

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007279.D
 Acq On : 29 Jan 2019 11:08
 Operator : JC/SP
 Sample : VX0129WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 01:17:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	531471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	819491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	754512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360948	50.00	ug/l	0.00

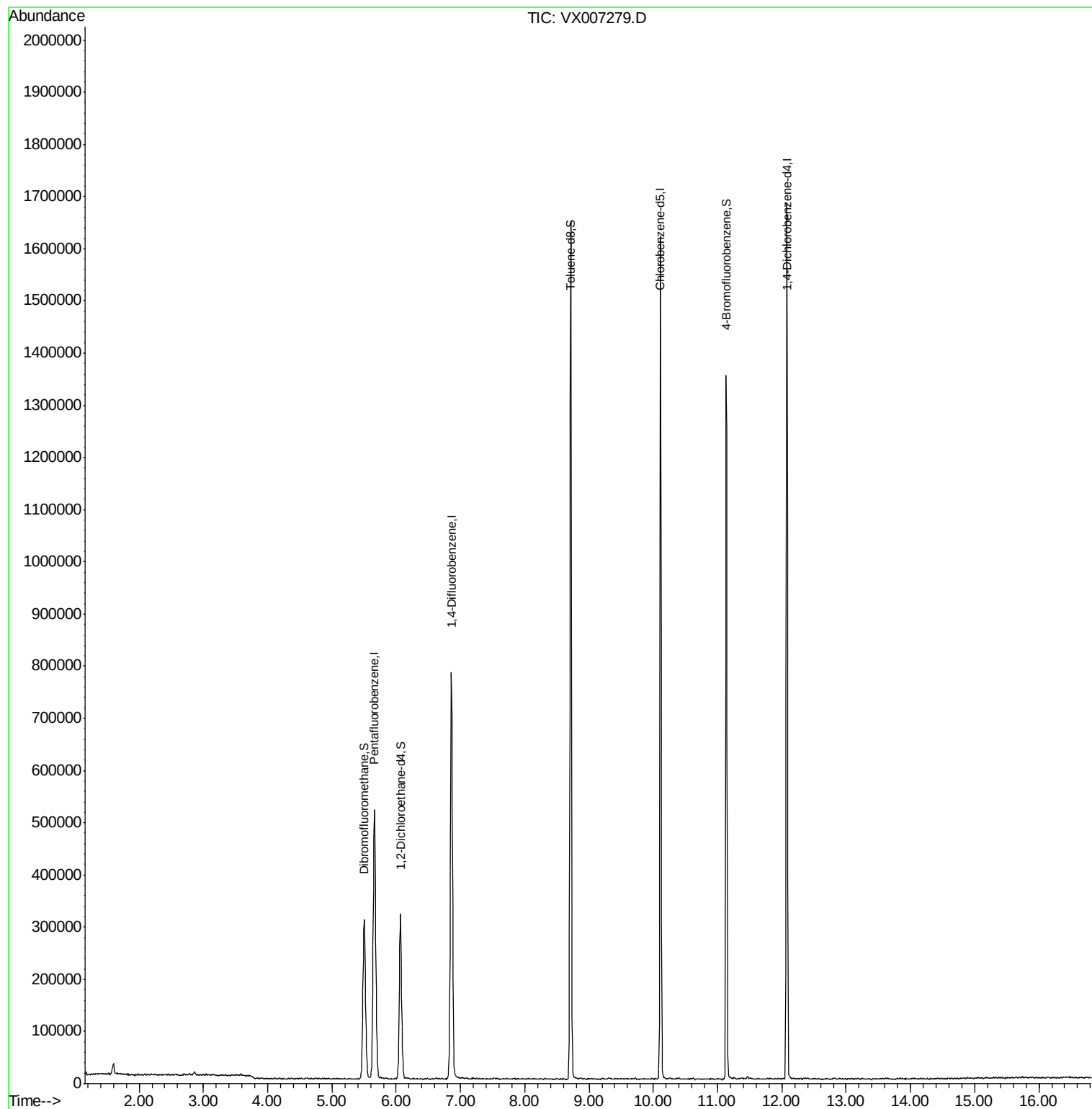
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	281058	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.50	113	256168	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.71	98	969307	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	338791	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

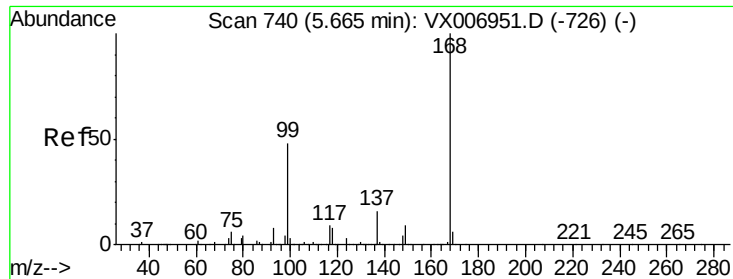
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007279.D

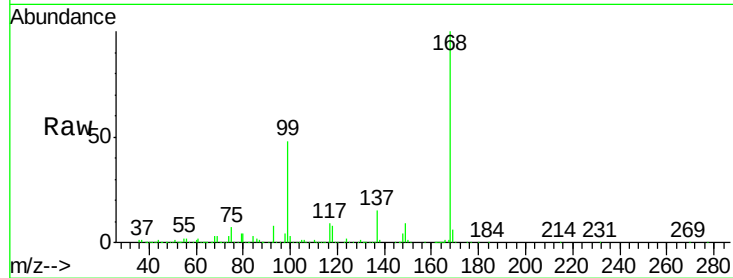
Acq: 29 Jan 2019 11:08

Tot Ion:168 Resp: 531471

Ion Ratio Lower Upper

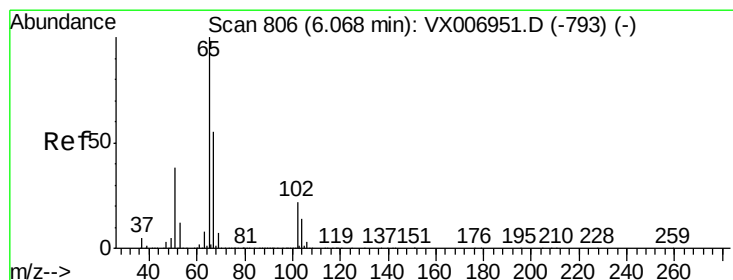
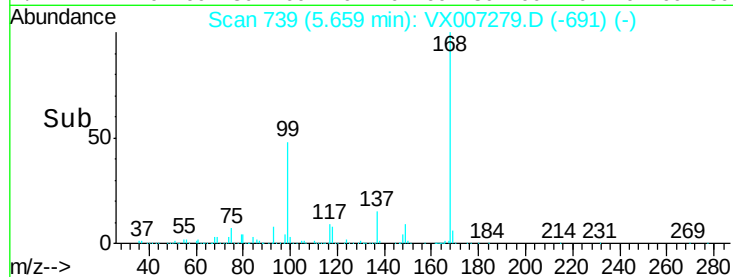
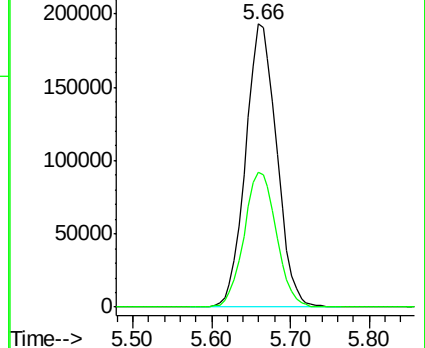
168 100

99 47.8 41.8 62.8



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: 50.602 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007279.D

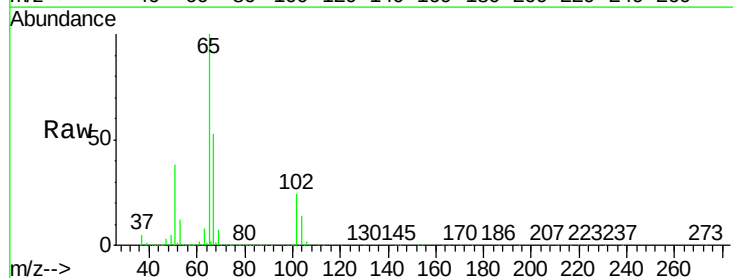
Acq: 29 Jan 2019 11:08

Tgt Ion: 65 Resp: 281058

Ion Ratio Lower Upper

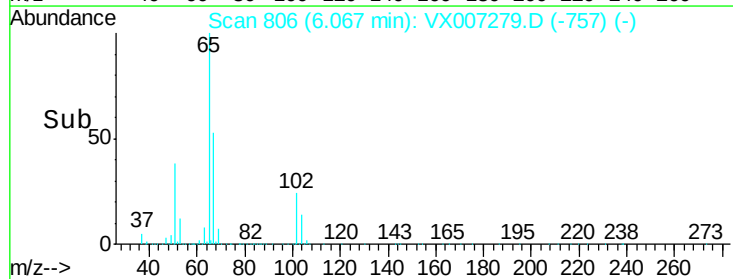
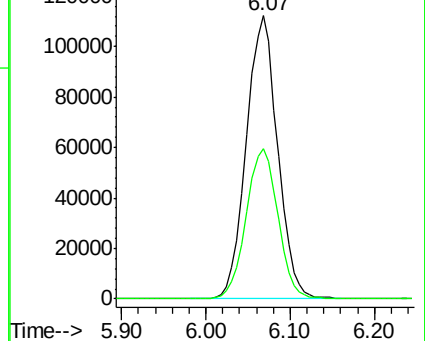
65 100

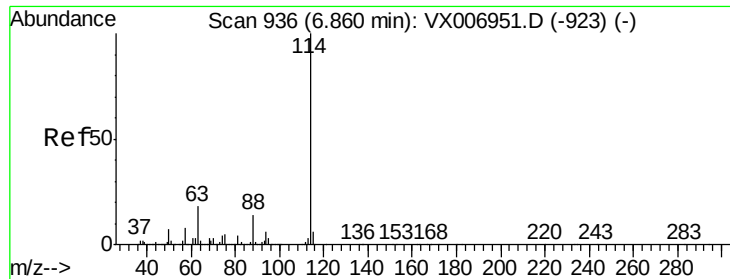
67 54.1 0.0 105.0



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: VX007279.D

Acq: 29 Jan 2019 11:08

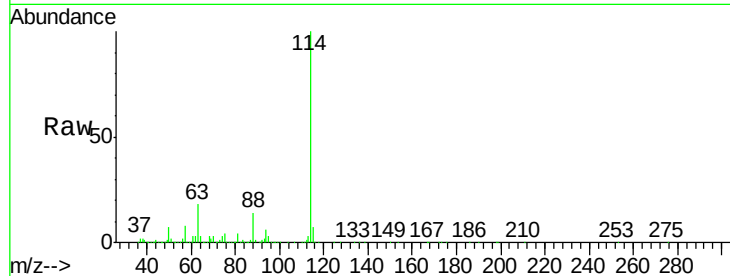
Tot Ion:114 Resp: 819491

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

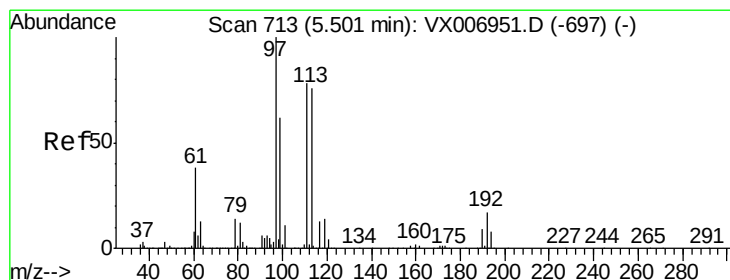
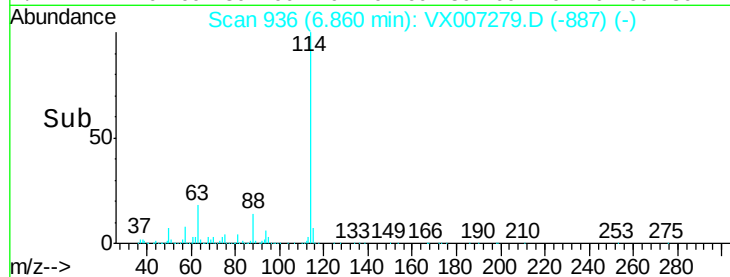
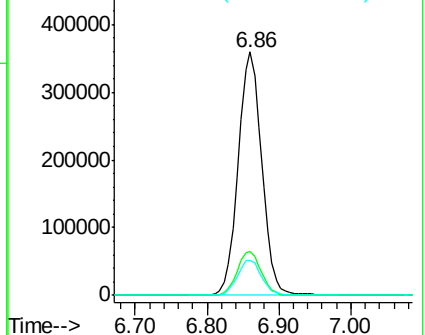
88 14.1 0.0 28.8



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: 48.813 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007279.D

Acq: 29 Jan 2019 11:08

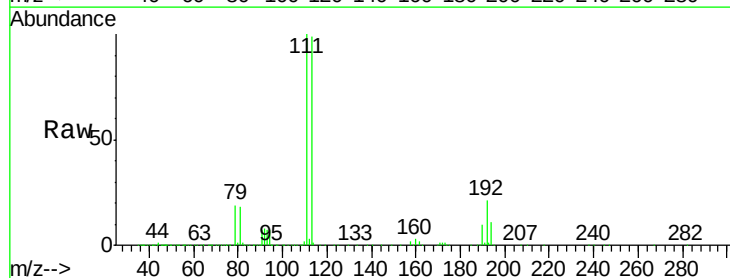
Tgt Ion:113 Resp: 256168

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

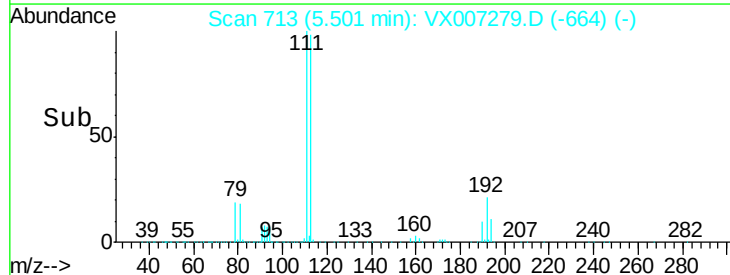
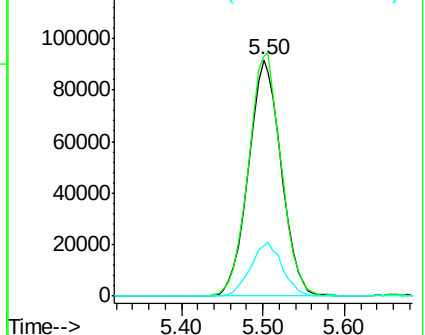
192 22.3 16.7 25.1

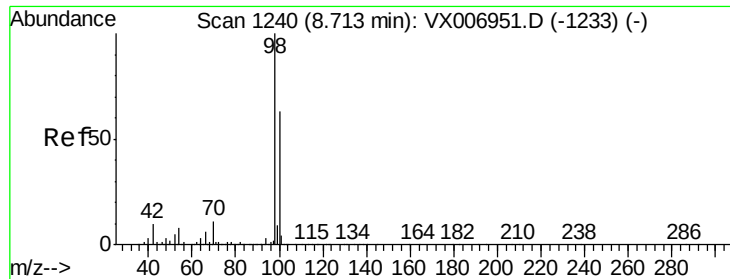


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.461 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007279.D

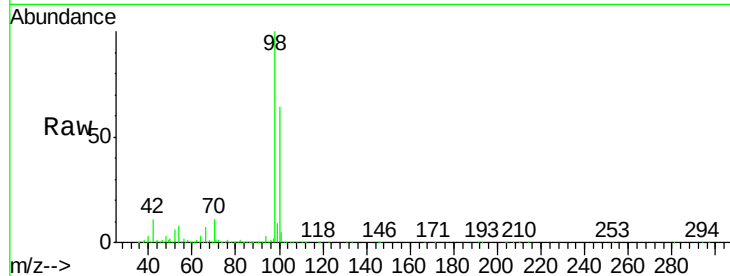
Acq: 29 Jan 2019 11:08

Tot Ion: 98 Resp: 969307

Ion Ratio Lower Upper

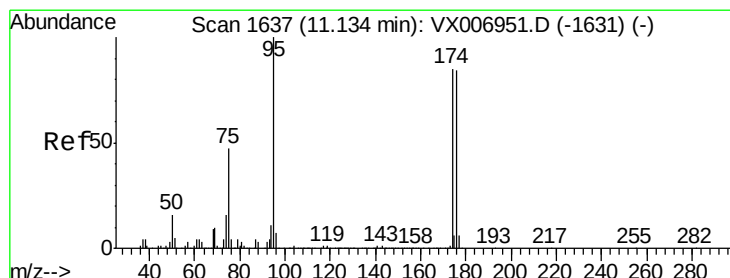
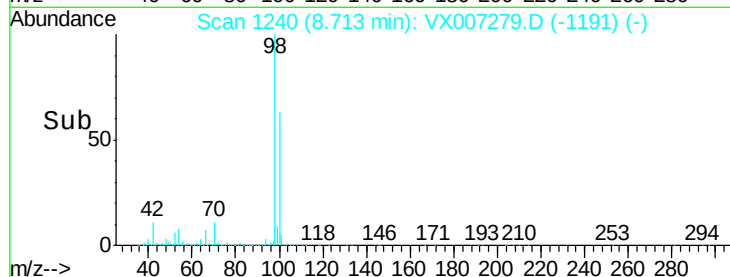
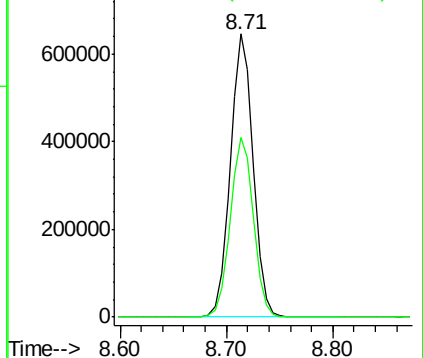
98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 50.590 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007279.D

Acq: 29 Jan 2019 11:08

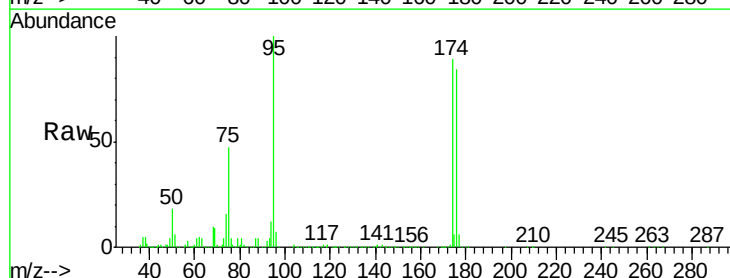
Tgt Ion: 95 Resp: 338791

Ion Ratio Lower Upper

95 100

174 93.3 0.0 182.2

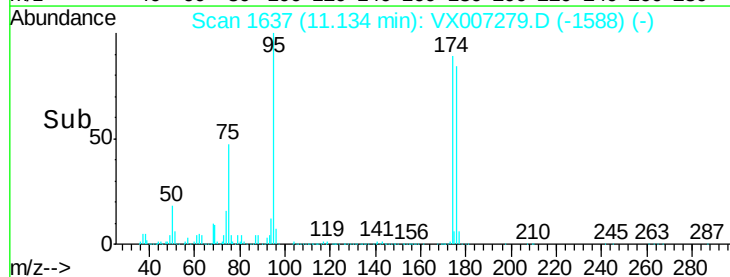
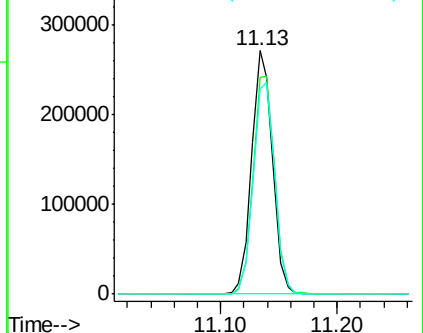
176 89.7 0.0 178.8

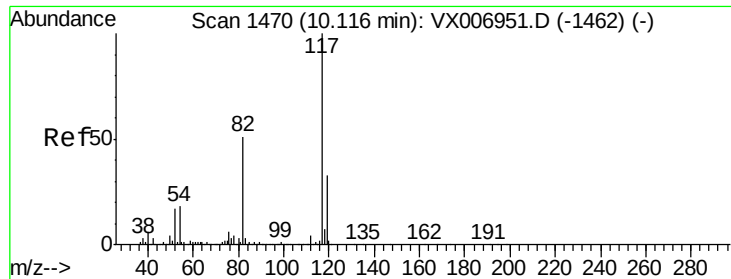


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

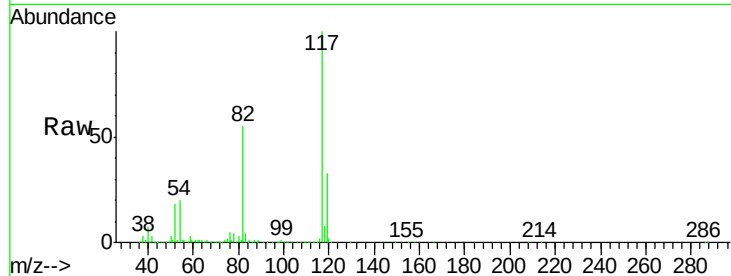
Ion 175.80 (175.50 to 176.50): V



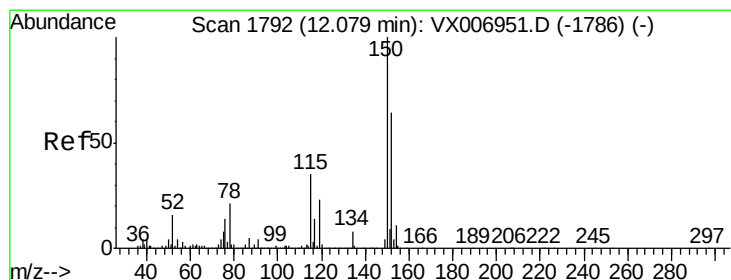
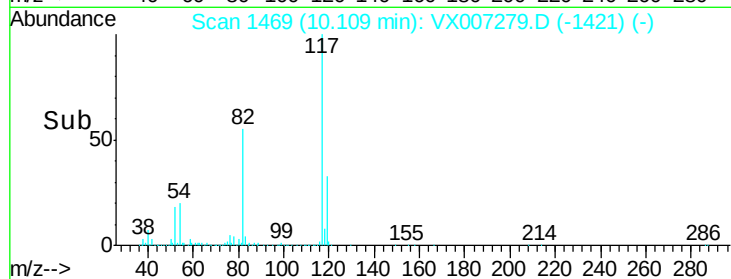
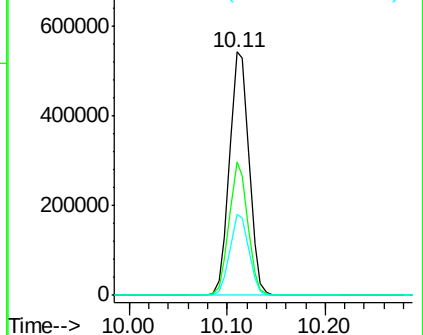


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007279.D
Acq: 29 Jan 2019 11:08

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.0	61.6
119	33.5	25.4	38.0

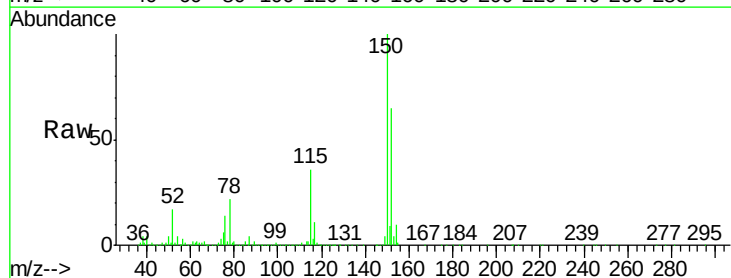


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007279.D
Acq: 29 Jan 2019 11:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	39.1	117.2
150	156.9	0.0	344.8



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

