

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000448.D
 Acq On : 26 Mar 2018 18:20
 Operator : JC/MD
 Sample : J2052-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-BS

Quant Time: Mar 27 09:42:36 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

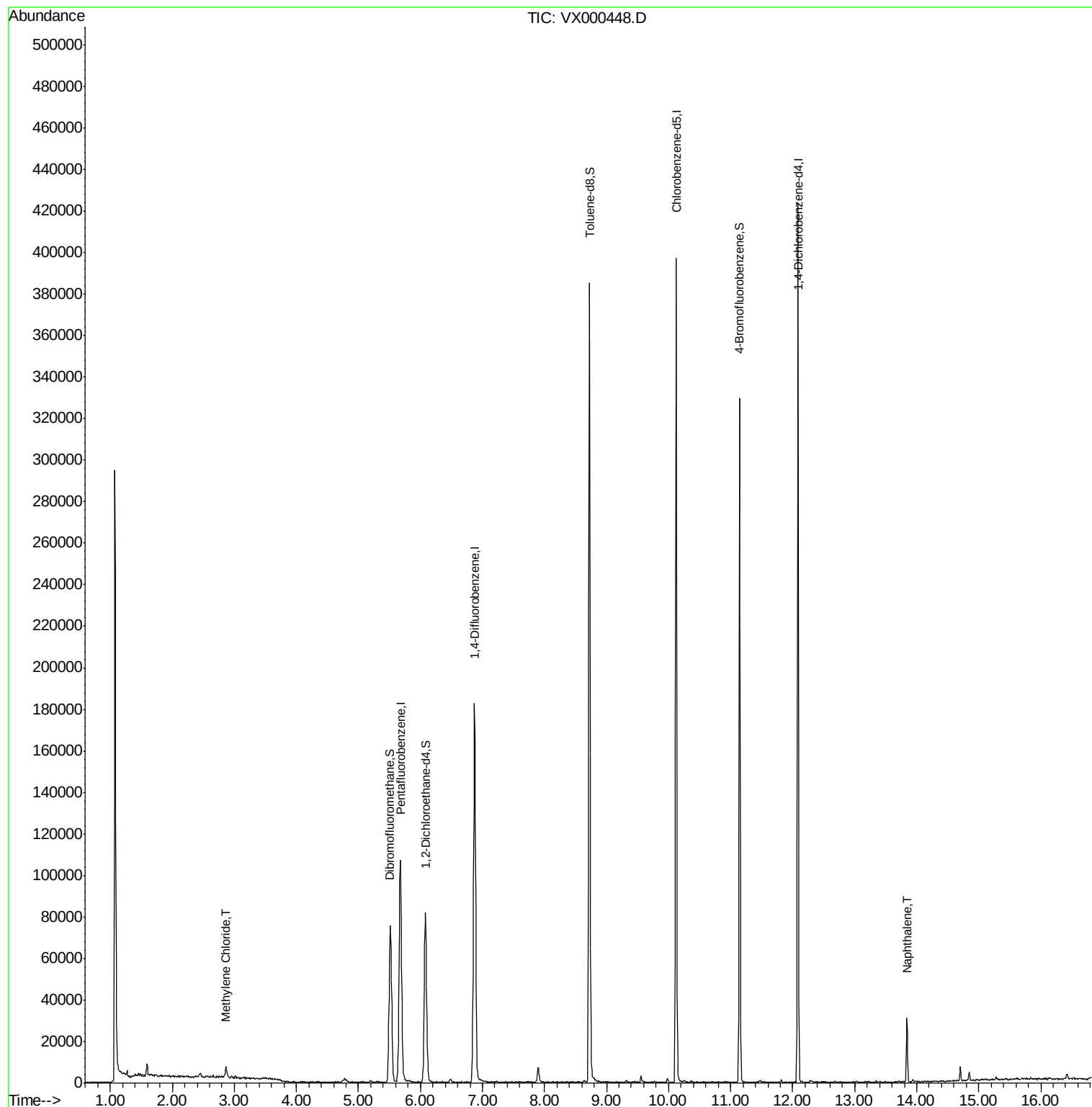
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	101516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	176541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	168256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	79450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	75240	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
35) Dibromofluoromethane	5.51	113	59505	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
50) Toluene-d8	8.73	98	225953	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.15	95	72098	38.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.28%	
Target Compounds						
20) Methylene Chloride	2.87	84	2044	1.61	ug/l	# 77
95) Naphthalene	13.84	128	17513	2.70	ug/l	99

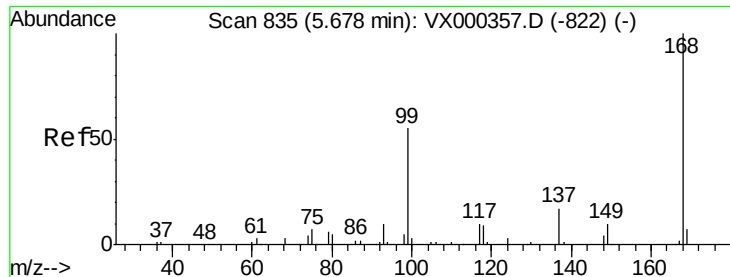
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
Data File : VX000448.D
Acq On : 26 Mar 2018 18:20
Operator : JC/MD
Sample : J2052-02 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-BS

Quant Time: Mar 27 09:42:36 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000448.D

Acq: 26 Mar 2018 18:20

Instrument :

MSVOA_X

ClientSampled :

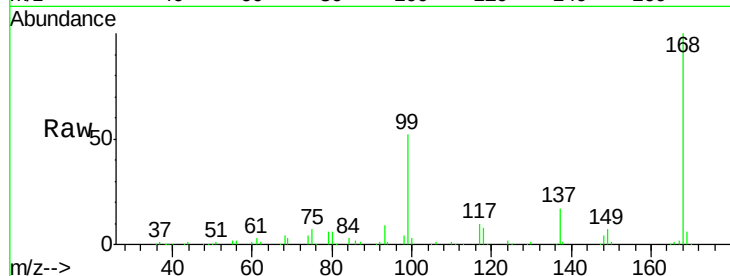
TP-BS

Tot Ion:168 Resp: 101516

Ion Ratio Lower Upper

168 100

99 52.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

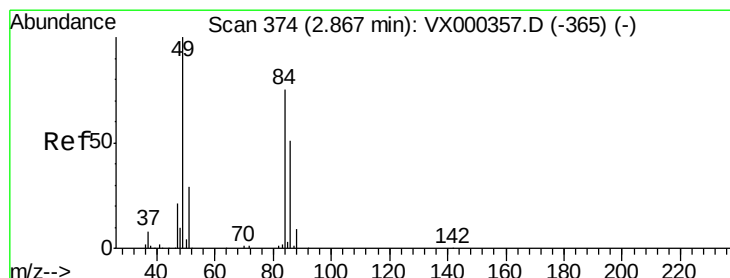
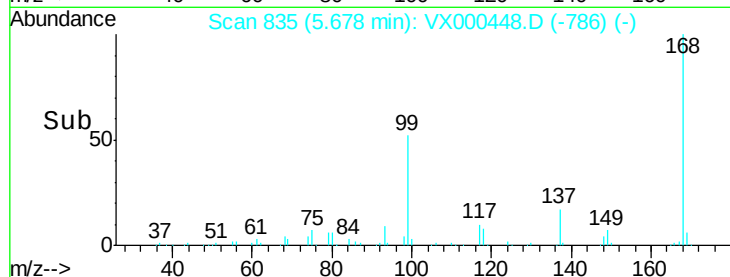
20000

10000

0

Time-->

5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.61 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000448.D

Acq: 26 Mar 2018 18:20

Tgt Ion: 84 Resp: 2044

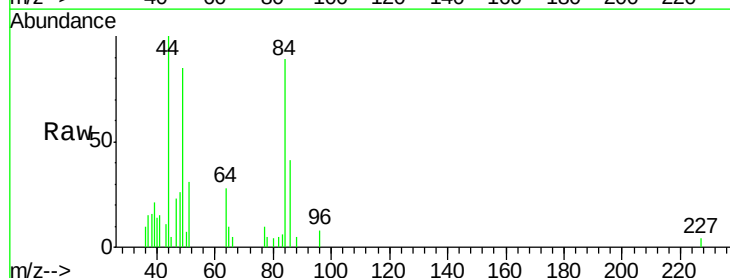
Ion Ratio Lower Upper

84 100

49 95.2 100.6 151.0#

51 34.7 31.6 47.4

86 46.1 52.6 78.8#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2000

1500

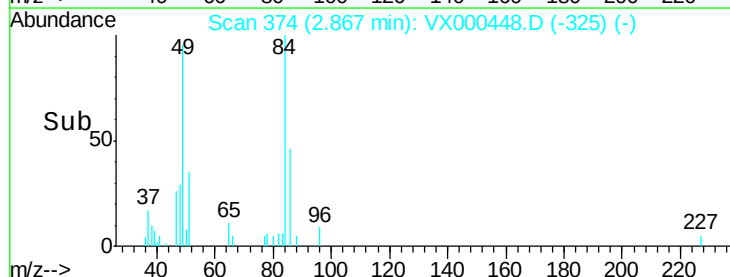
1000

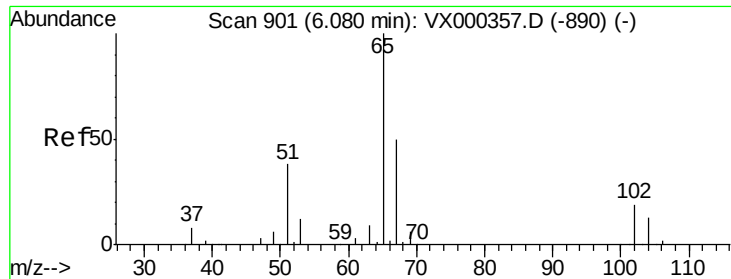
500

0

Time-->

2.80 2.85 2.90

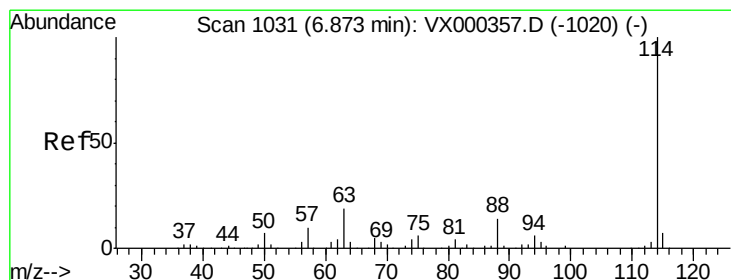
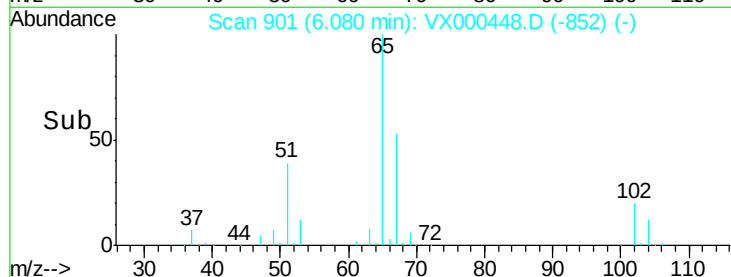
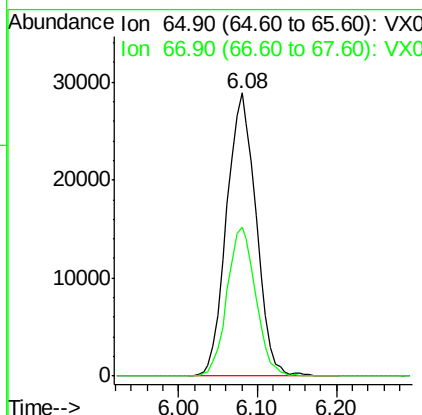
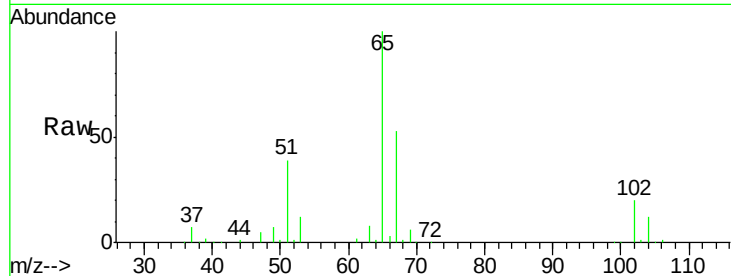




#33
 1,2-Dichloroethane-d4
 Concen: 56.78 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000448.D
 Acq: 26 Mar 2018 18:20

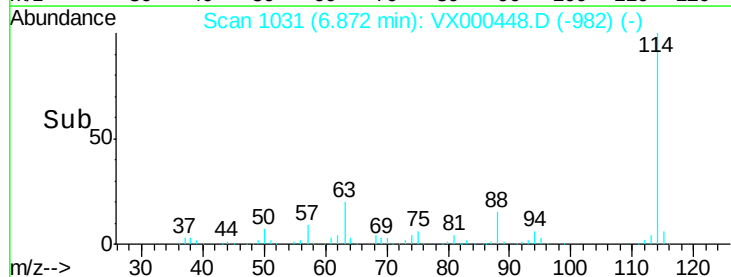
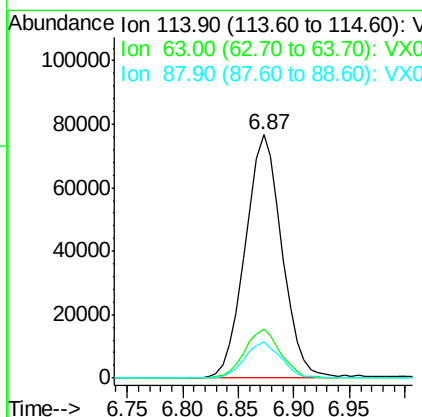
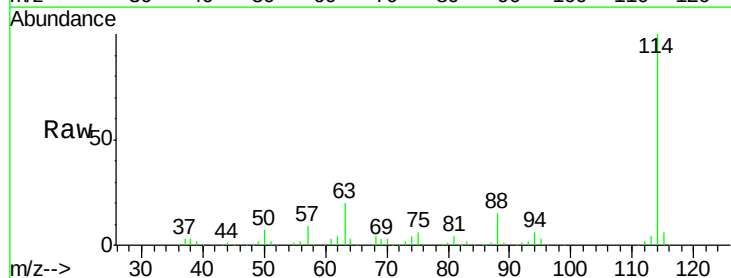
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-BS

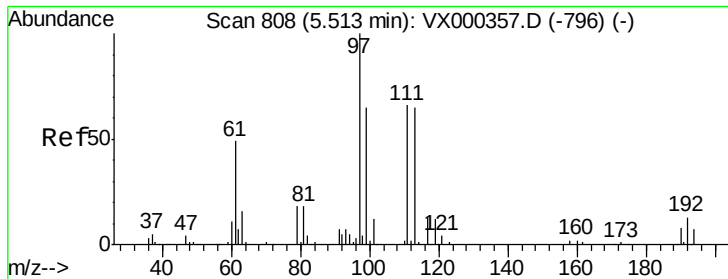
Tot Ion: 65 Resp: 75240
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000448.D
 Acq: 26 Mar 2018 18:20

Tgt Ion: 114 Resp: 176541
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.4
 88 14.7 0.0 27.0

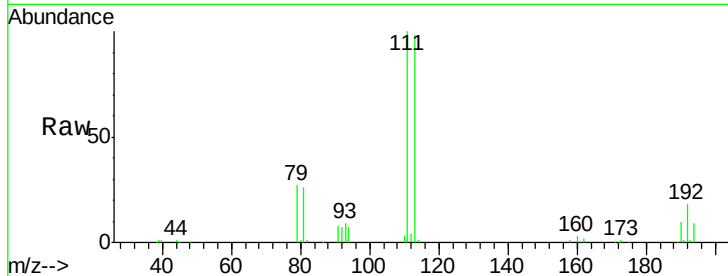




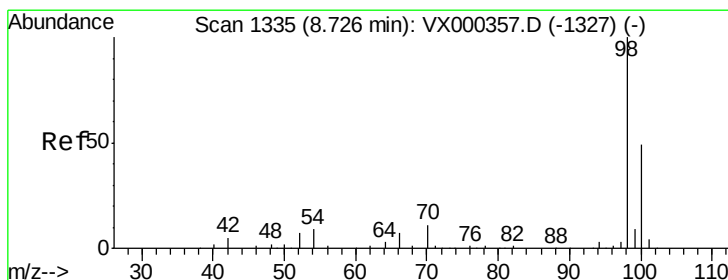
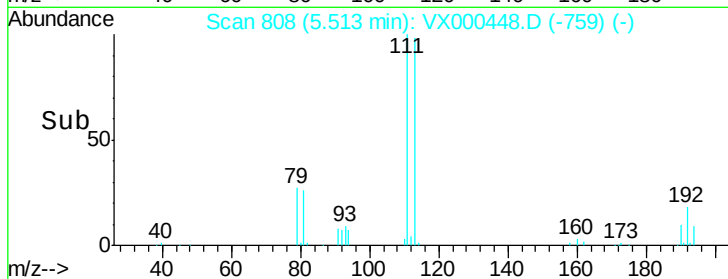
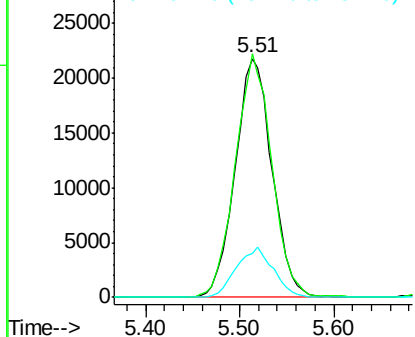
#35
 Dibromofluoromethane
 Concen: 53.49 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000448.D
 Acq: 26 Mar 2018 18:20

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-BS

Tot Ion:113 Resp: 59505
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.4 123.6
 192 21.0 15.8 23.6

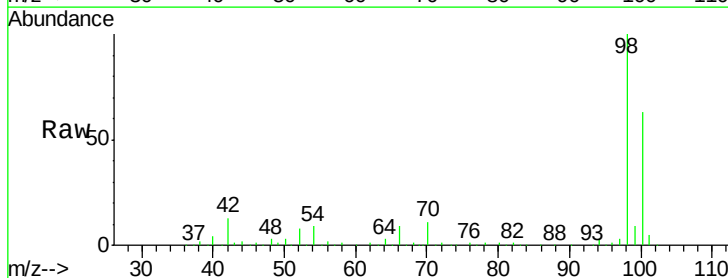


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

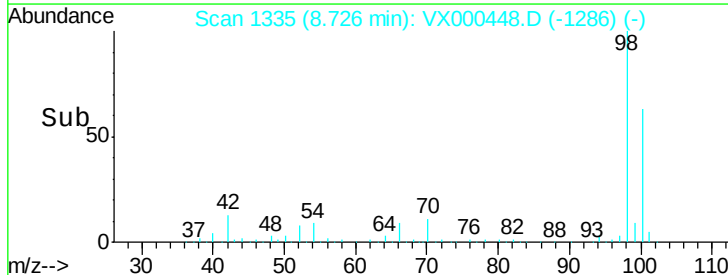
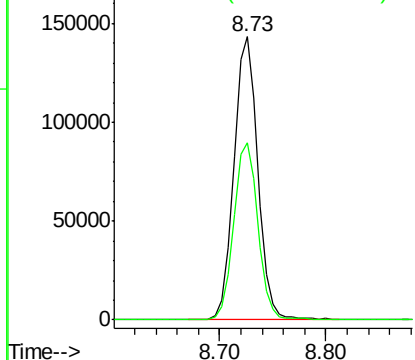


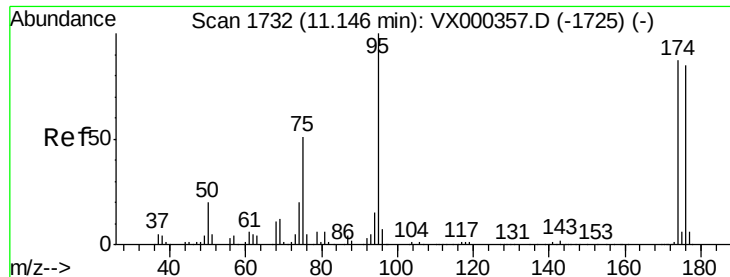
#50
 Toluene-d8
 Concen: 49.05 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000448.D
 Acq: 26 Mar 2018 18:20

Tgt Ion: 98 Resp: 225953
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

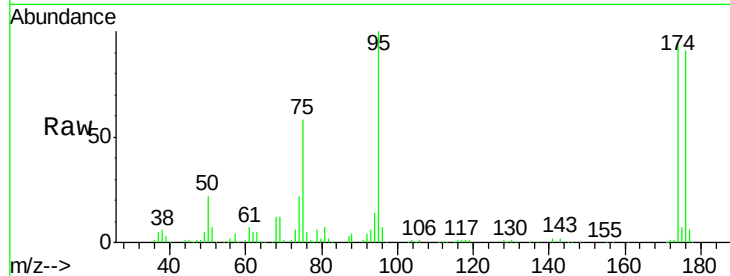




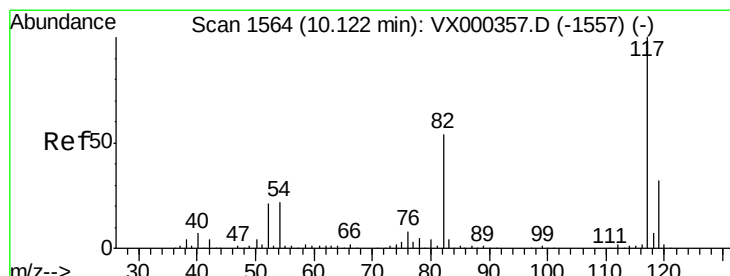
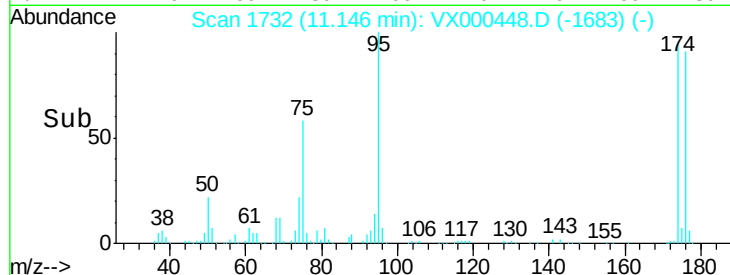
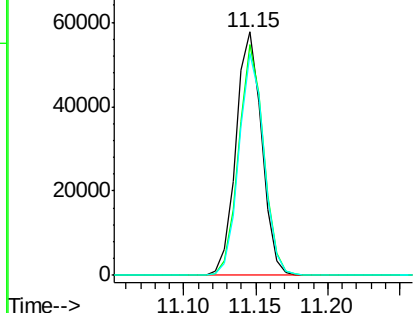
#62
4-Bromofluorobenzene
Concen: 38.64 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000448.D
Acq: 26 Mar 2018 18:20

Instrument :
MSVOA_X
ClientSampleId :
TP-BS

Tot Ion: 95 Resp: 72098
Ion Ratio Lower Upper
95 100
174 91.1 0.0 173.6
176 87.7 0.0 164.6

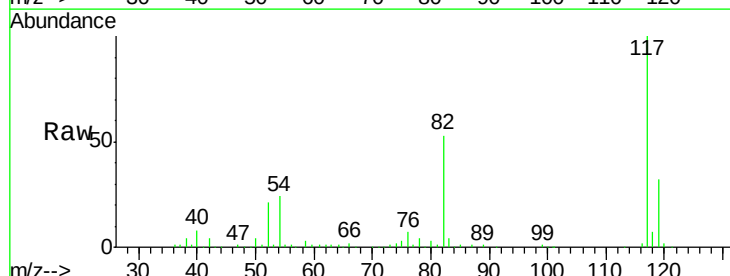


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

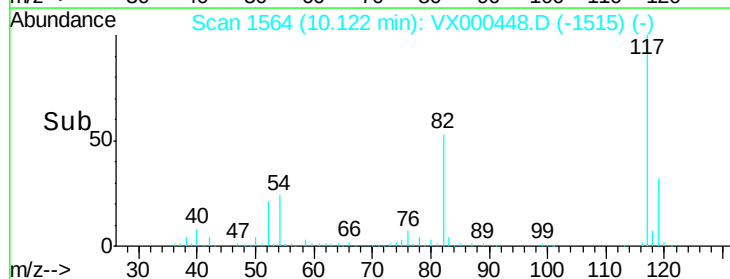
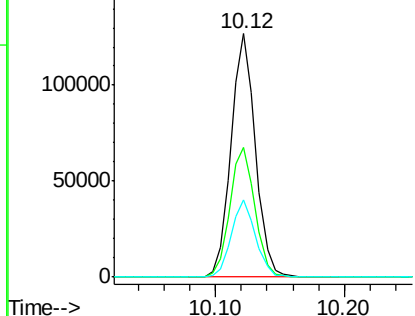


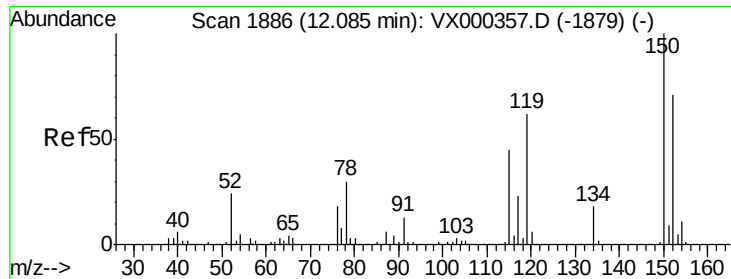
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000448.D
Acq: 26 Mar 2018 18:20

Tgt Ion: 117 Resp: 168256
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.8
119 31.7 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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000448.D

Acq: 26 Mar 2018 18:20

Instrument :

MSVOA_X

ClientSampled :

TP-BS

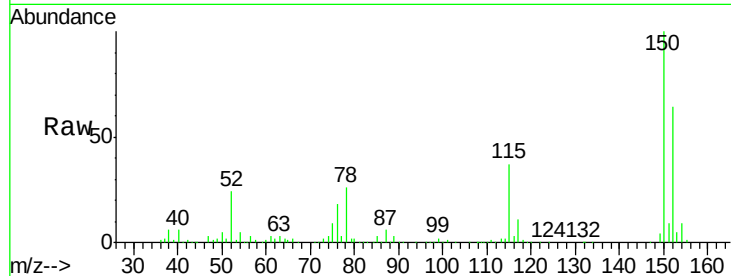
Tot Ion:152 Resp: 79450

Ion Ratio Lower Upper

152 100

115 55.2 39.8 119.3

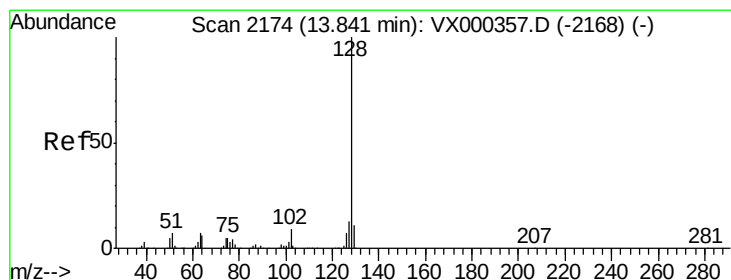
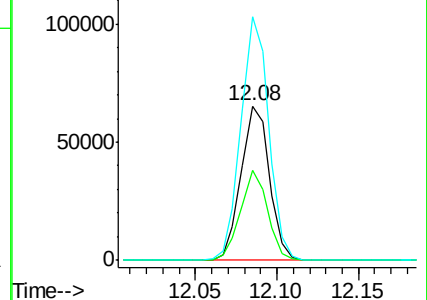
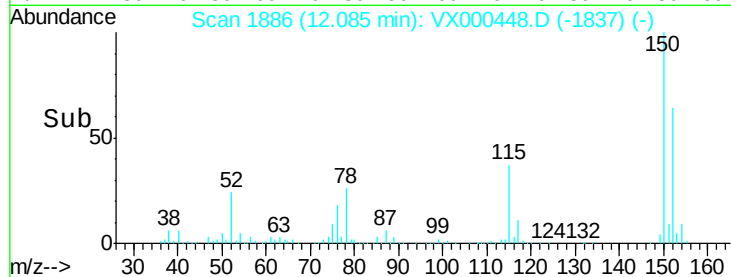
150 154.5 0.0 344.4



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: 2.70 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000448.D

Acq: 26 Mar 2018 18:20

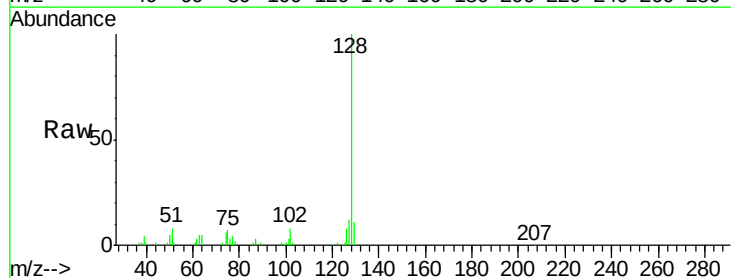
Tgt Ion:128 Resp: 17513

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.8 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

