

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\
 Data File : VX007156.D
 Acq On : 21 Jan 2019 14:03
 Operator : JC/SP
 Sample : K1198-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW517-3337

Quant Time: Jan 25 03:37:46 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

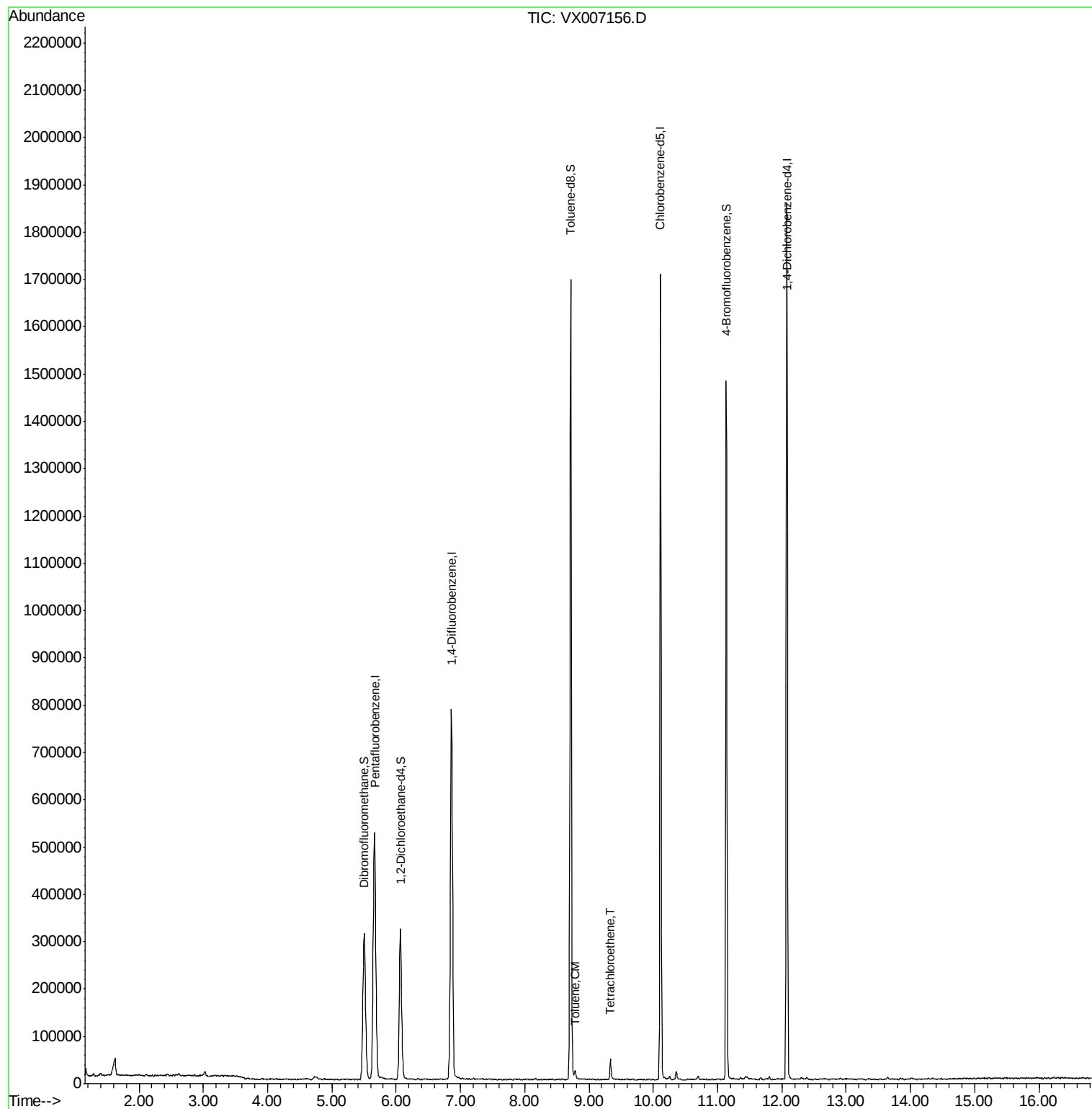
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	544397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	842742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	799911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	296052	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	5.50	113	263177	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	8.71	98	1019301	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.13	95	367441	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
Target Compounds						
52) Toluene	8.79	92	5953	0.414	ug/l	94
64) Tetrachloroethene	9.34	164	8425	1.217	ug/l	91

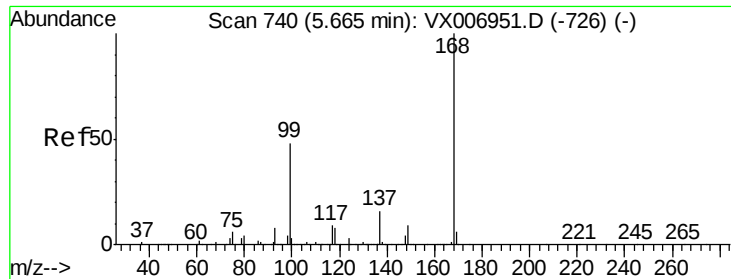
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007156.D

Acq: 21 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

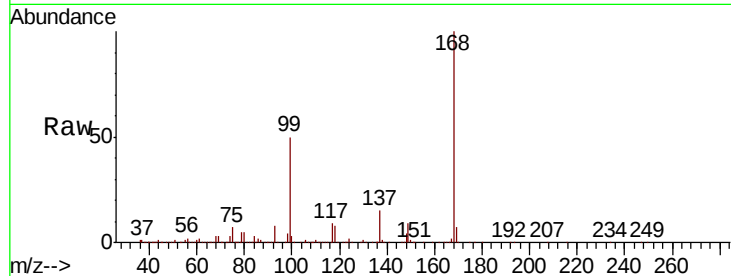
SA-TW517-3337

Tot Ion:168 Resp: 544397

Ion Ratio Lower Upper

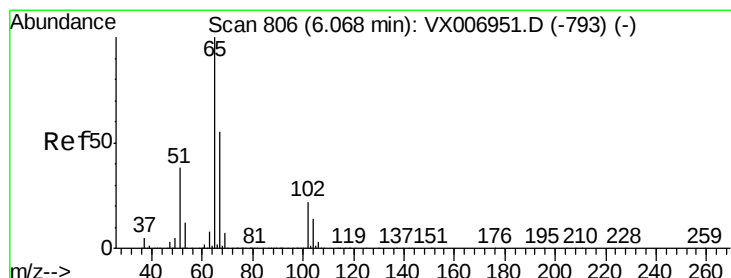
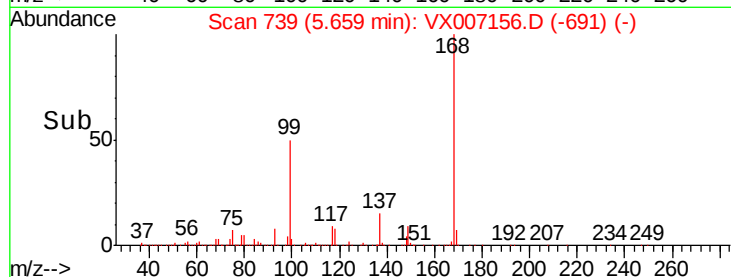
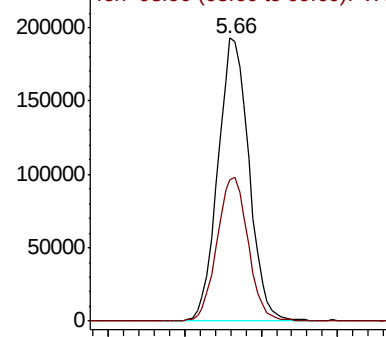
168 100

99 50.1 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: 52.036 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007156.D

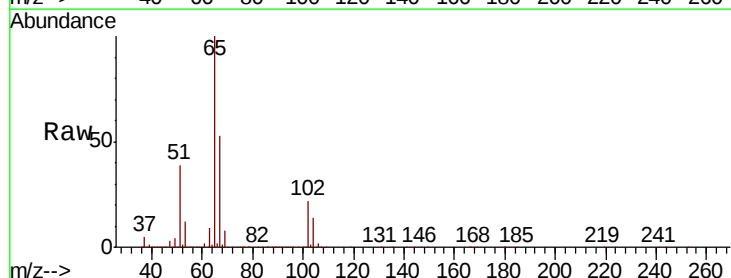
Acq: 21 Jan 2019 14:03

Tgt Ion: 65 Resp: 296052

Ion Ratio Lower Upper

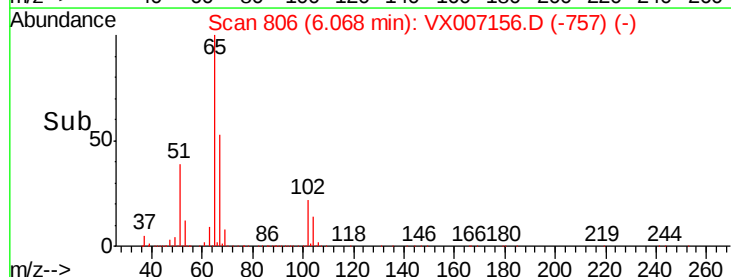
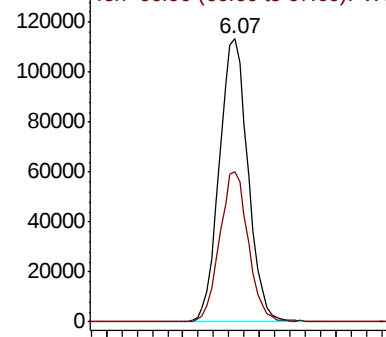
65 100

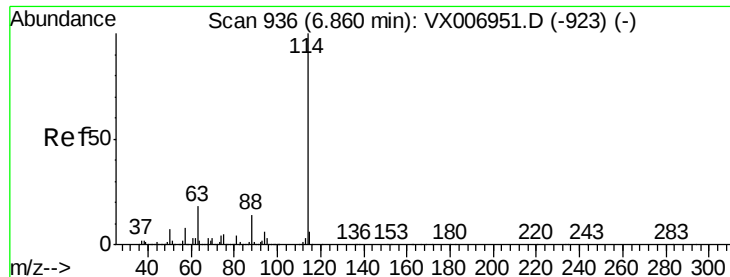
67 52.9 0.0 105.0



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: VX007156.D

Acq: 21 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SA-TW517-3337

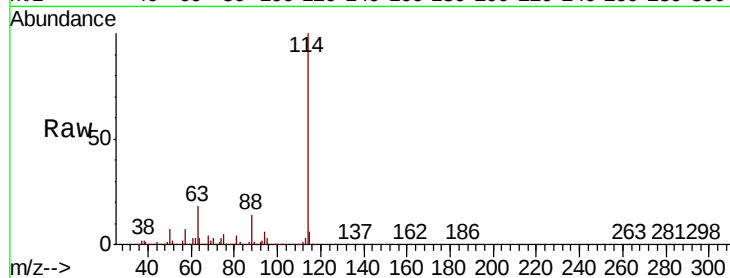
Tot Ion:114 Resp: 842742

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

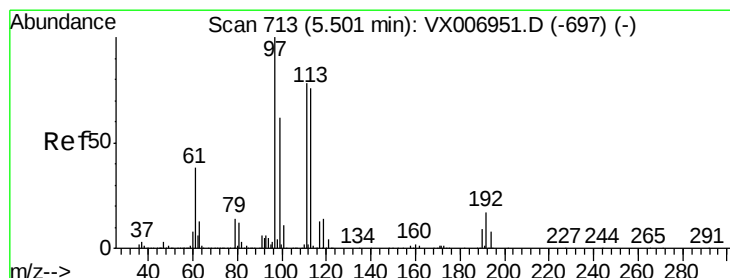
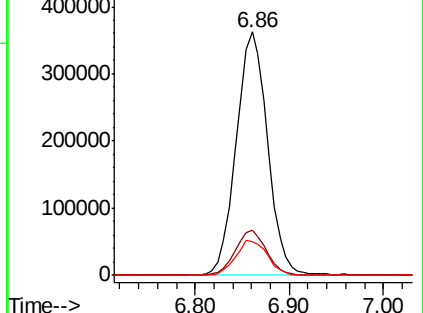
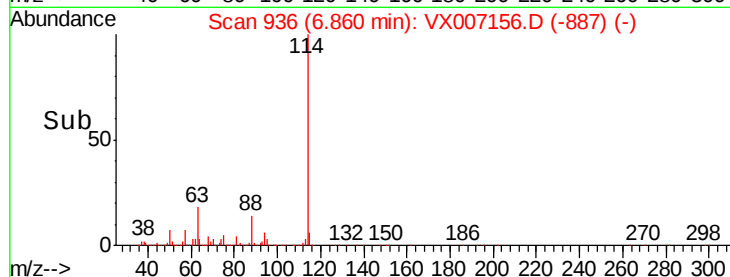
88 14.0 0.0 28.8



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: 48.765 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007156.D

Acq: 21 Jan 2019 14:03

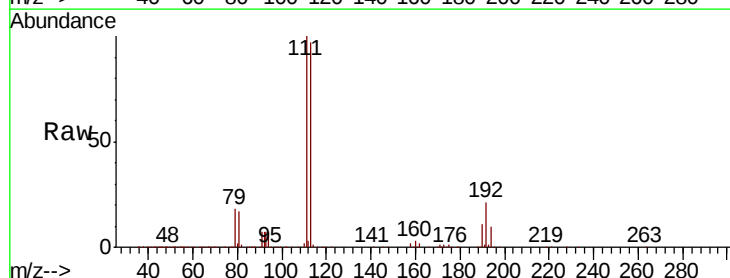
Tgt Ion:113 Resp: 263177

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

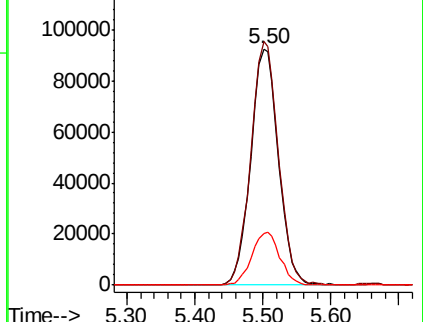
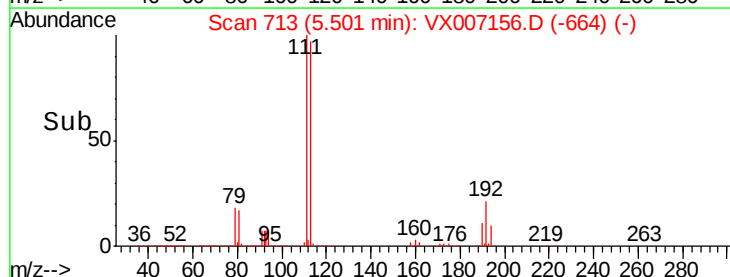
192 22.7 16.7 25.1

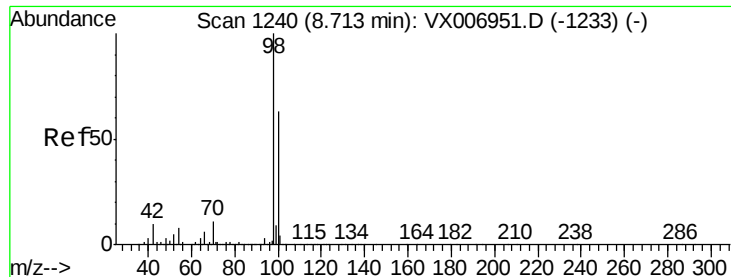


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.599 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007156.D

Acq: 21 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

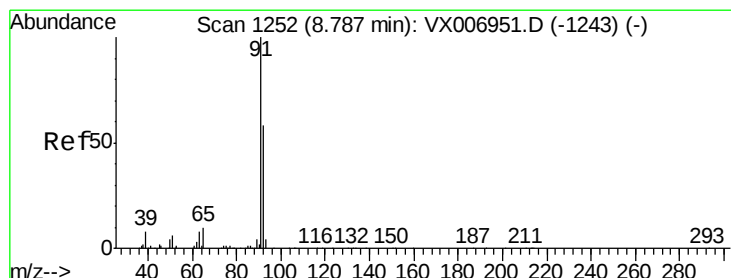
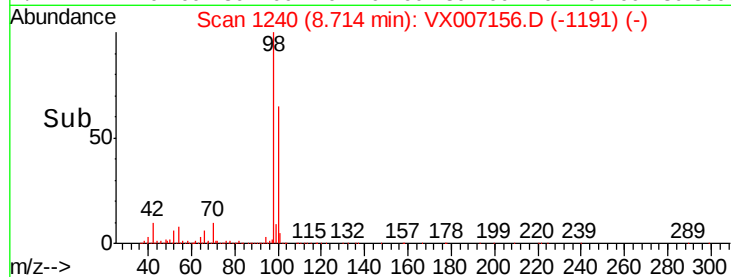
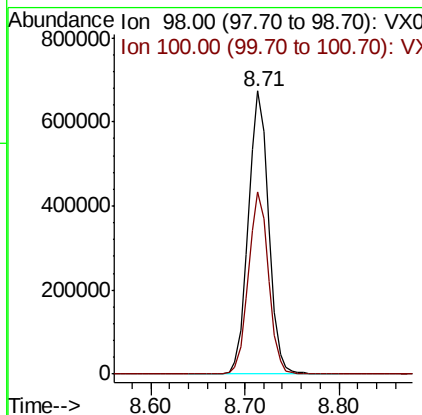
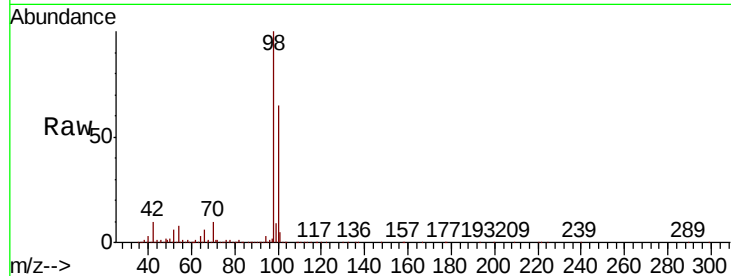
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Tot Ion: 98 Resp: 1019301

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#52

Toluene

Concen: 0.414 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007156.D

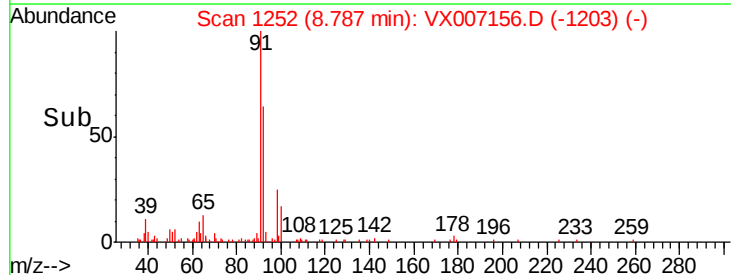
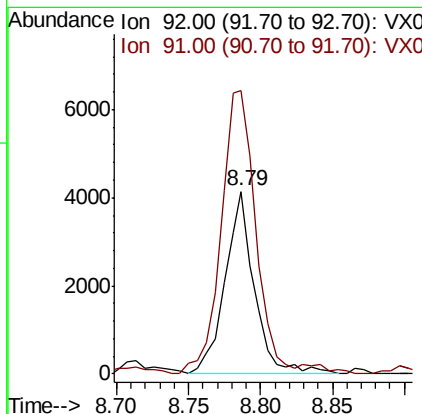
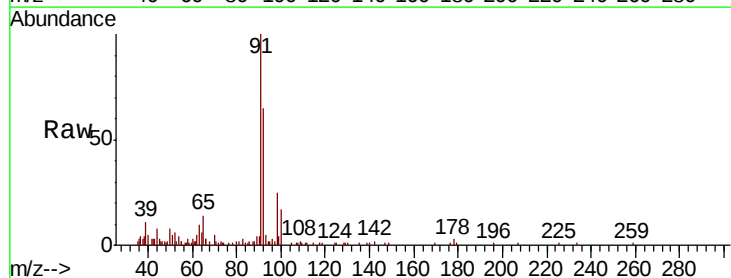
Acq: 21 Jan 2019 14:03

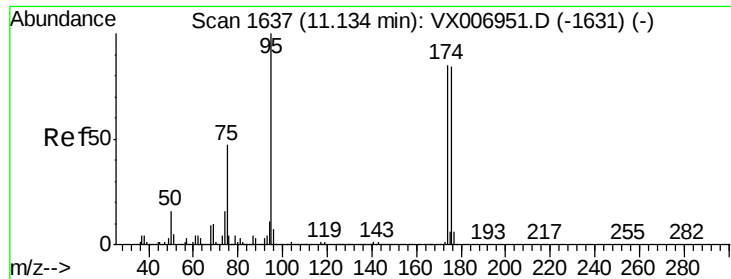
Tgt Ion: 92 Resp: 5953

Ion Ratio Lower Upper

92 100

91 180.4 137.6 206.4

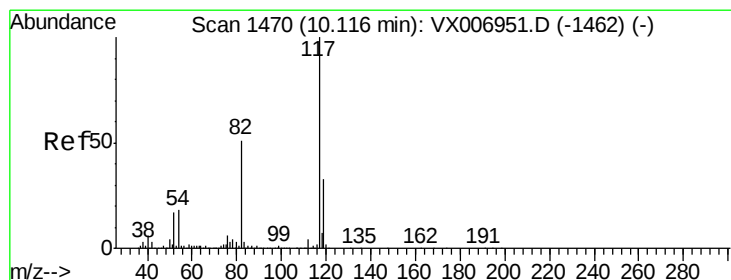
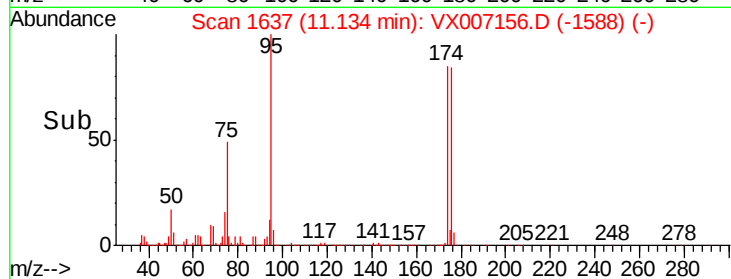
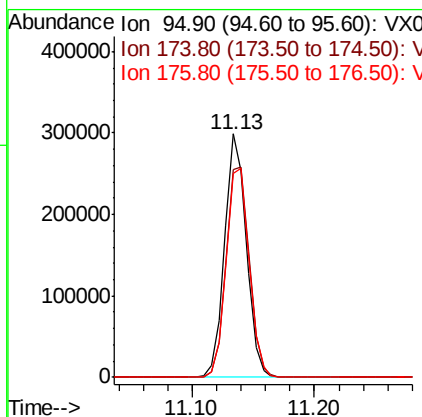
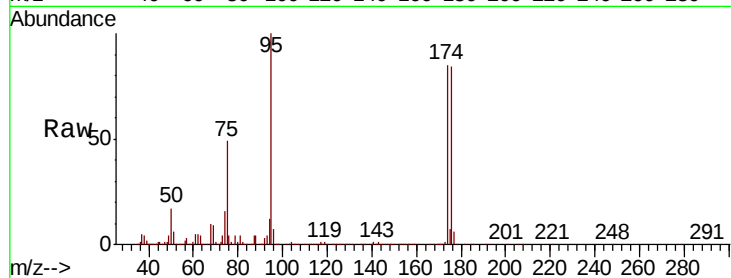




#62
4-Bromofluorobenzene
Concen: 53.354 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007156.D
Acq: 21 Jan 2019 14:03

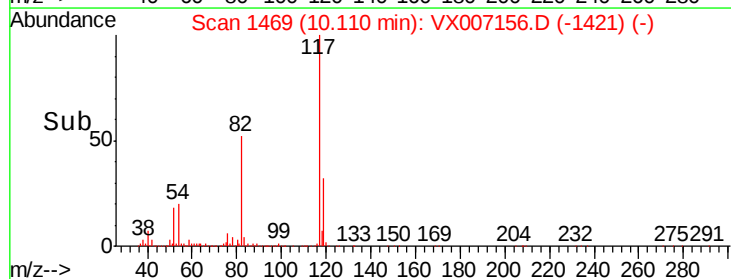
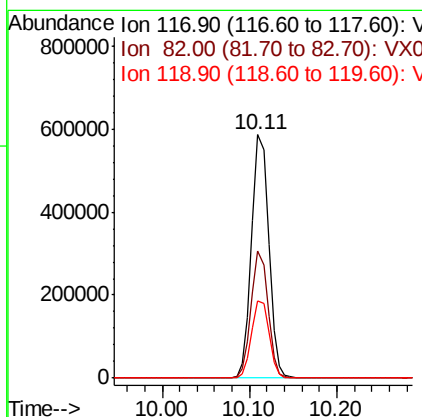
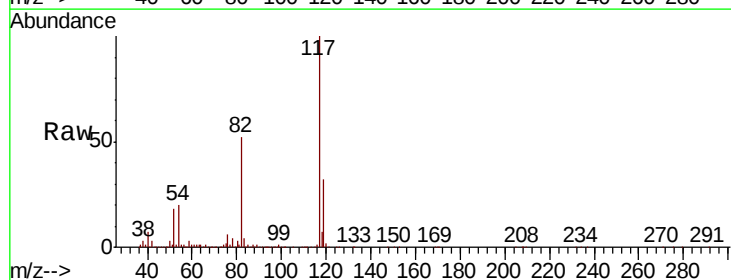
Instrument :
MSVOA_X
ClientSampleId :
SA-TW517-3337

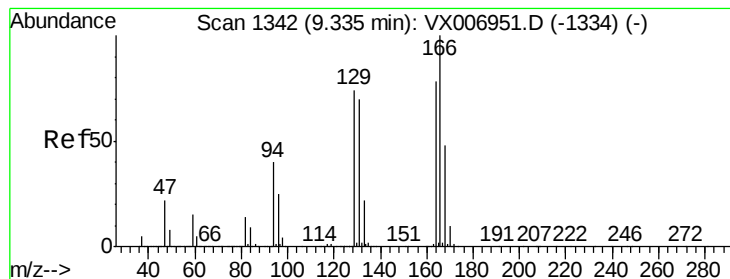
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	182.2
176	90.6	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007156.D
Acq: 21 Jan 2019 14:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.0	61.6
119	31.7	25.4	38.0





#64

Tetrachloroethene

Concen: 1.217 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007156.D

Acq: 21 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SA-TW517-3337

Tot Ion:164 Resp: 8425

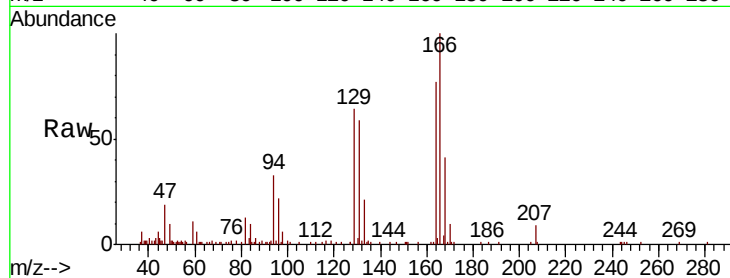
Ion Ratio Lower Upper

164 100

166 129.8 102.5 153.7

129 83.3 75.1 112.7

131 75.6 72.7 109.1

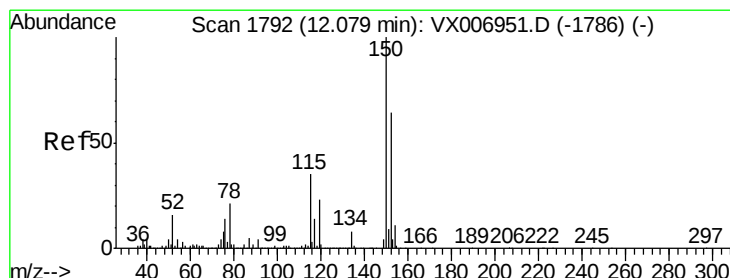
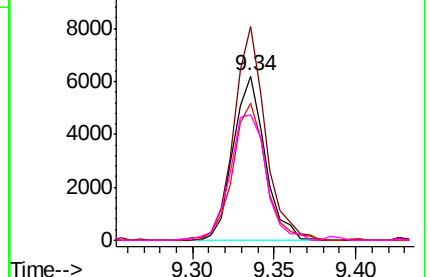
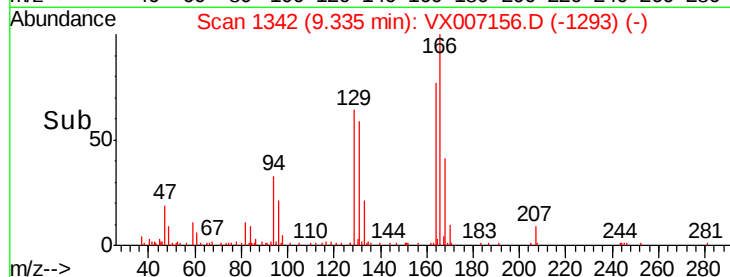


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX007156.D

Acq: 21 Jan 2019 14:03

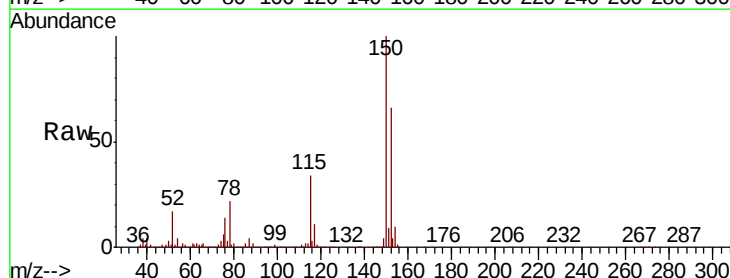
Tgt Ion:152 Resp: 403924

Ion Ratio Lower Upper

152 100

115 54.5 39.1 117.2

150 156.2 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

