

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000523.D
 Acq On : 29 Mar 2018 19:48
 Operator : JC/MD
 Sample : J2098-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Mar 30 07:45:47 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

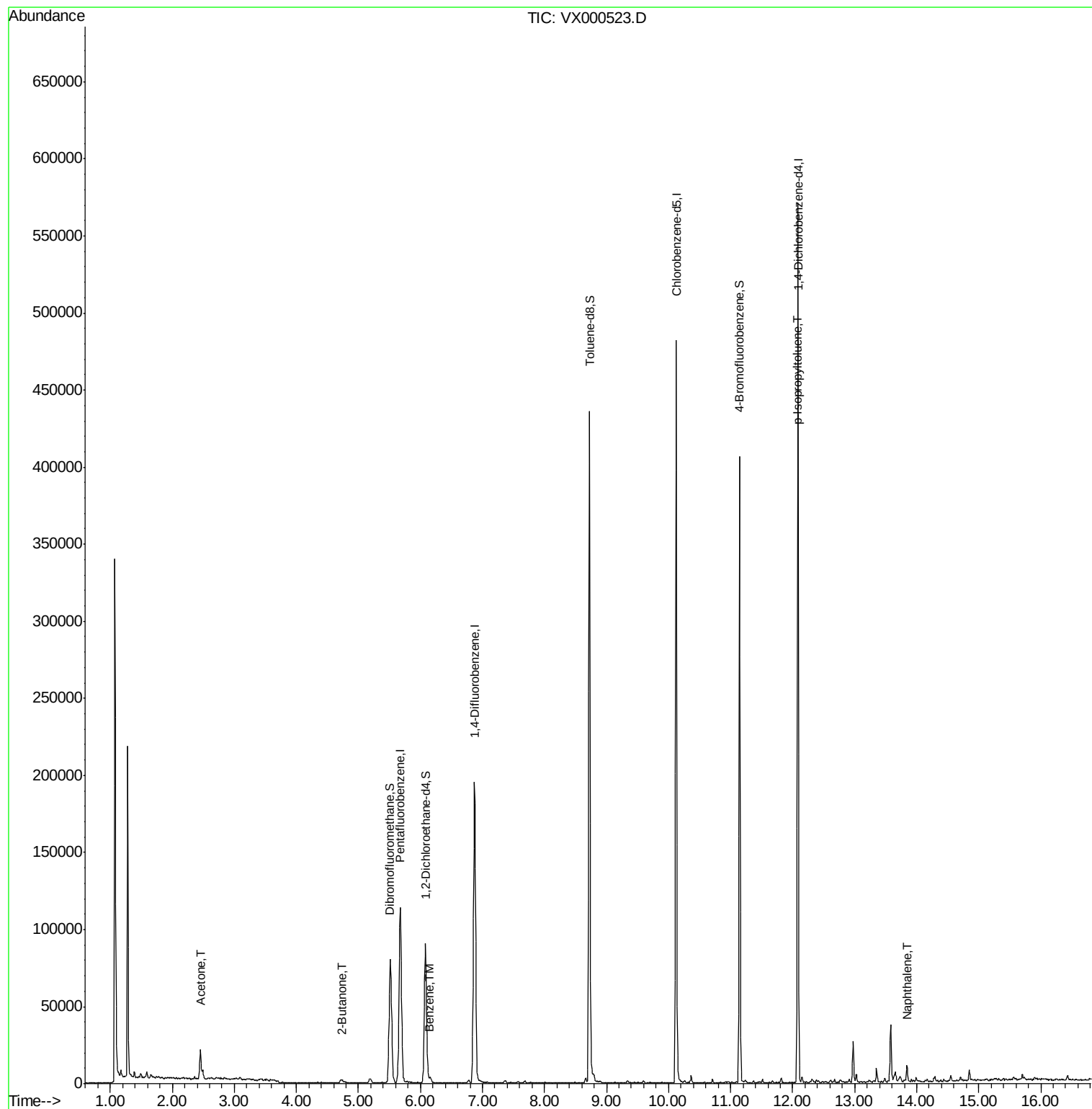
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	107881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	198588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	201314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	107255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	79375	56.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.74%	
35) Dibromofluoromethane	5.52	113	61227	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	8.73	98	253971	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.15	95	91368	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
Target Compounds						
16) Acetone	2.45	43	19833	16.93	ug/l	98
25) 2-Butanone	4.73	43	3974	3.02	ug/l	99
40) Benzene	6.15	78	3605	0.67	ug/l	97
86) p-Isopropyltoluene	12.07	119	4817	0.73	ug/l	88
95) Naphthalene	13.85	128	5379	0.61	ug/l	97

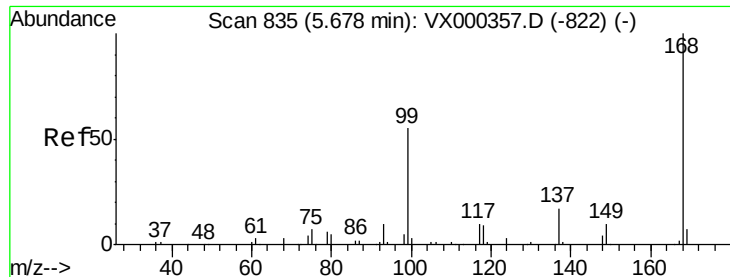
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000523.D

Acq: 29 Mar 2018 19:48

Instrument :

MSVOA_X

ClientSampled :

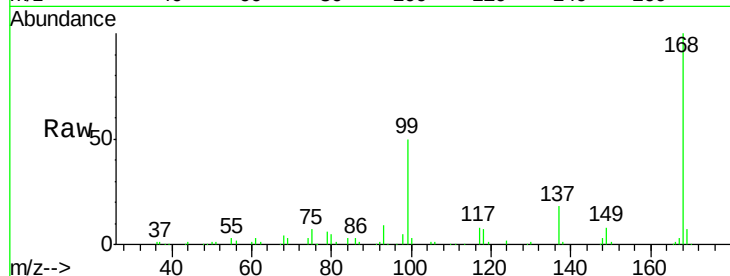
MW-5

Tot Ion:168 Resp: 107881

Ion Ratio Lower Upper

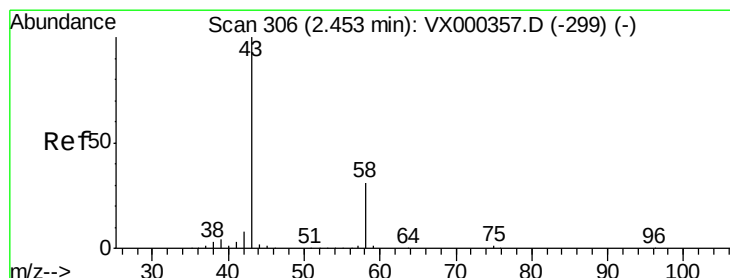
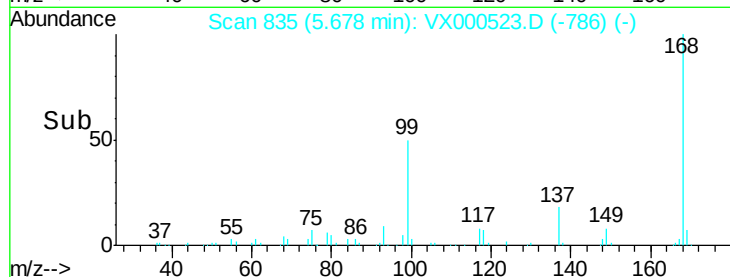
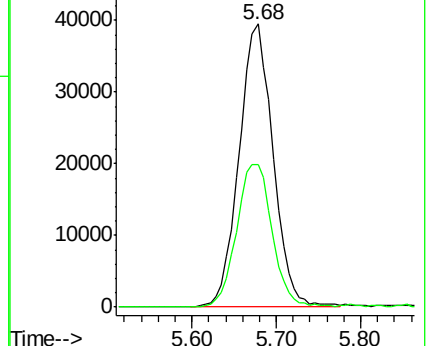
168 100

99 50.3 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: 16.93 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000523.D

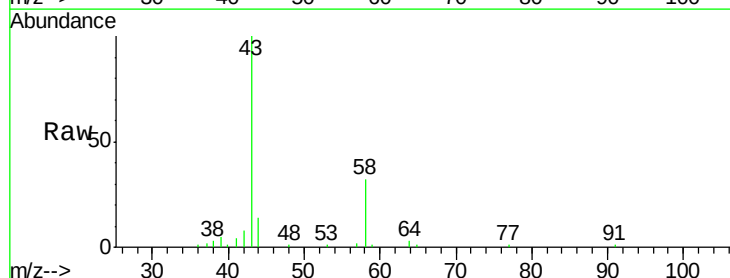
Acq: 29 Mar 2018 19:48

Tgt Ion: 43 Resp: 19833

Ion Ratio Lower Upper

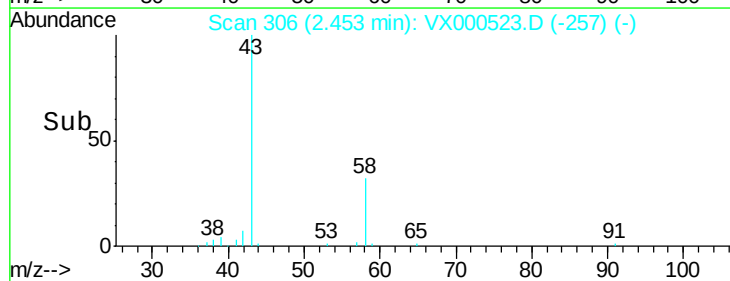
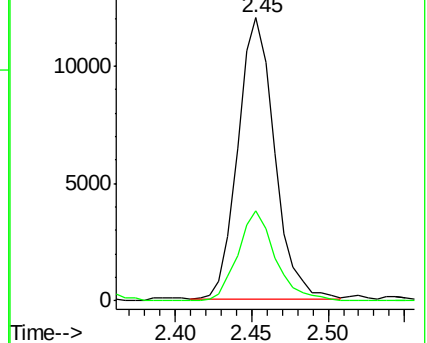
43 100

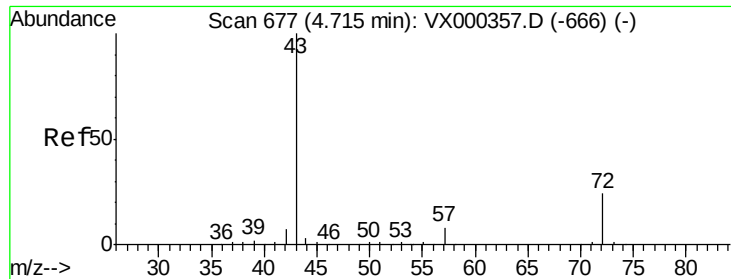
58 31.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 3.02 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.02 min

Lab File: VX000523.D

Acq: 29 Mar 2018 19:48

Instrument :

MSVOA_X

ClientSampled :

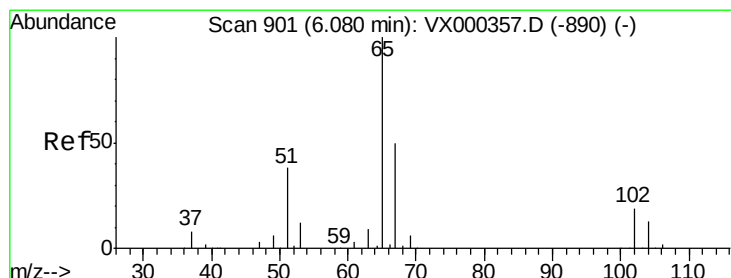
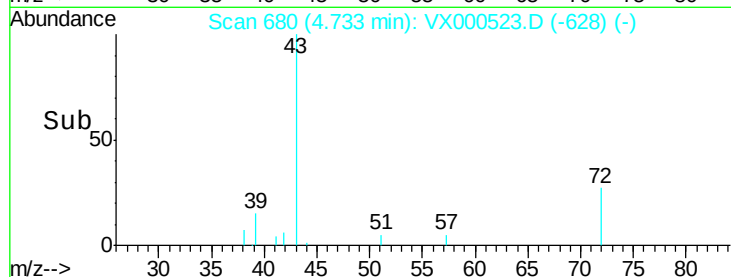
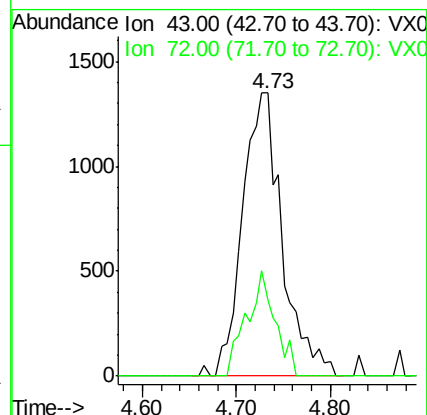
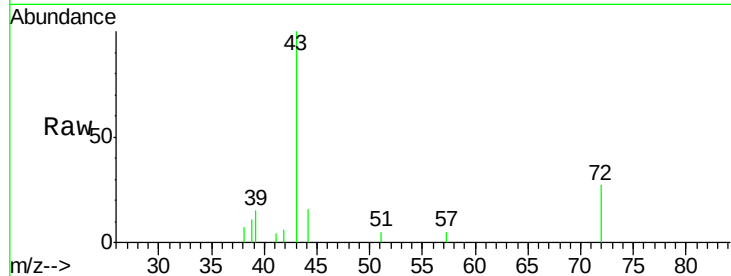
MW-5

Tot Ion: 43 Resp: 3974

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.6



#33

1,2-Dichloroethane-d4

Concen: 56.37 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000523.D

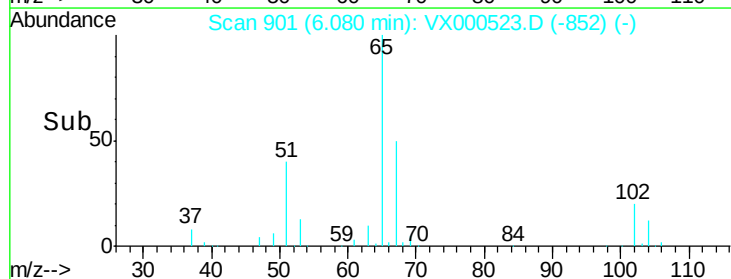
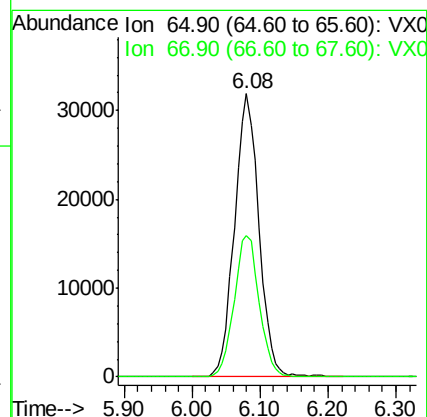
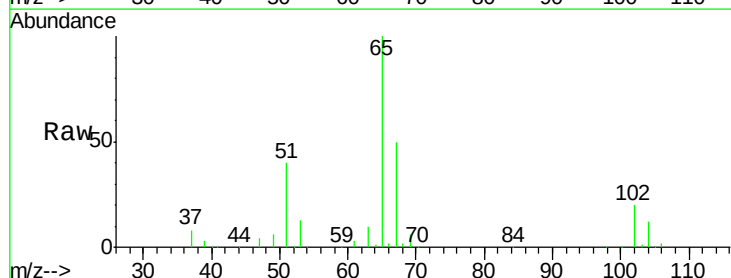
Acq: 29 Mar 2018 19:48

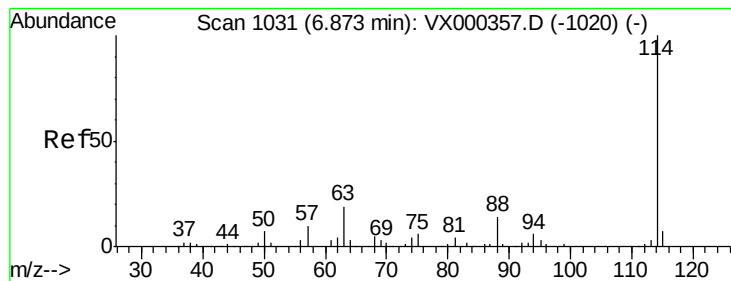
Tgt Ion: 65 Resp: 79375

Ion Ratio Lower Upper

65 100

67 51.1 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: VX000523.D

Acq: 29 Mar 2018 19:48

Instrument :

MSVOA_X

ClientSampled :

MW-5

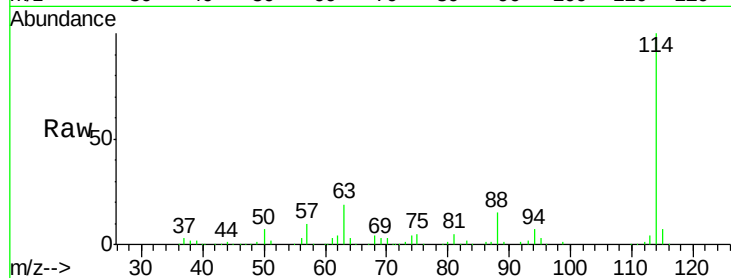
Tot Ion:114 Resp: 198588

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

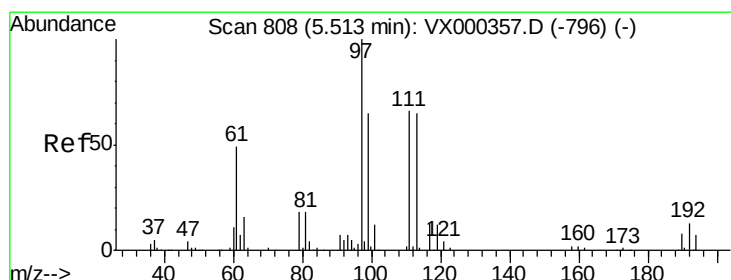
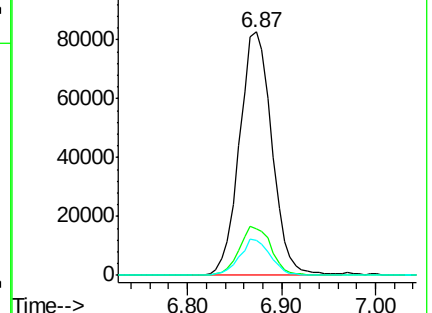
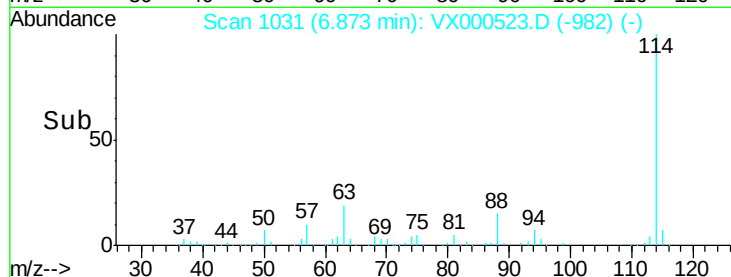
88 14.6 0.0 27.0



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: 48.93 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000523.D

Acq: 29 Mar 2018 19:48

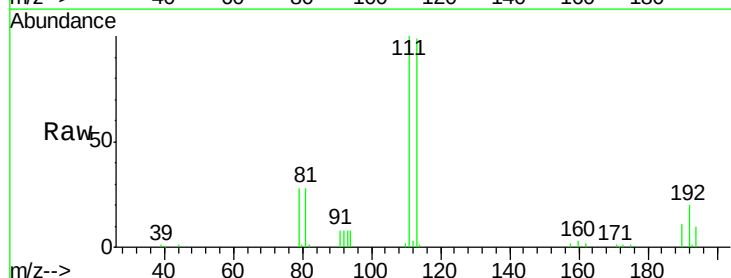
Tgt Ion:113 Resp: 61227

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

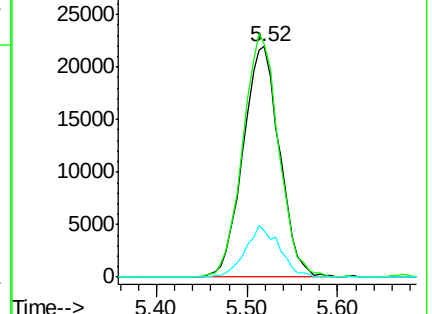
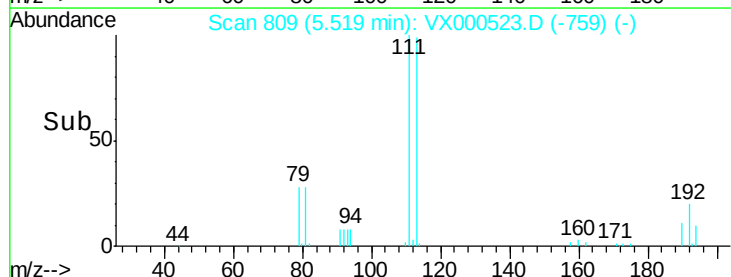
192 20.7 15.8 23.6

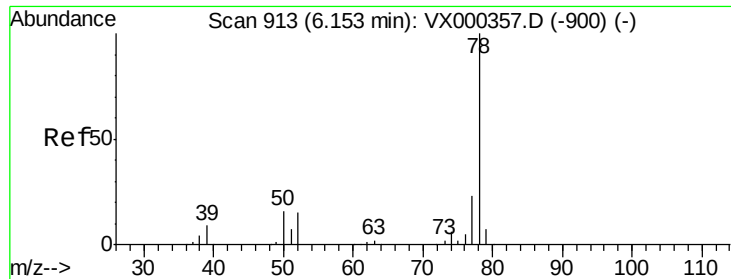


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.67 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000523.D

Acq: 29 Mar 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

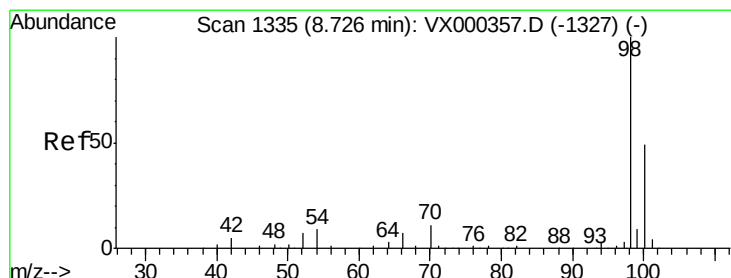
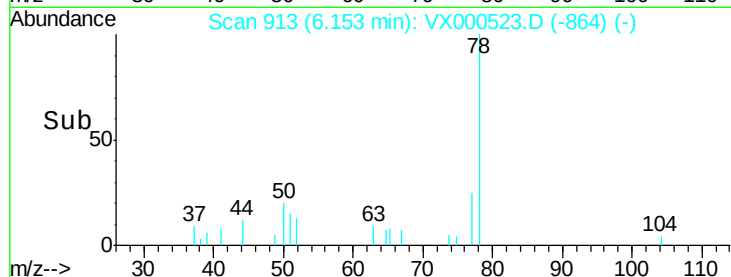
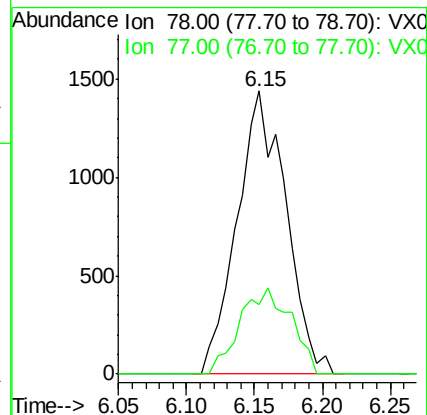
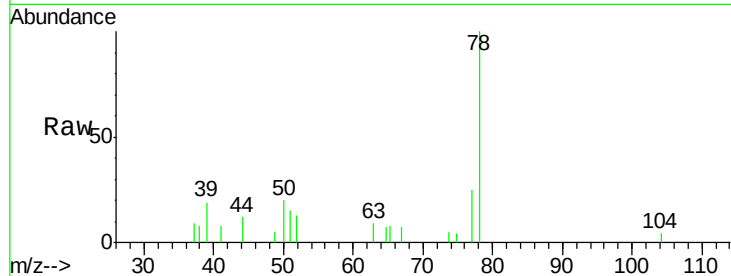
MW-5

Tot Ion: 78 Resp: 3605

Ion Ratio Lower Upper

78 100

77 24.8 18.7 28.1



#50

Toluene-d8

Concen: 49.01 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000523.D

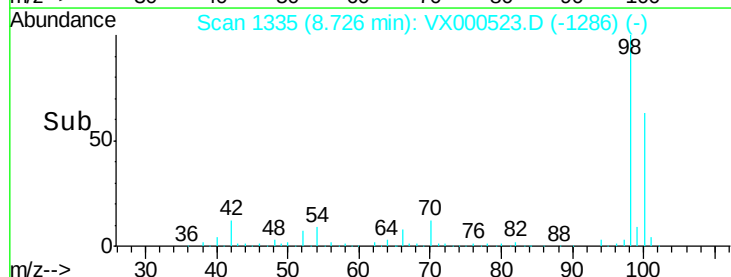
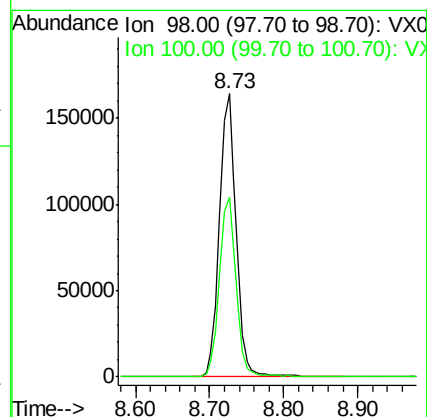
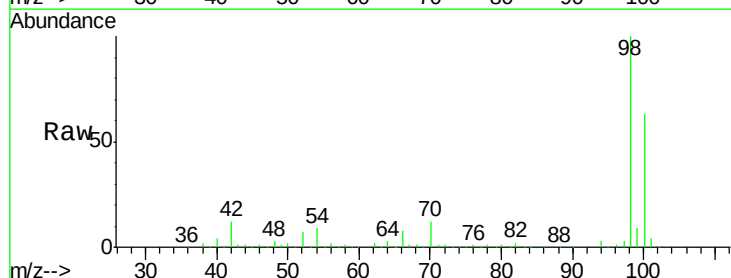
Acq: 29 Mar 2018 19:48

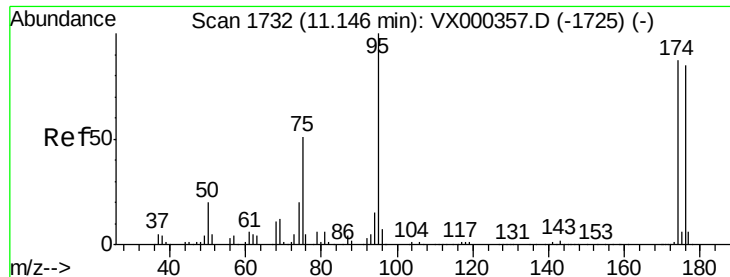
Tgt Ion: 98 Resp: 253971

Ion Ratio Lower Upper

98 100

100 63.0 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 42.74 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000523.D

Acq: 29 Mar 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

MW-5

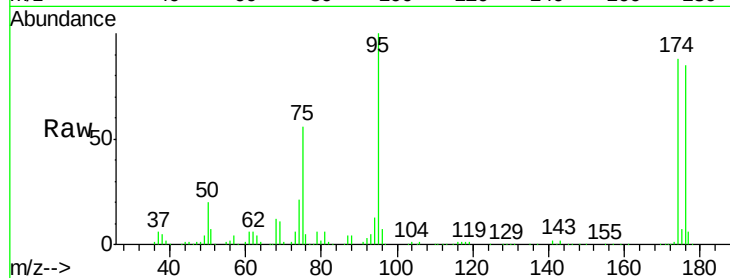
Tot Ion: 95 Resp: 91368

Ion Ratio Lower Upper

95 100

174 89.5 0.0 173.6

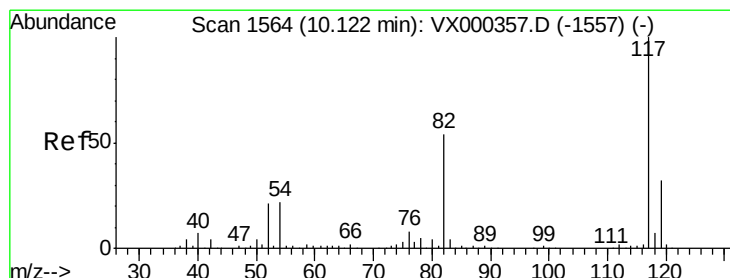
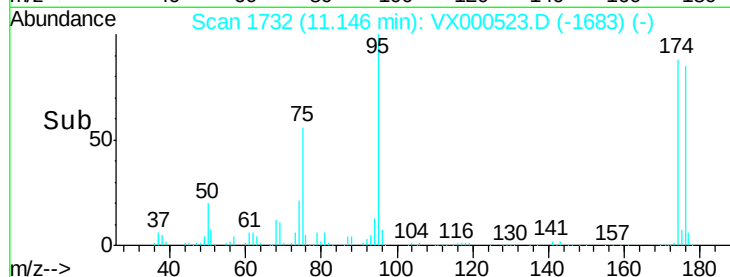
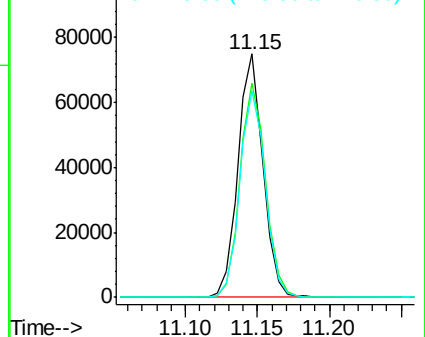
176 85.6 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000523.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000523.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000523.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000523.D

Acq: 29 Mar 2018 19:48

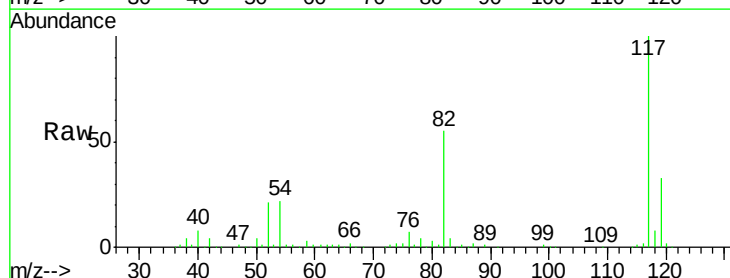
Tgt Ion: 117 Resp: 201314

Ion Ratio Lower Upper

117 100

82 54.8 43.8 65.8

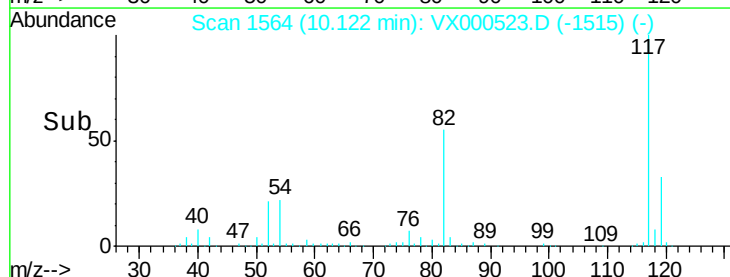
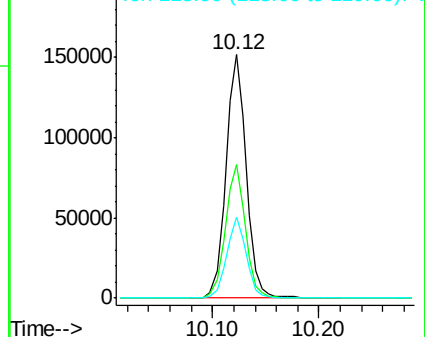
119 33.2 24.9 37.3

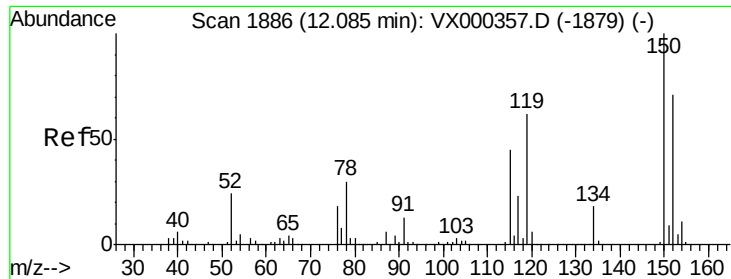


Abundance Ion 116.90 (116.60 to 117.60): VX000523.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000523.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000523.D (-1515) (-)



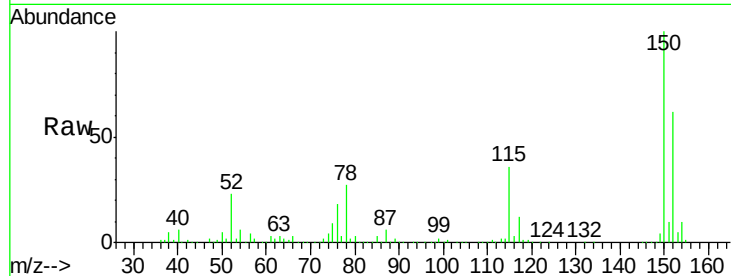


#72

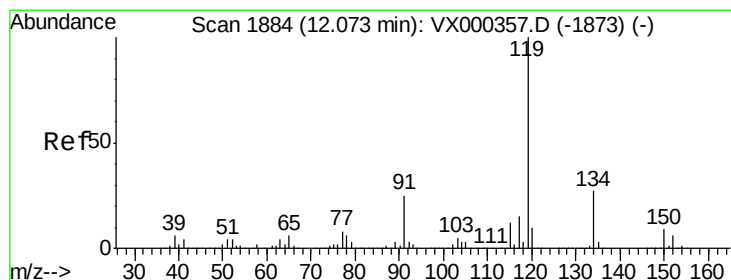
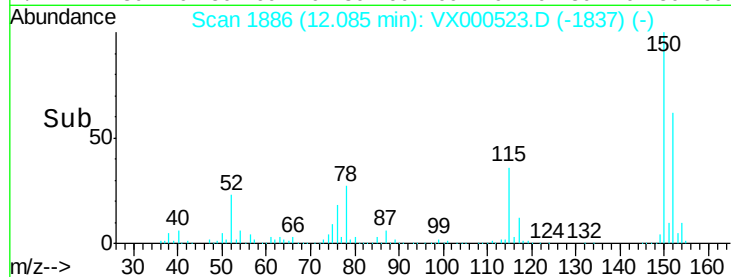
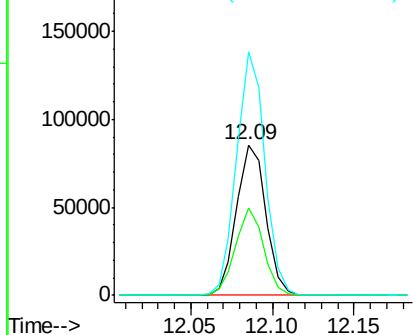
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000523.D
Acq: 29 Mar 2018 19:48

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tot Ion:152 Resp: 107255
Ion Ratio Lower Upper
152 100
115 55.4 39.8 119.3
150 156.8 0.0 344.4



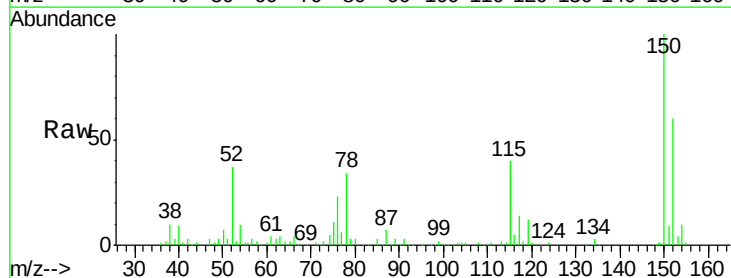
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



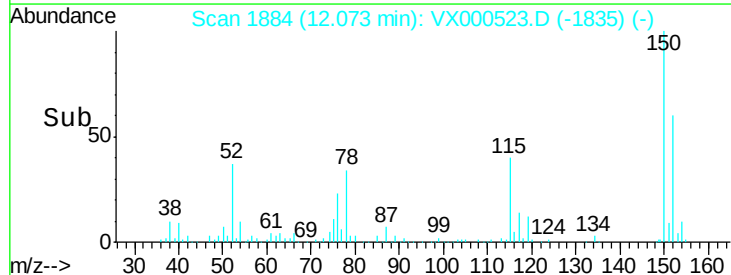
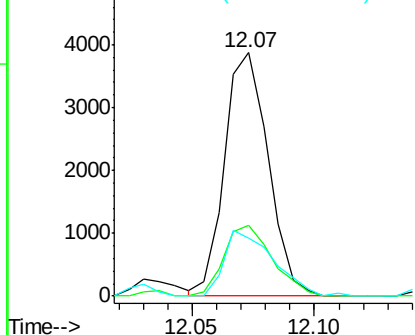
#86

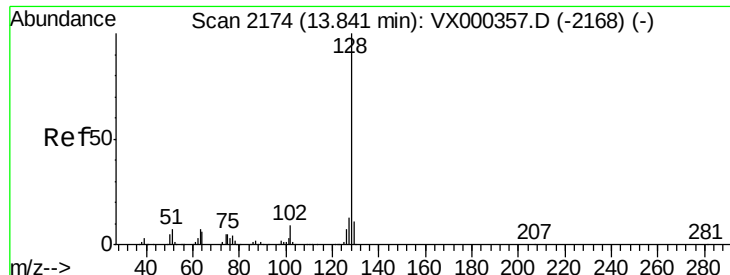
p-Isopropyltoluene
Concen: 0.73 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX000523.D
Acq: 29 Mar 2018 19:48

Tgt Ion:119 Resp: 4817
Ion Ratio Lower Upper
119 100
134 32.0 13.3 39.9
91 30.7 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





#95
 Naphthalene
 Concen: 0.61 ug/l
 RT: 13.85 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: VX000523.D
 Acq: 29 Mar 2018 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Tot Ion:128 Resp: 5379
 Ion Ratio Lower Upper
 128 100
 127 15.2 10.6 15.8
 129 10.5 8.9 13.3

