

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000446.D
 Acq On : 26 Mar 2018 17:29
 Operator : JC/MD
 Sample : J2050-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-MH-C

Quant Time: Mar 27 09:38:55 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

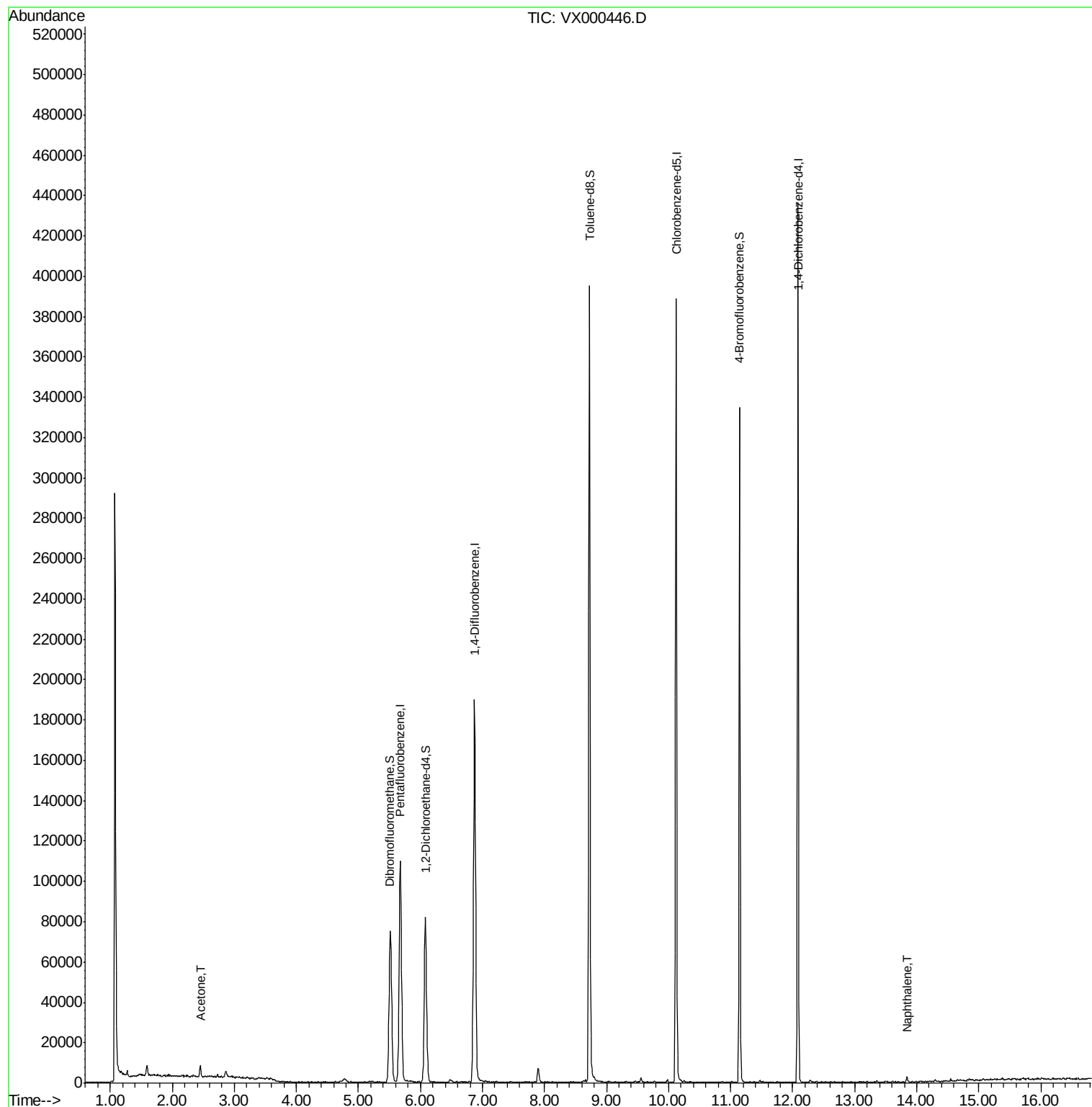
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	102368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	183722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	172802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	80472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	76491	57.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.48%	
35) Dibromofluoromethane	5.52	113	59037	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
50) Toluene-d8	8.73	98	229926	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.15	95	73817	38.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.22%	
Target Compounds						
16) Acetone	2.45	43	6049	5.44	ug/l	92
95) Naphthalene	13.85	128	1554	0.24	ug/l #	89

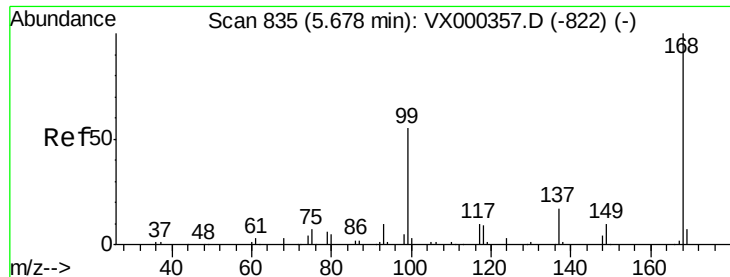
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000446.D

Acq: 26 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

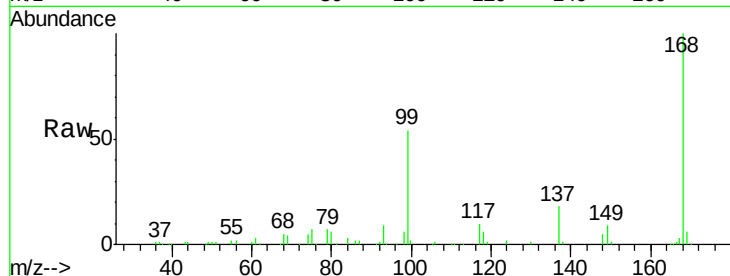
TP-2-MH-C

Tot Ion:168 Resp: 102368

Ion Ratio Lower Upper

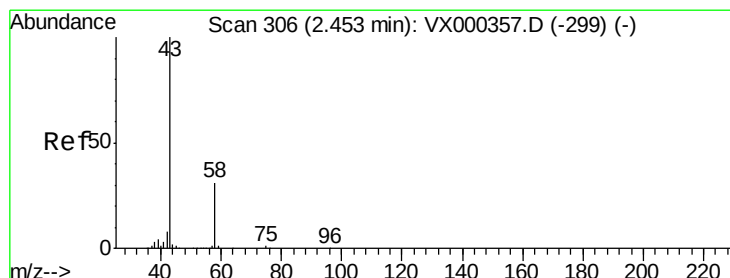
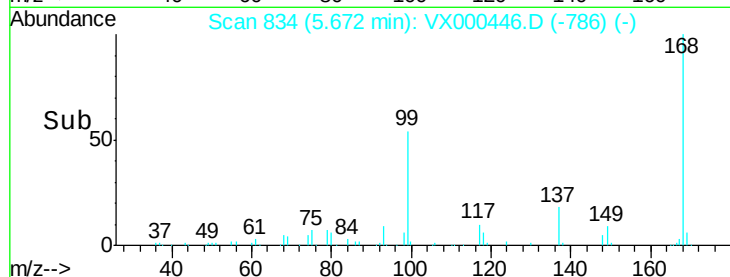
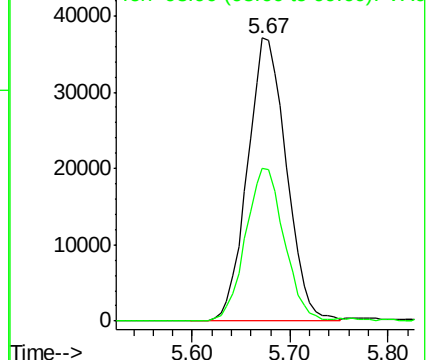
168 100

99 54.0 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: 5.44 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000446.D

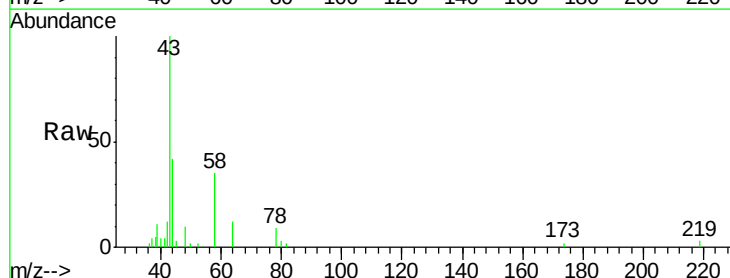
Acq: 26 Mar 2018 17:29

Tgt Ion: 43 Resp: 6049

Ion Ratio Lower Upper

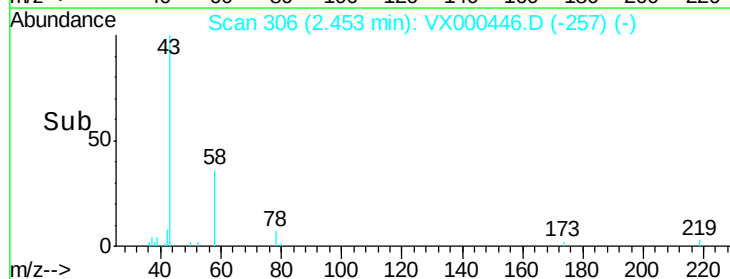
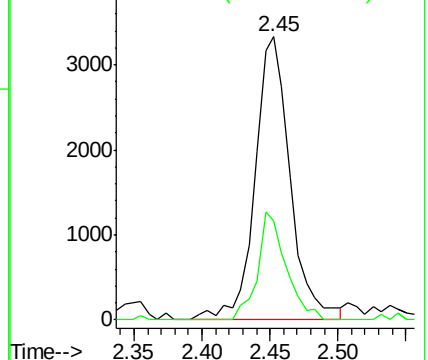
43 100

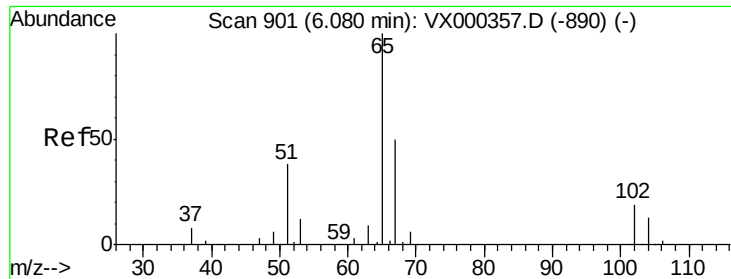
58 35.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

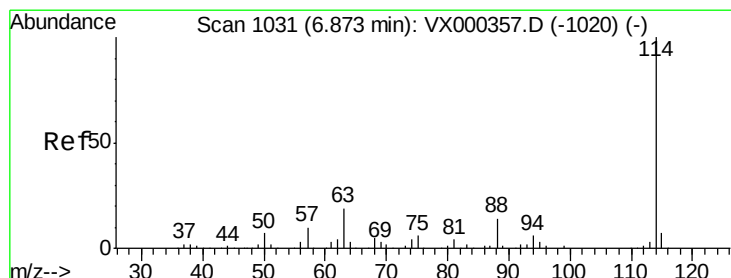
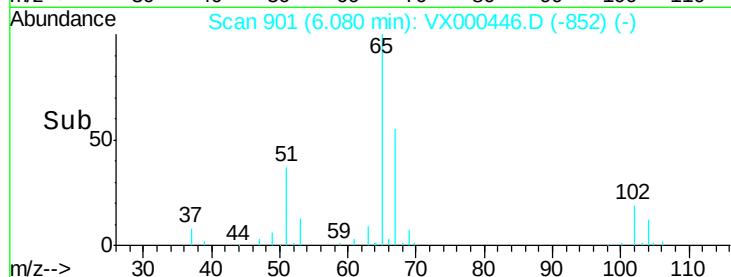
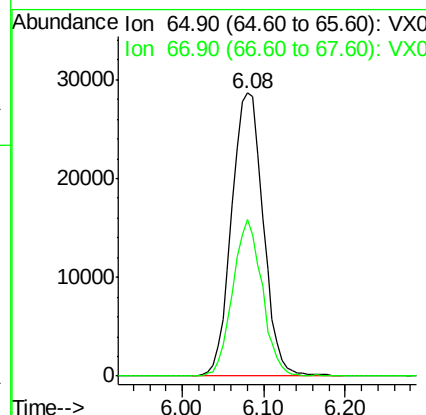
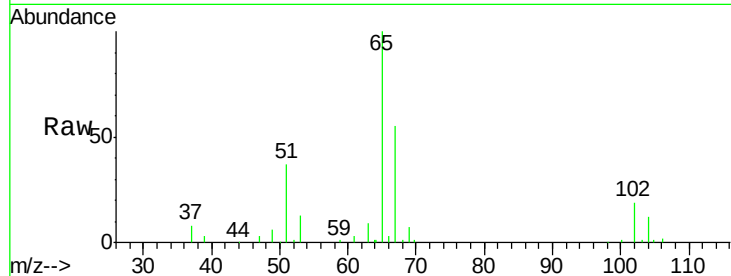




#33
 1,2-Dichloroethane-d4
 Concen: 57.24 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000446.D
 Acq: 26 Mar 2018 17:29

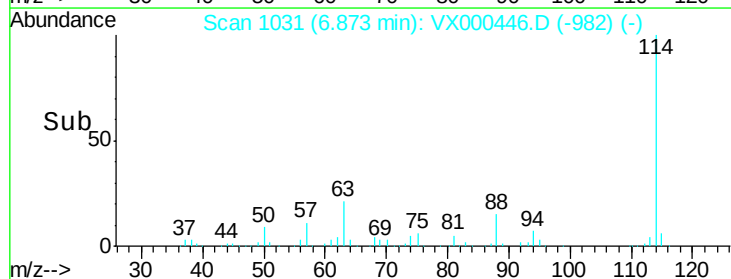
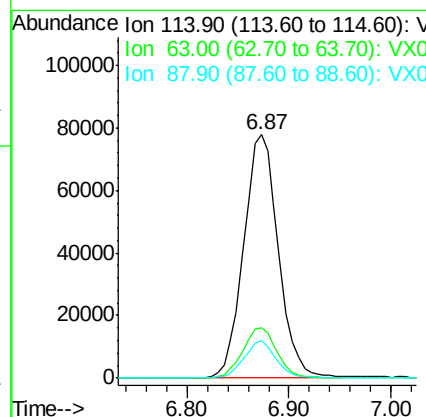
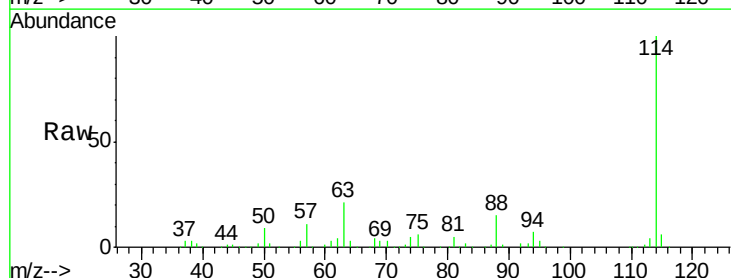
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-MH-C

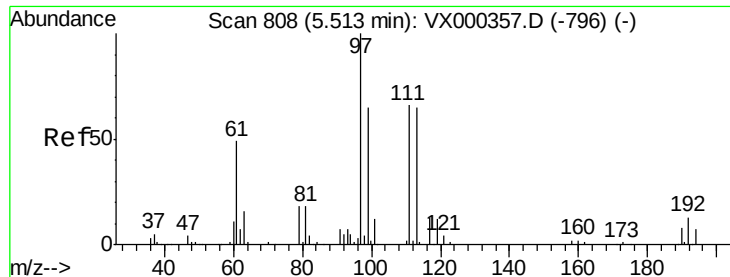
Tot Ion: 65 Resp: 76491
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000446.D
 Acq: 26 Mar 2018 17:29

Tgt Ion: 114 Resp: 183722
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.4
 88 15.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.00 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000446.D

Acq: 26 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

TP-2-MH-C

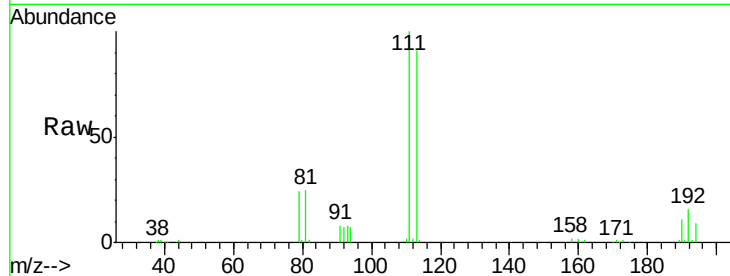
Tot Ion:113 Resp: 59037

Ion Ratio Lower Upper

113 100

111 106.0 82.4 123.6

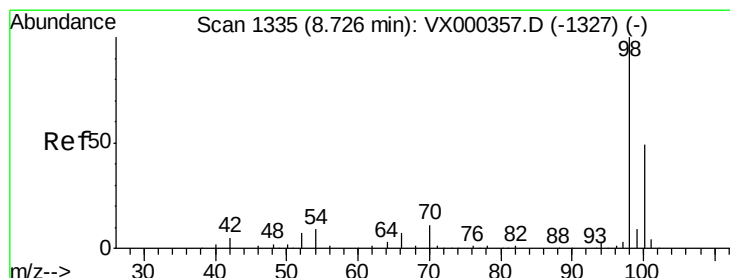
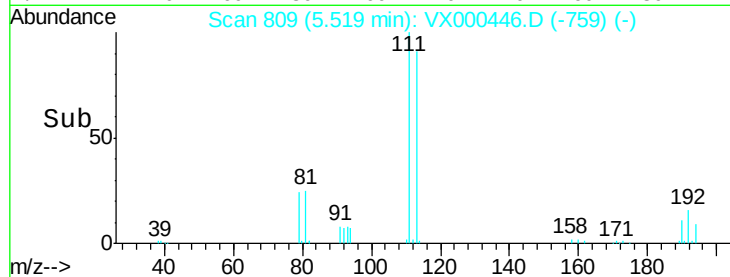
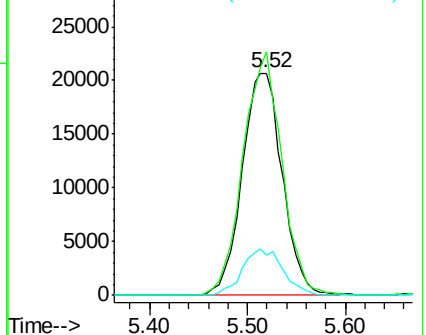
192 21.2 15.8 23.6



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: 47.96 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000446.D

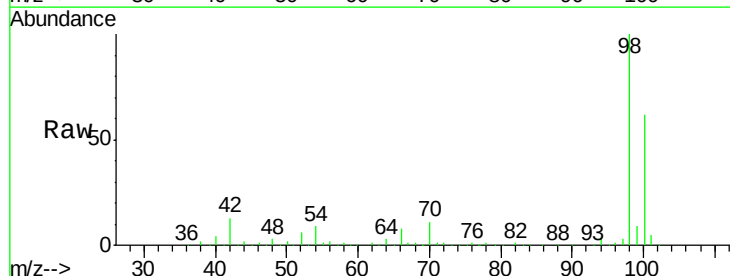
Acq: 26 Mar 2018 17:29

Tgt Ion: 98 Resp: 229926

Ion Ratio Lower Upper

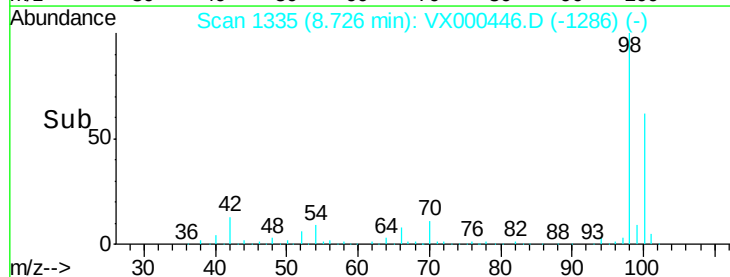
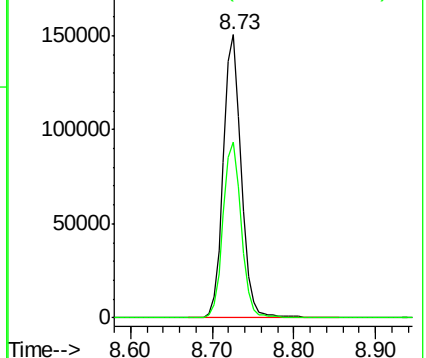
98 100

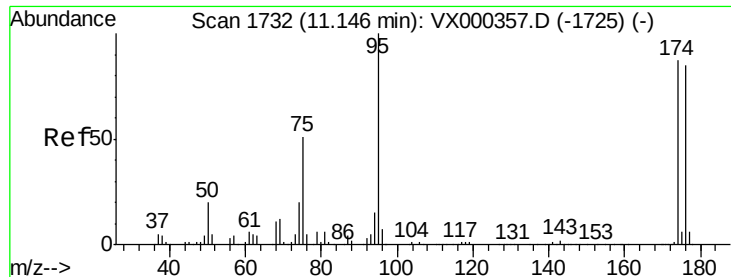
100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 38.11 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000446.D

Acq: 26 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

TP-2-MH-C

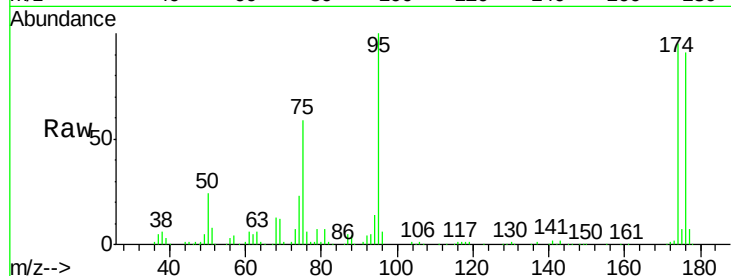
Tot Ion: 95 Resp: 73817

Ion Ratio Lower Upper

95 100

174 90.8 0.0 173.6

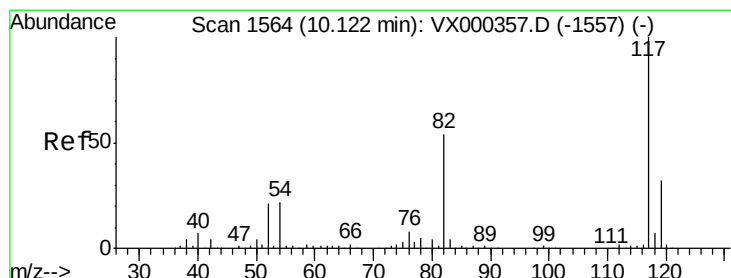
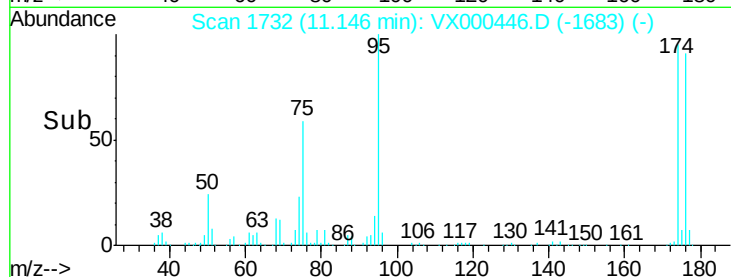
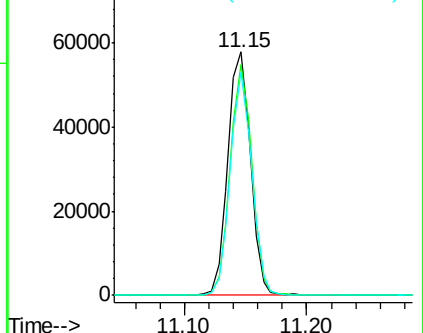
176 87.1 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000446.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000446.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000446.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000446.D

Acq: 26 Mar 2018 17:29

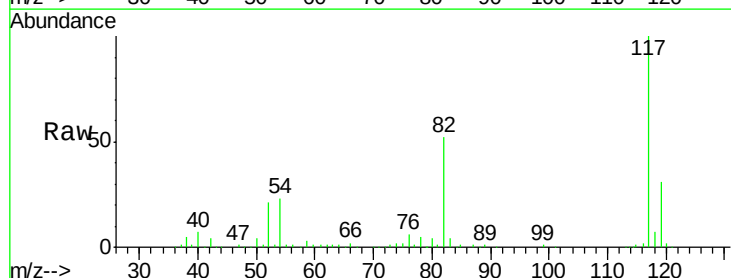
Tgt Ion: 117 Resp: 172802

Ion Ratio Lower Upper

117 100

82 52.0 43.8 65.8

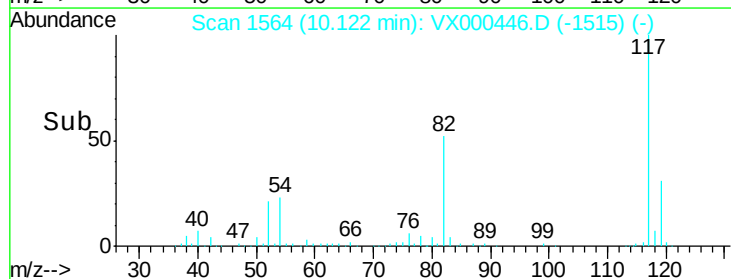
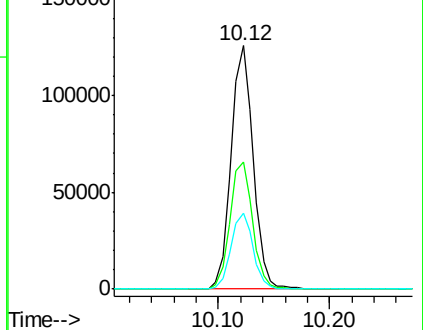
119 31.1 24.9 37.3

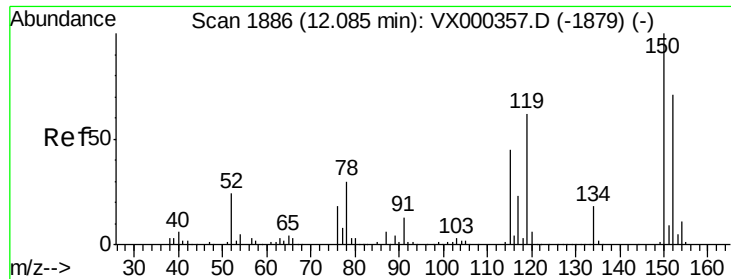


Abundance Ion 116.90 (116.60 to 117.60): VX000446.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000446.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000446.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000446.D

Acq: 26 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

TP-2-MH-C

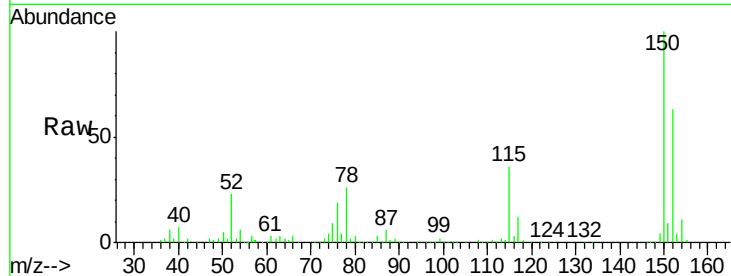
Tot Ion:152 Resp: 80472

Ion Ratio Lower Upper

152 100

115 55.6 39.8 119.3

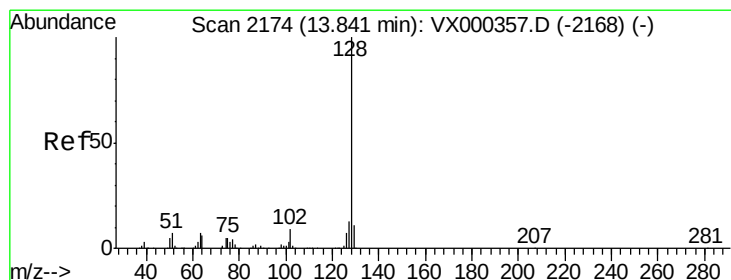
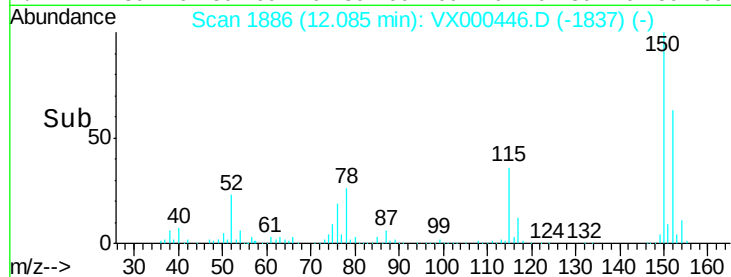
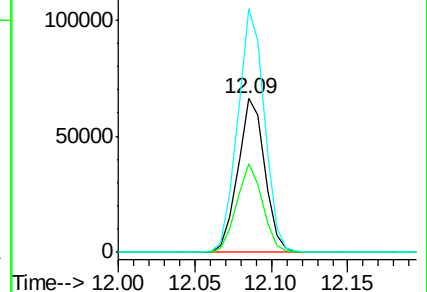
150 157.2 0.0 344.4



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



#95

Naphthalene

Concen: 0.24 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000446.D

Acq: 26 Mar 2018 17:29

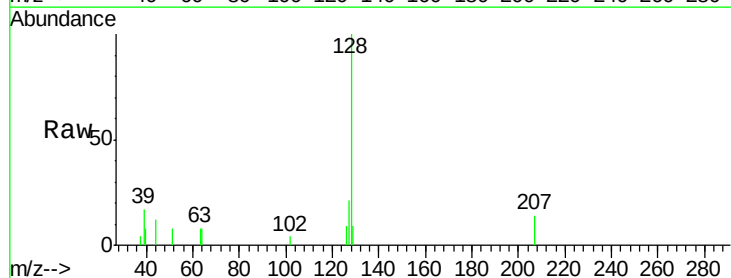
Tgt Ion:128 Resp: 1554

Ion Ratio Lower Upper

128 100

127 16.0 10.6 15.8#

129 5.1 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

