

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000537.D
 Acq On : 30 Mar 2018 02:37
 Operator : JC/MD
 Sample : J2117-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TPIAD

Quant Time: Mar 30 08:13:50 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

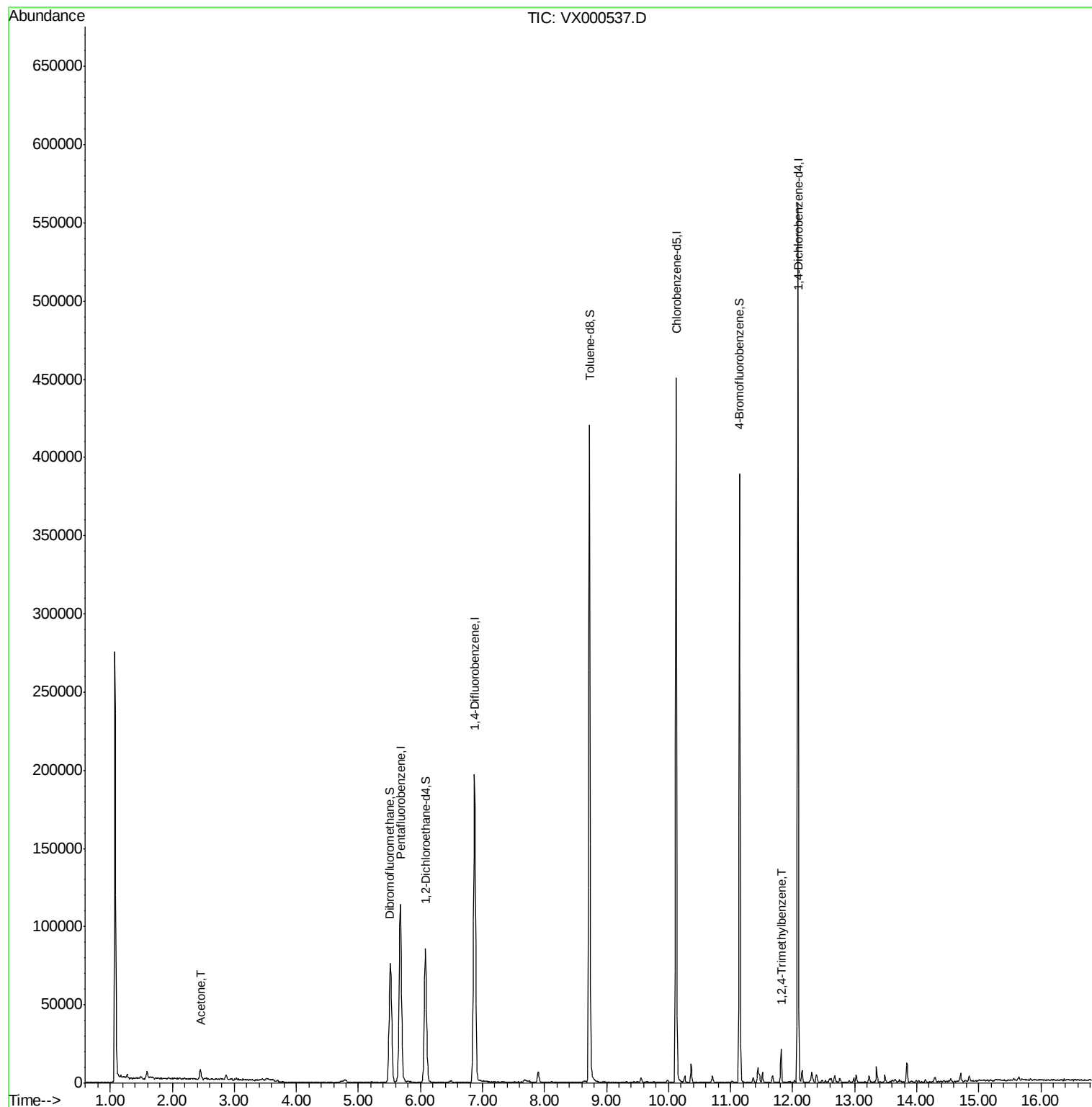
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	107499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	193667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	103583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	75800	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
35) Dibromofluoromethane	5.51	113	60749	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	8.73	98	248760	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.15	95	86553	41.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.94%	
Target Compounds						
16) Acetone	2.45	43	7551	6.47	ug/l	90
84) 1,2,4-Trimethylbenzene	11.82	105	9280	1.53	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000537.D

Acq: 30 Mar 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

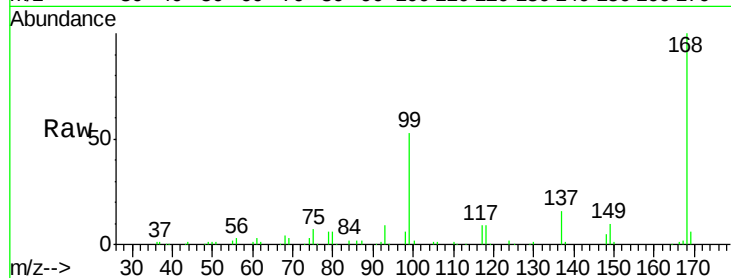
TPIAD

Tot Ion:168 Resp: 107499

Ion Ratio Lower Upper

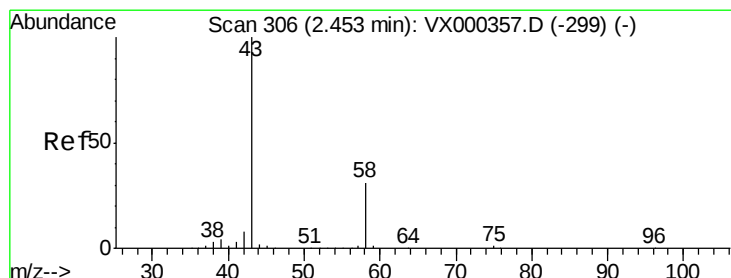
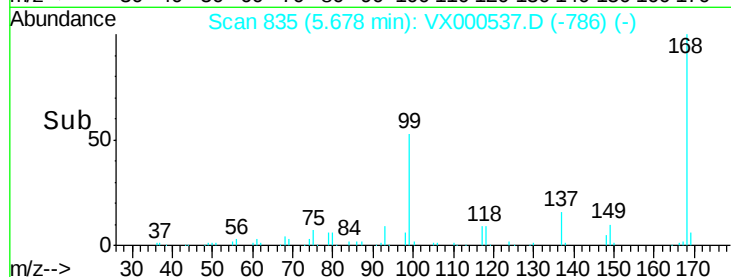
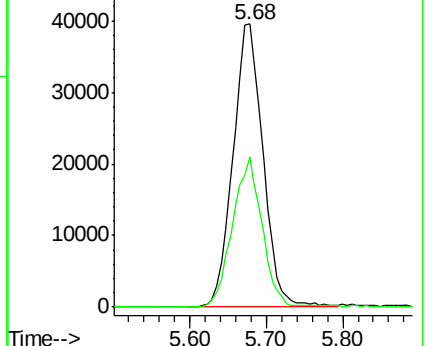
168 100

99 53.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.47 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000537.D

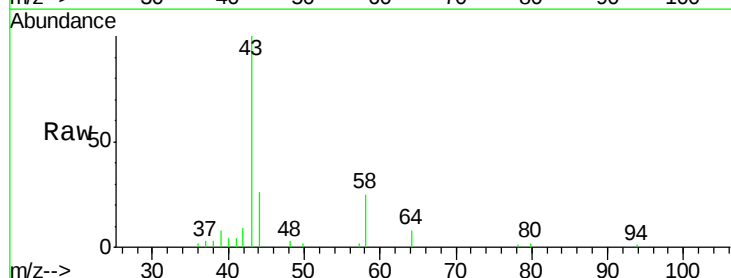
Acq: 30 Mar 2018 02:37

Tgt Ion: 43 Resp: 7551

Ion Ratio Lower Upper

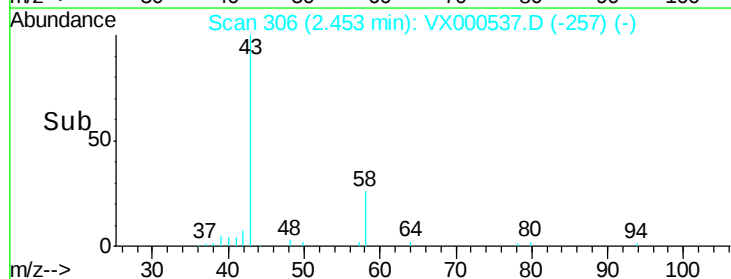
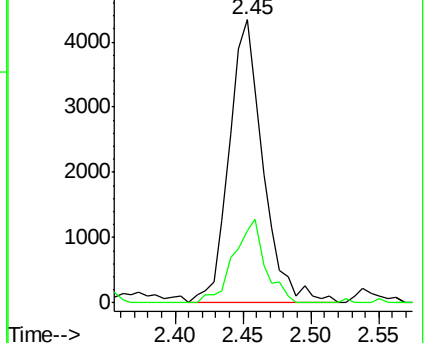
43 100

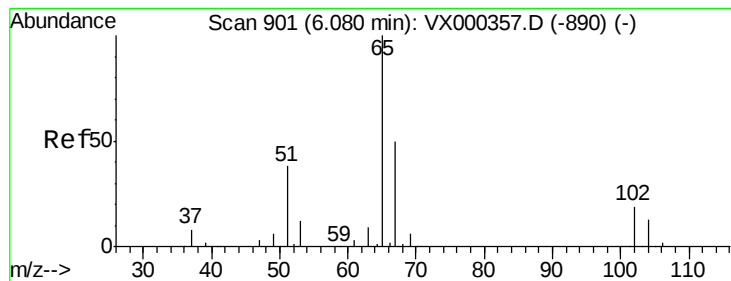
58 25.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.02 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000537.D

Acq: 30 Mar 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

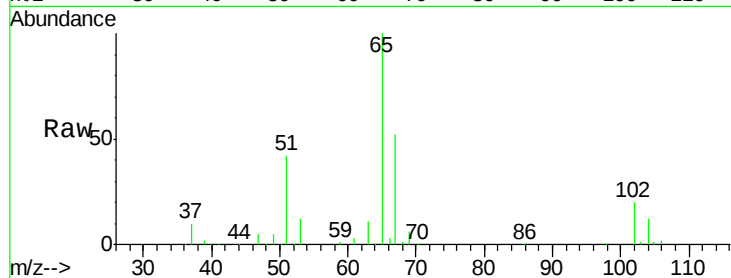
TPIAD

Tot Ion: 65 Resp: 75800

Ion Ratio Lower Upper

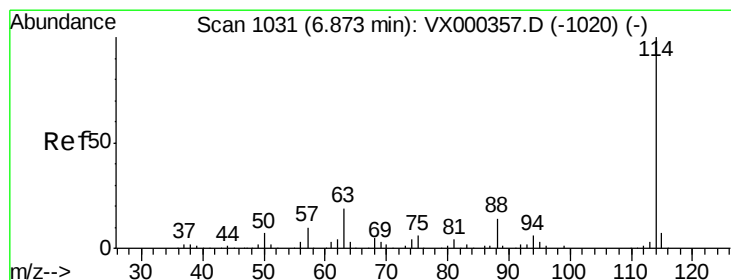
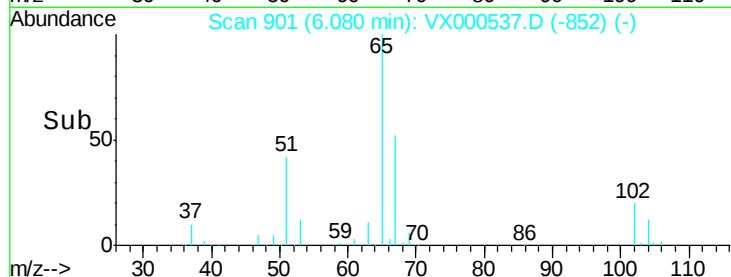
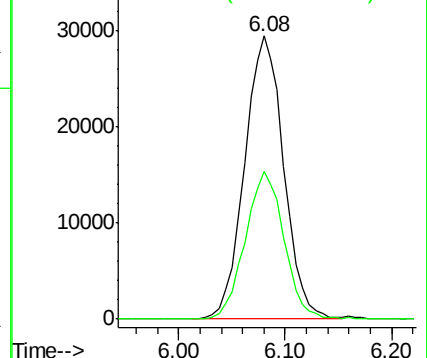
65 100

67 51.9 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000537.D

Acq: 30 Mar 2018 02:37

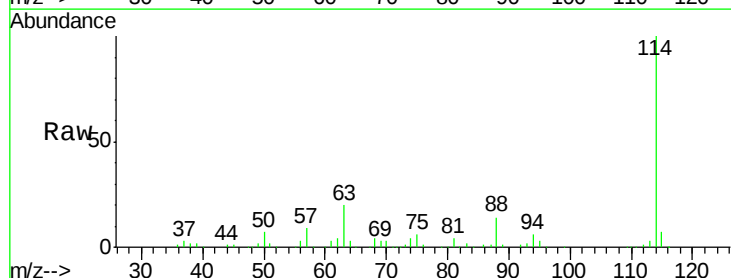
Tgt Ion: 114 Resp: 194905

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

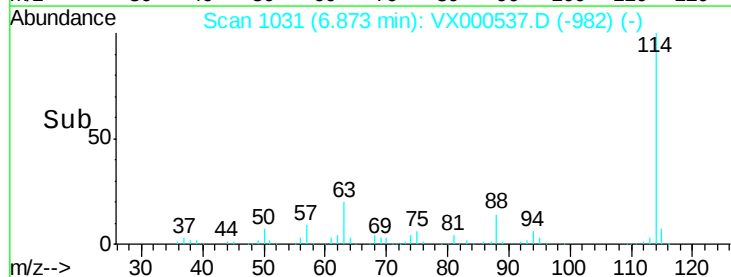
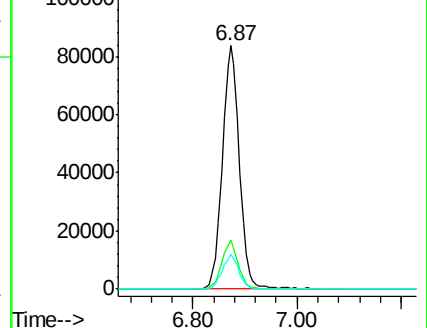
88 14.1 0.0 27.0

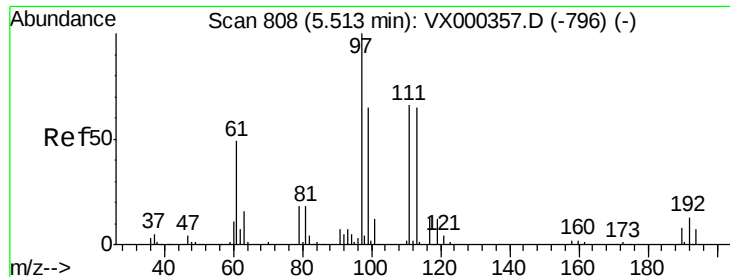


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.47 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000537.D

Acq: 30 Mar 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

TPIAD

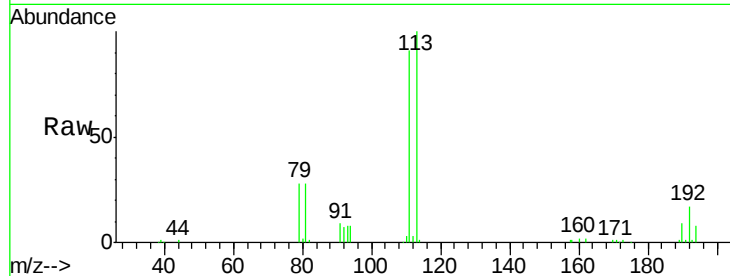
Tot Ion:113 Resp: 60749

Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

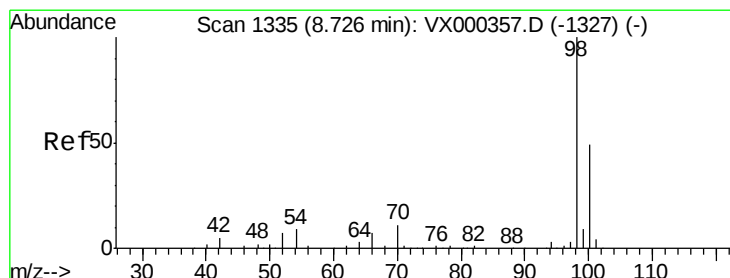
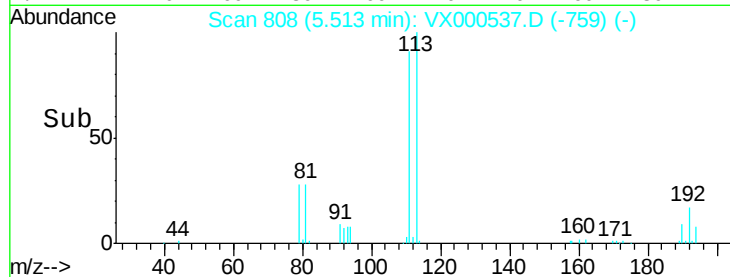
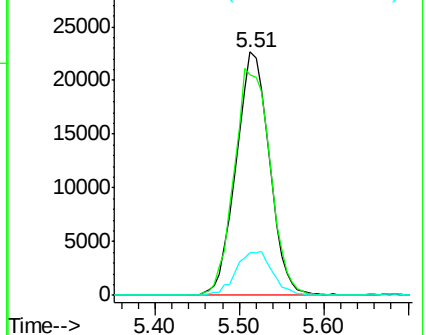
192 19.6 15.8 23.6



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: 48.91 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000537.D

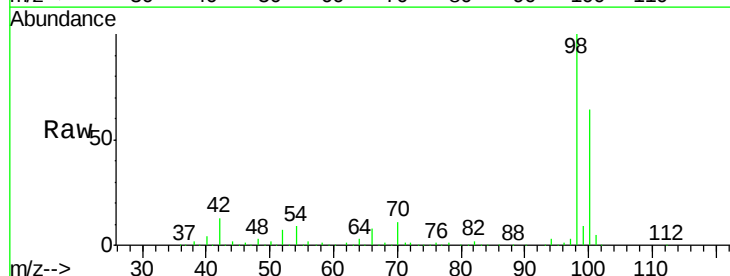
Acq: 30 Mar 2018 02:37

Tgt Ion: 98 Resp: 248760

Ion Ratio Lower Upper

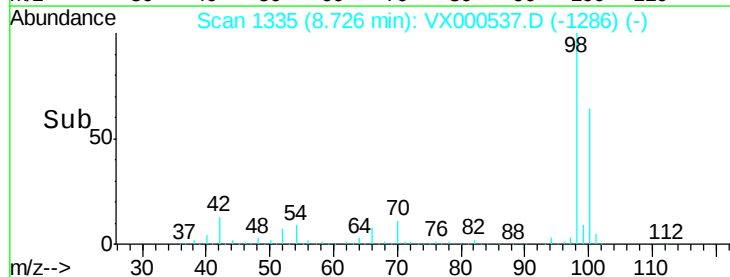
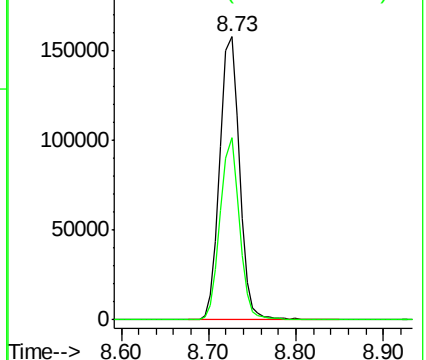
98 100

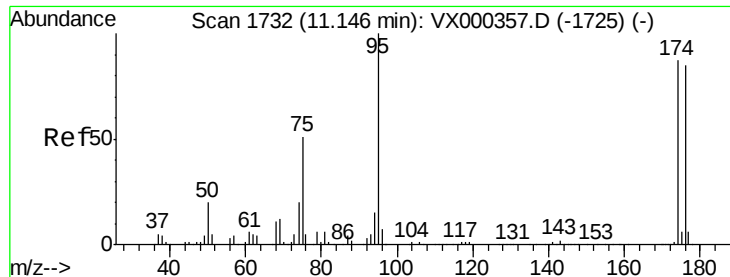
100 62.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 41.47 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000537.D

Acq: 30 Mar 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

TPIAD

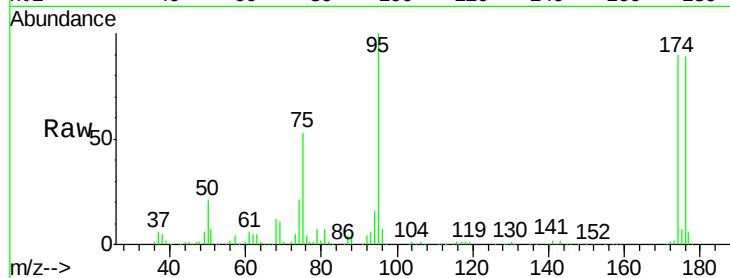
Tot Ion: 95 Resp: 86553

Ion Ratio Lower Upper

95 100

174 91.7 0.0 173.6

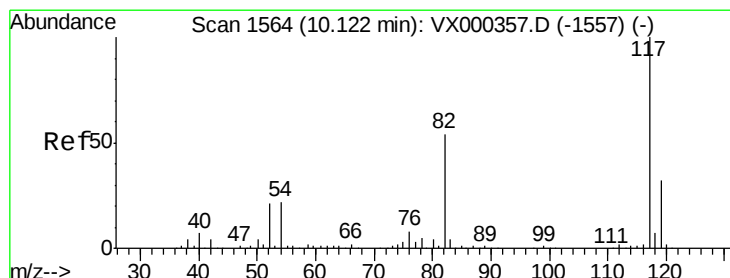
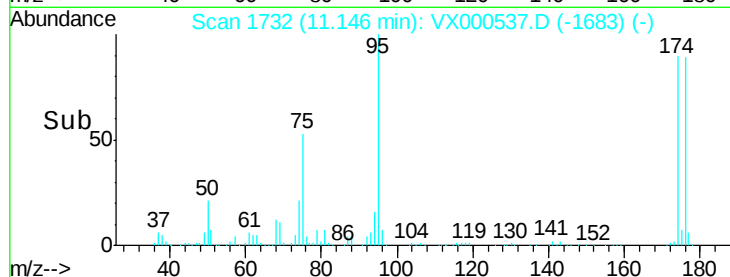
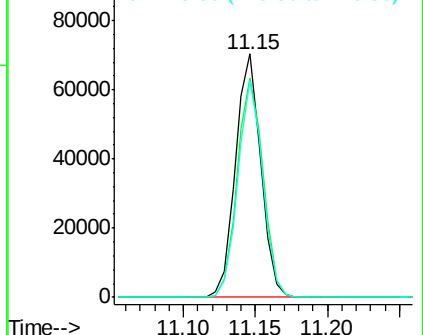
176 87.5 0.0 164.6



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: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000537.D

Acq: 30 Mar 2018 02:37

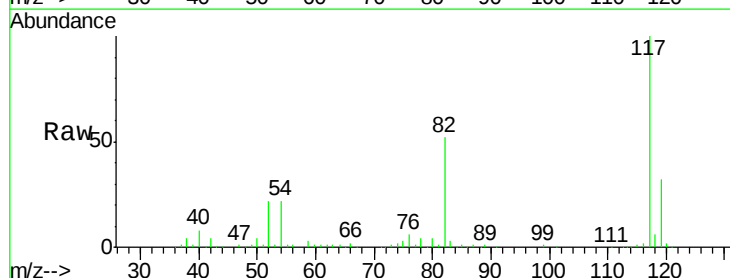
Tgt Ion: 117 Resp: 193667

Ion Ratio Lower Upper

117 100

82 51.6 43.8 65.8

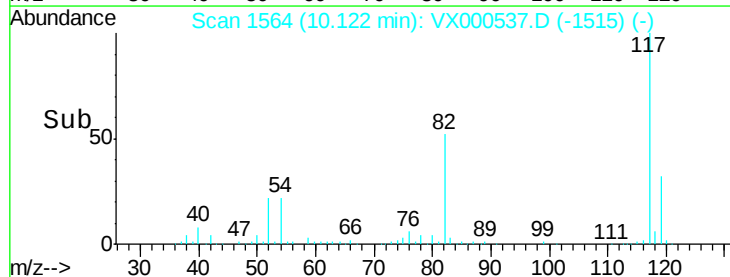
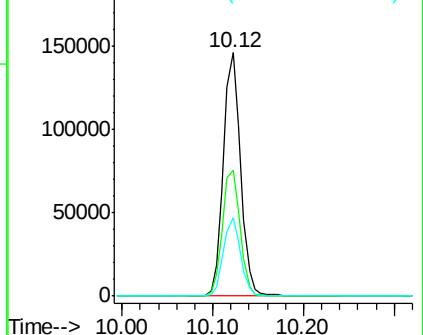
119 32.0 24.9 37.3

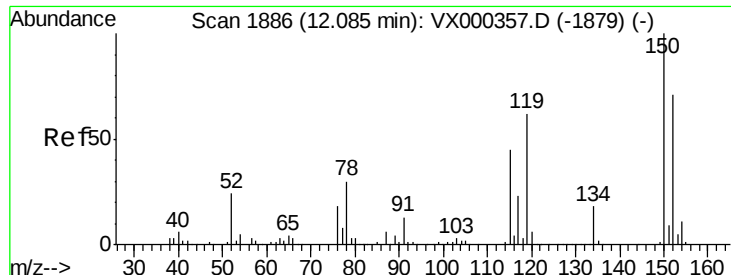


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000537.D

Acq: 30 Mar 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

TPIAD

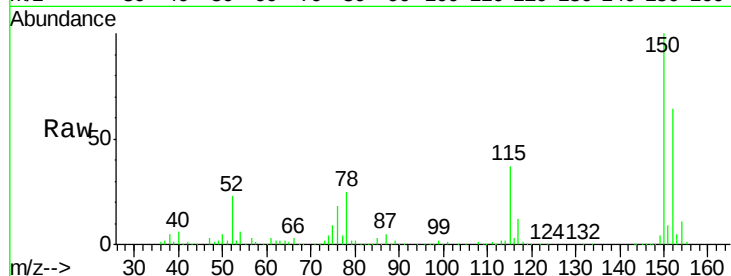
Tot Ion:152 Resp: 103583

Ion Ratio Lower Upper

152 100

115 56.2 39.8 119.3

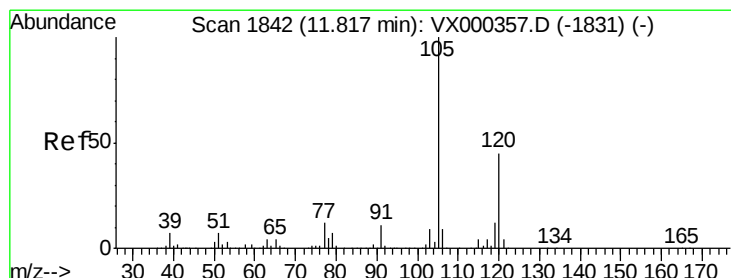
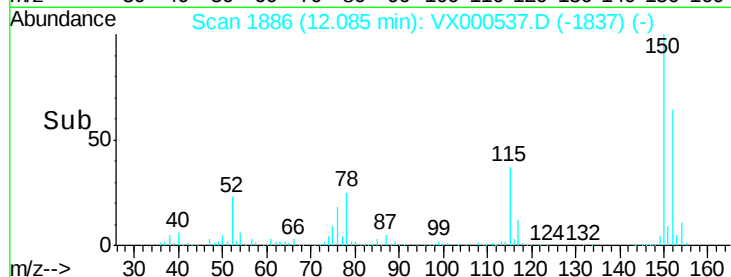
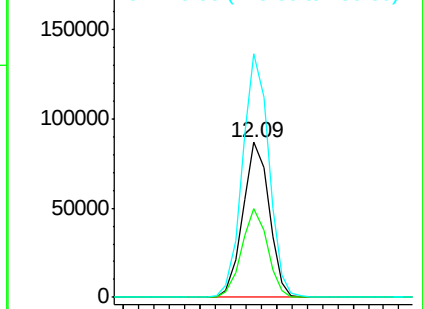
150 156.9 0.0 344.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.53 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000537.D

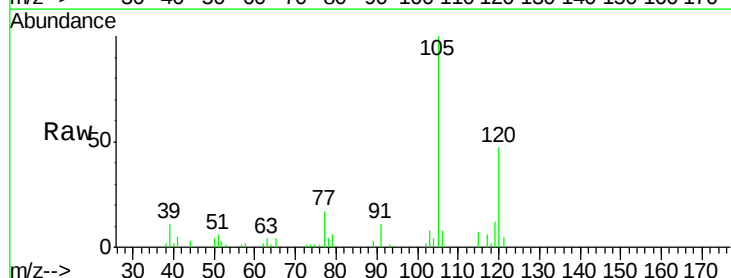
Acq: 30 Mar 2018 02:37

Tgt Ion:105 Resp: 9280

Ion Ratio Lower Upper

105 100

120 45.3 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

