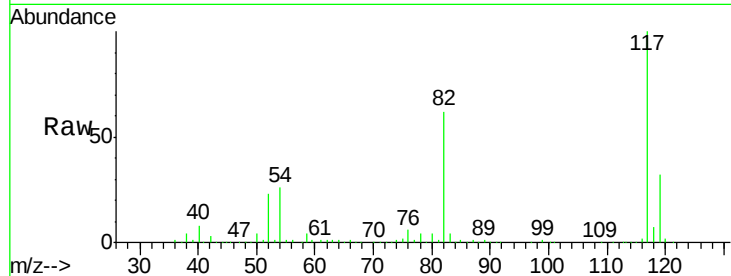




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008517.D
Acq: 28 Mar 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
SUMP-PIT-1

Tot Ion:117 Resp: 332589
Ion Ratio Lower Upper
117 100
82 62.1 49.4 74.2
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008517.D
Acq: 28 Mar 2019 14:17

Tgt Ion:152 Resp: 132907
Ion Ratio Lower Upper
152 100
115 62.1 43.5 130.5
150 157.3 0.0 348.8

