

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007942.D
 Acq On : 08 Mar 2019 20:28
 Operator : JC/SP
 Sample : K1815-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Mar 09 05:28:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	424955	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196346	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147579	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
35) Dibromofluoromethane	5.50	113	137642	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	8.71	98	515734	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	190323	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	

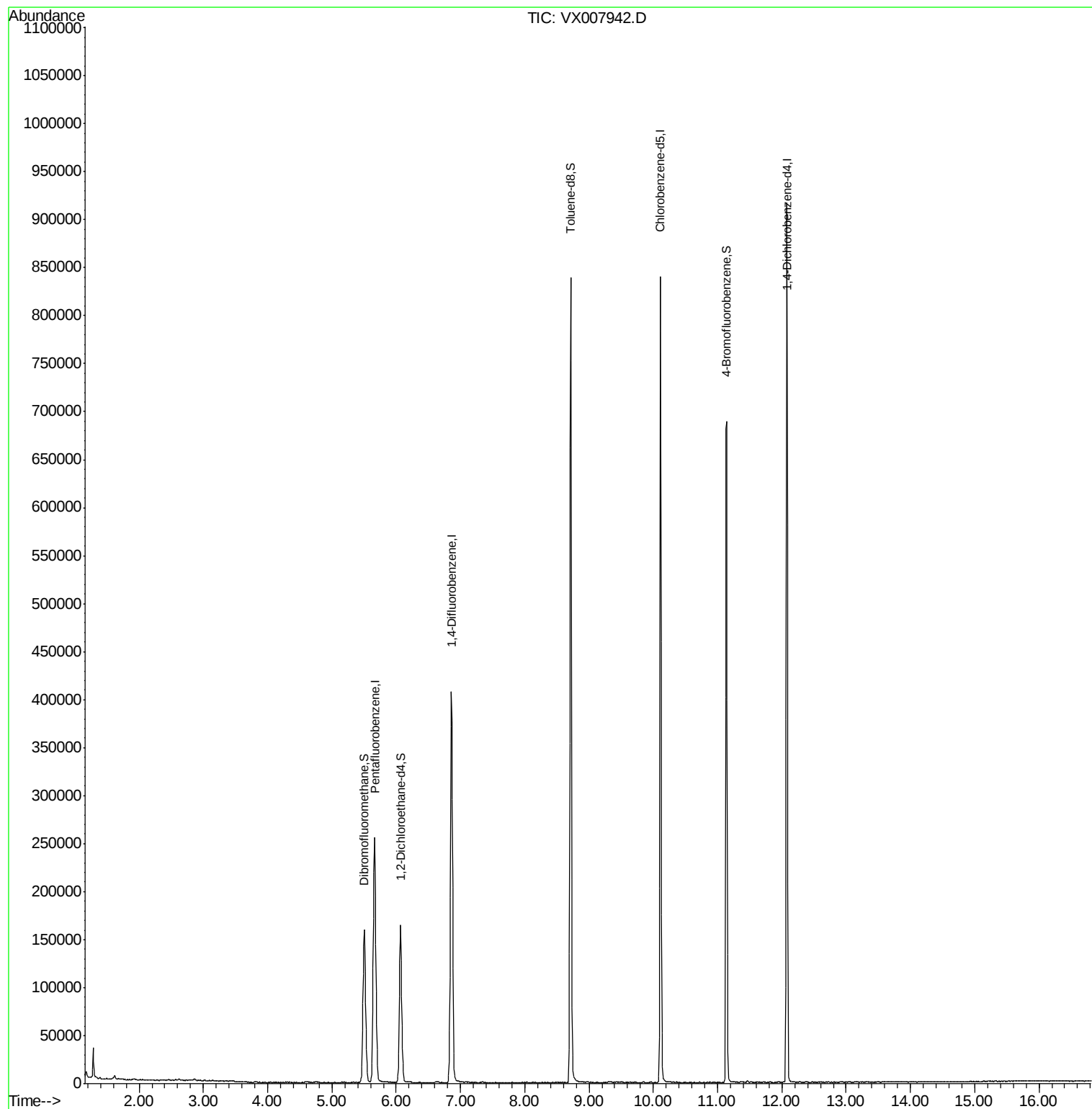
Target Compounds	Qvalue

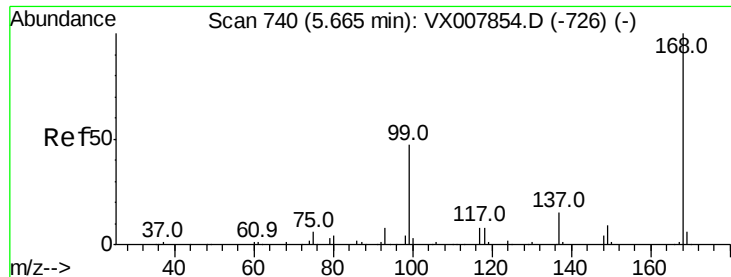
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

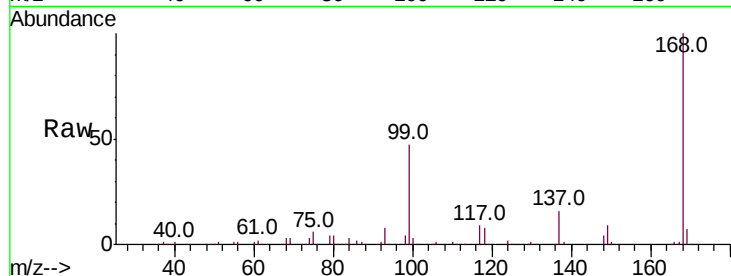
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 272704

Ion Ratio Lower Upper

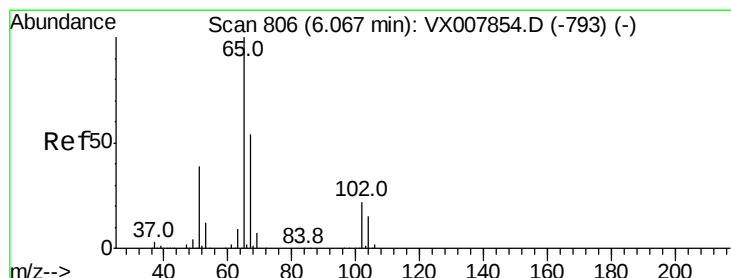
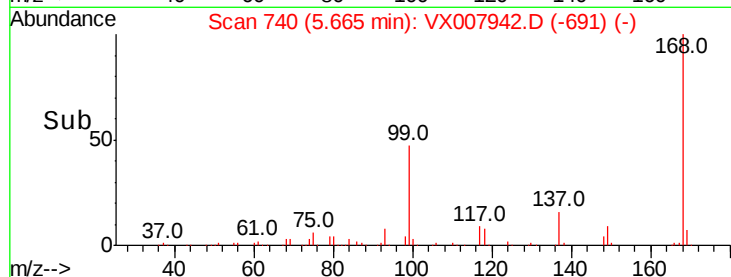
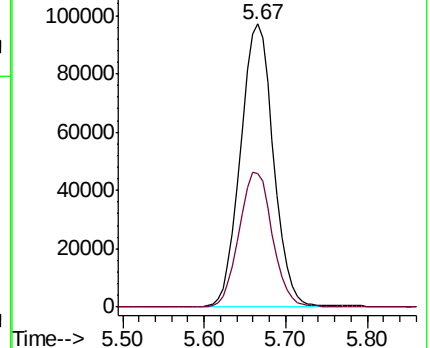
168 100

99 47.2 37.6 56.4



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: 51.300 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007942.D

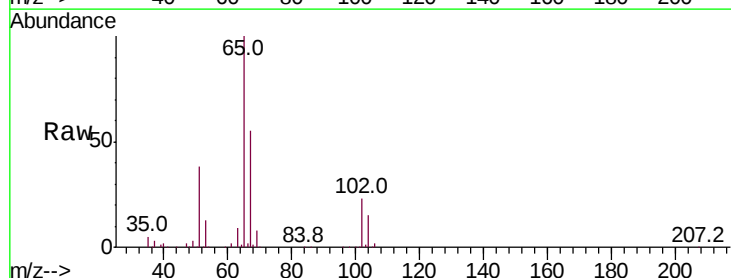
Acq: 08 Mar 2019 20:28

Tgt Ion: 65 Resp: 147579

Ion Ratio Lower Upper

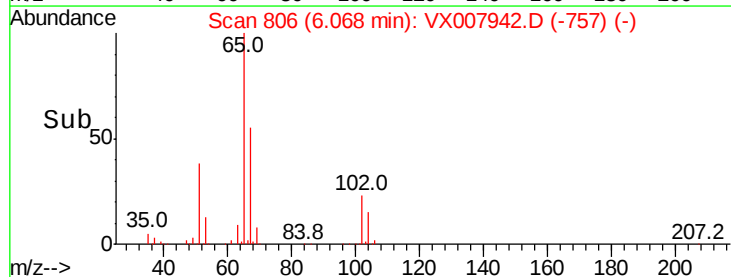
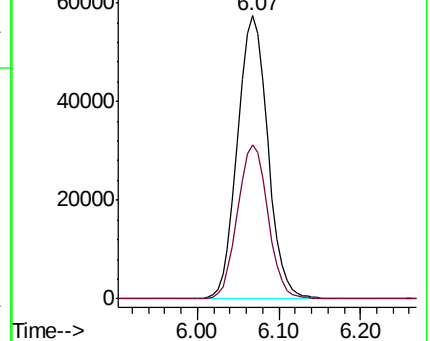
65 100

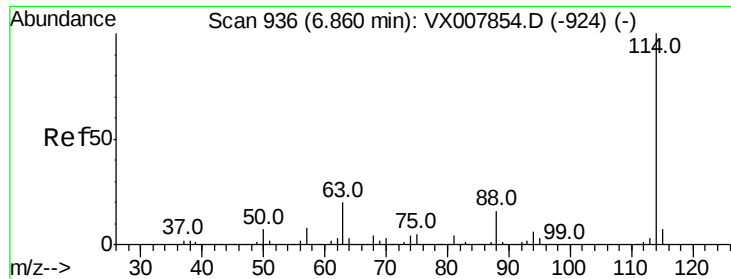
67 54.7 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

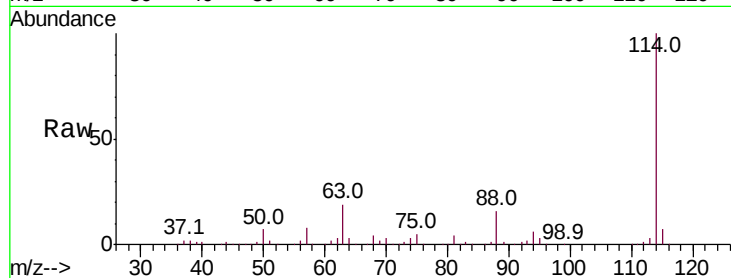




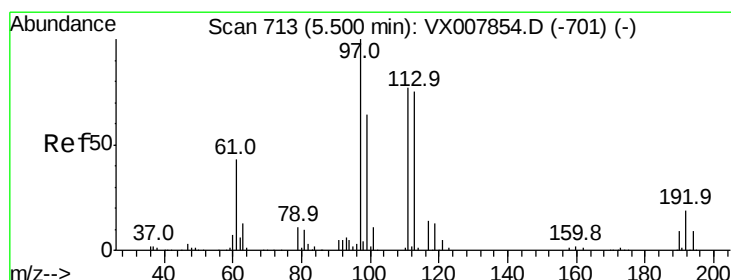
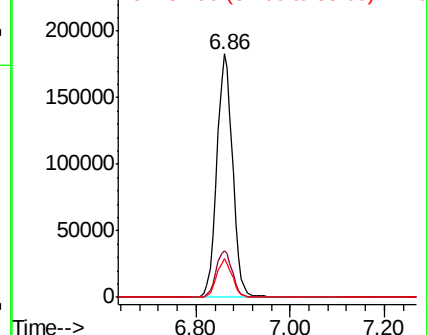
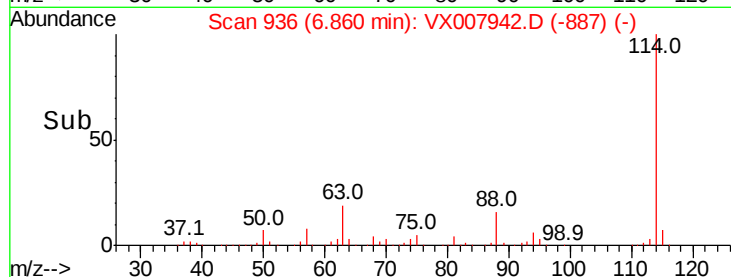
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007942.D
 Acq: 08 Mar 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.8
88	15.8	0.0	31.4

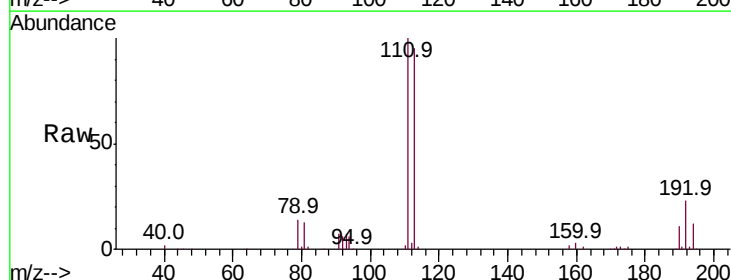


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

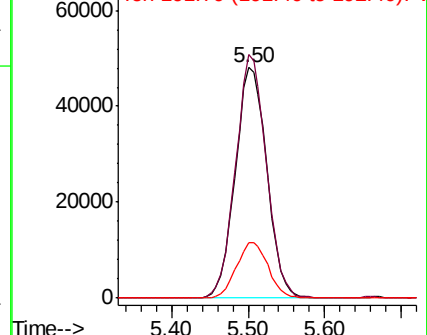
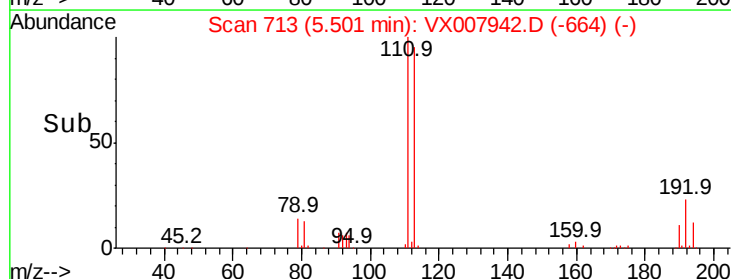


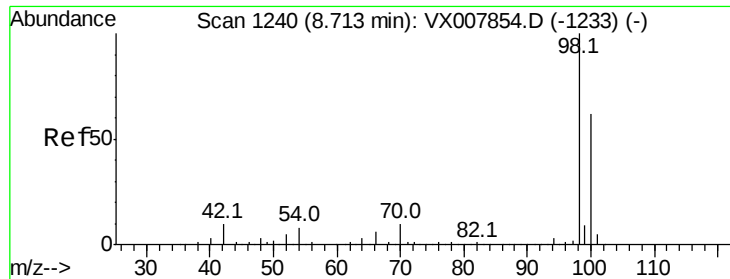
#35
 Dibromofluoromethane
 Concen: 50.635 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007942.D
 Acq: 08 Mar 2019 20:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	24.4	19.4	29.0



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: 51.661 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007942.D

Acq: 08 Mar 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

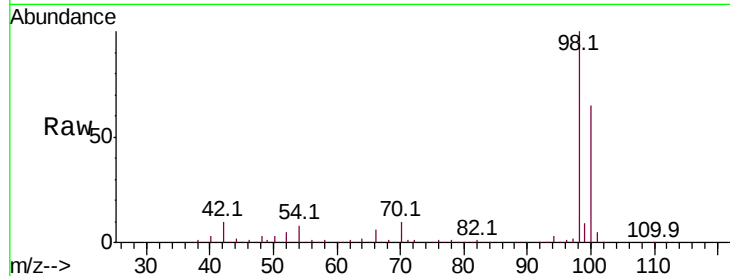
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 515734

Ion Ratio Lower Upper

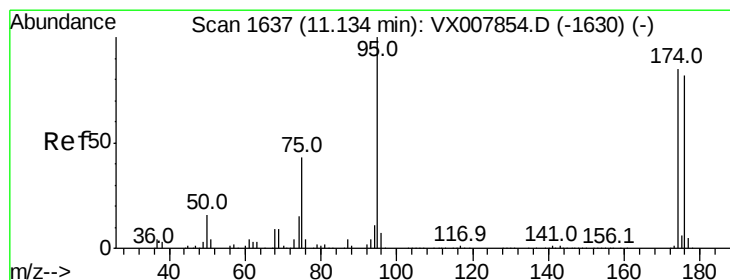
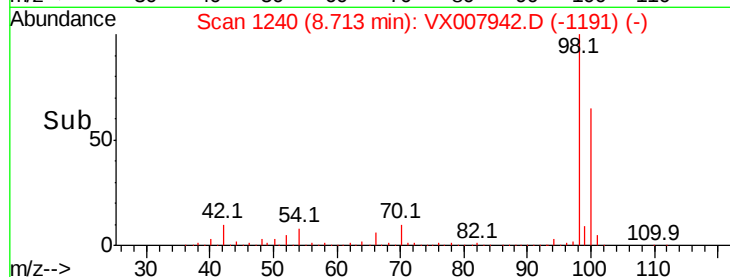
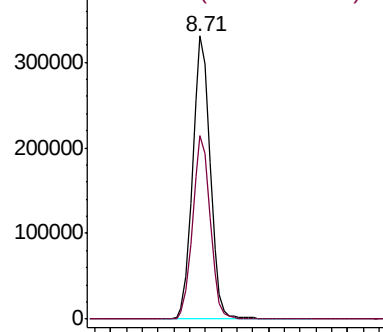
98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 54.377 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007942.D

Acq: 08 Mar 2019 20:28

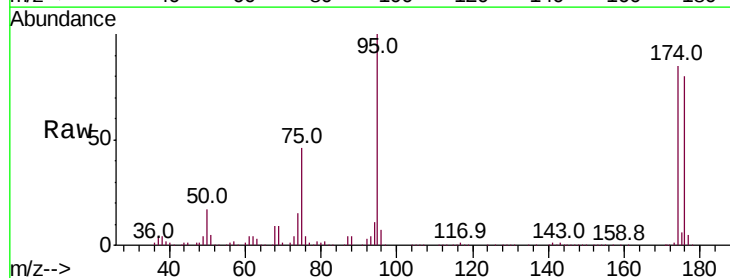
Tgt Ion: 95 Resp: 190323

Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.8

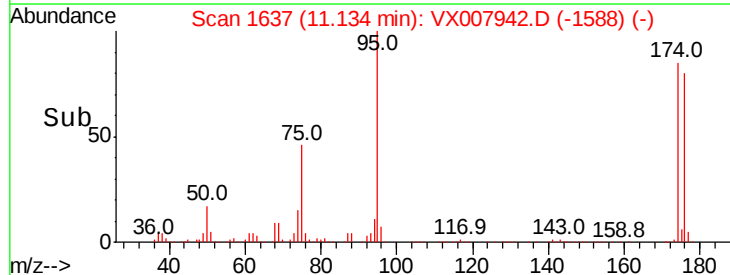
176 88.8 0.0 178.0



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



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

Abundance Ion 94.90 (94.60 to 95.60): VX0

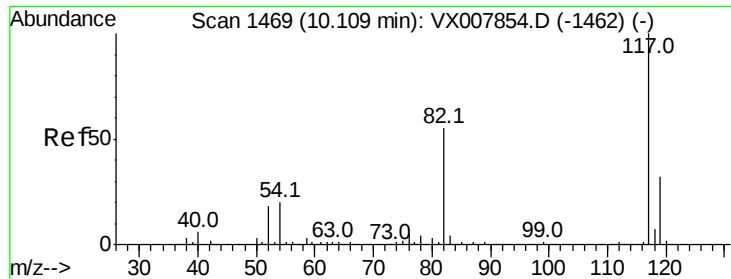
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

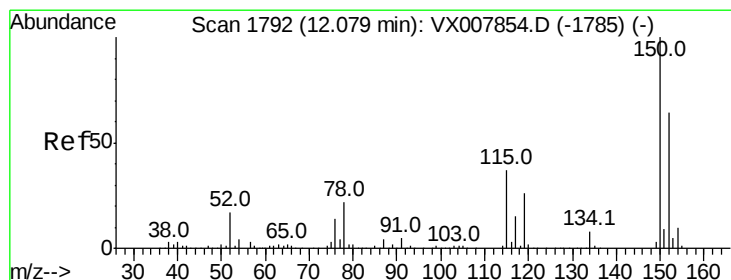
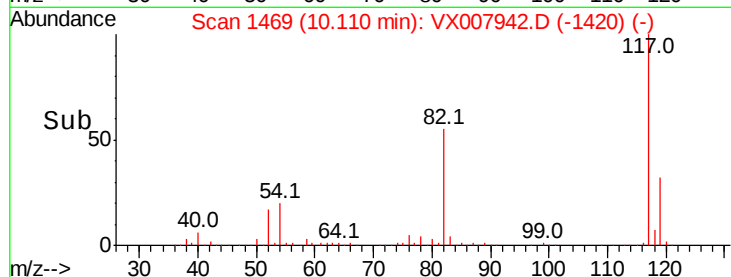
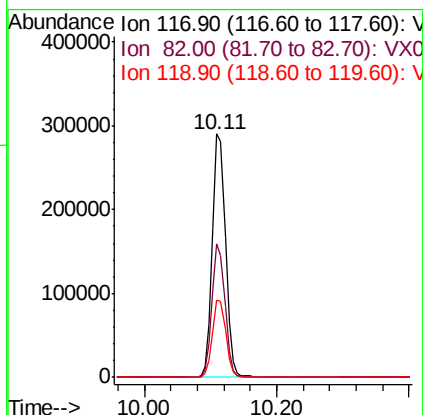
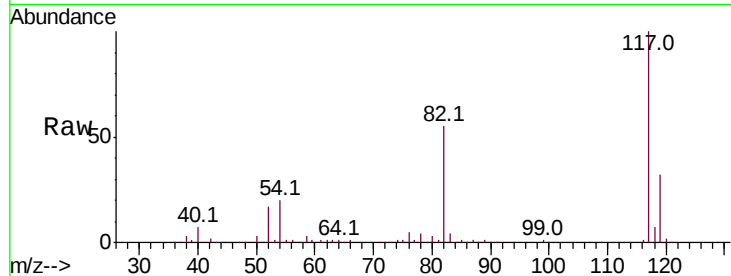
Ion 175.80 (175.50 to 176.50): V



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 402570
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007942.D
Acq: 08 Mar 2019 20:28

Tgt Ion:152 Resp: 196346
Ion Ratio Lower Upper
152 100
115 55.0 38.6 115.7
150 157.1 0.0 348.4

