

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000368.D
 Acq On : 20 Mar 2018 18:54
 Operator : JC/MD
 Sample : J1977-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP

Quant Time: Mar 21 05:12:23 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

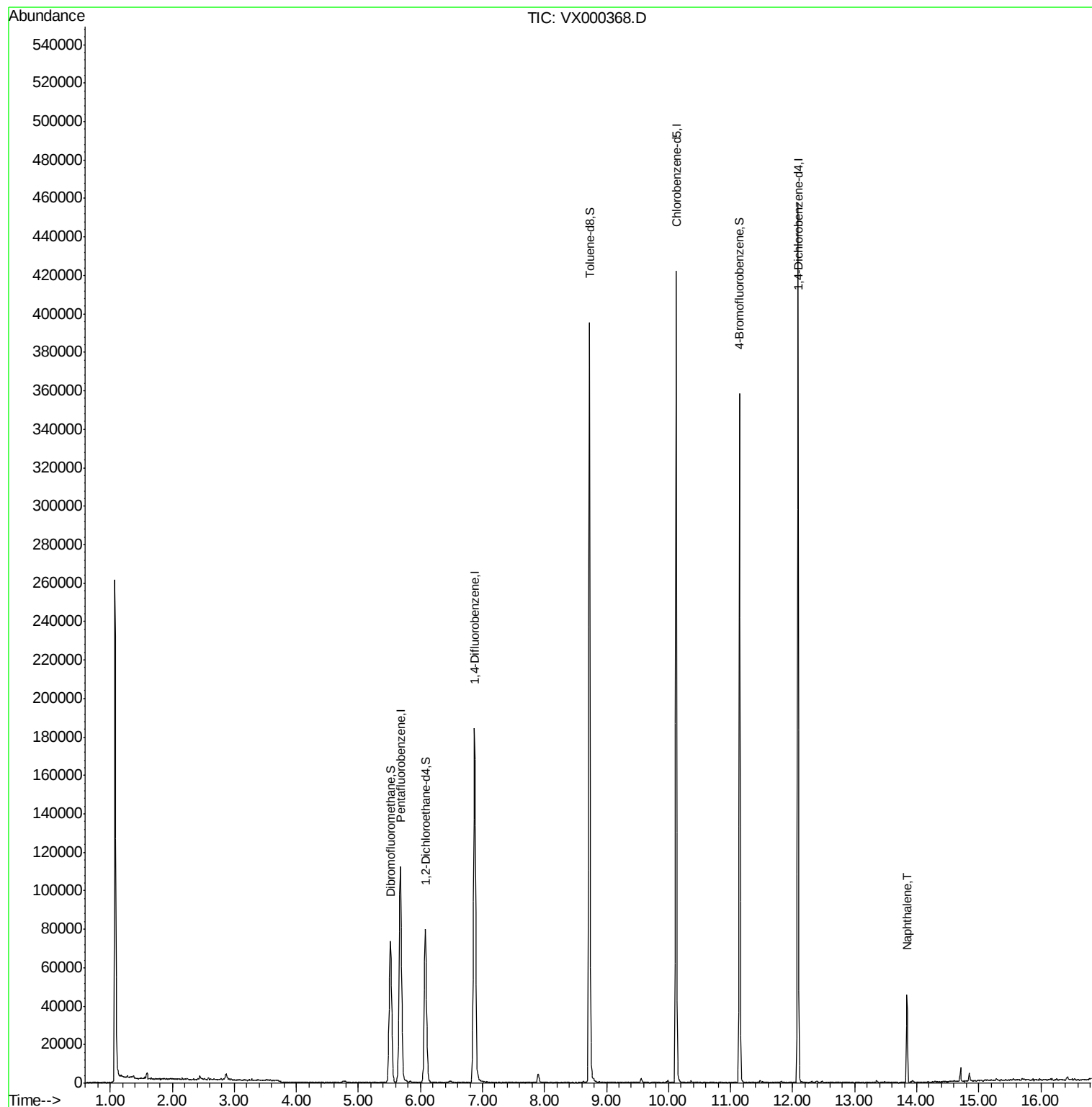
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	106217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185718	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	74723	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
35) Dibromofluoromethane	5.52	113	58641	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	8.73	98	230371	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	11.15	95	77380	39.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.58%	
Target Compounds						
95) Naphthalene	13.84	128	26284	3.75	ug/l	Qvalue 98

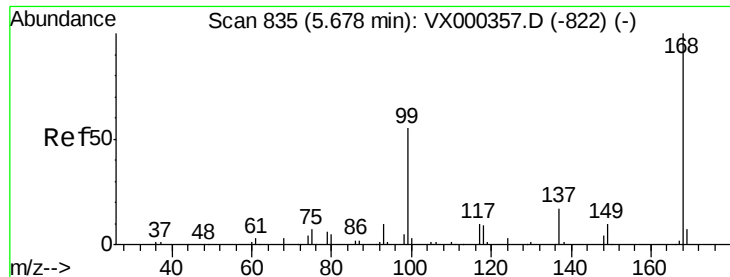
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000368.D

Acq: 20 Mar 2018 18:54

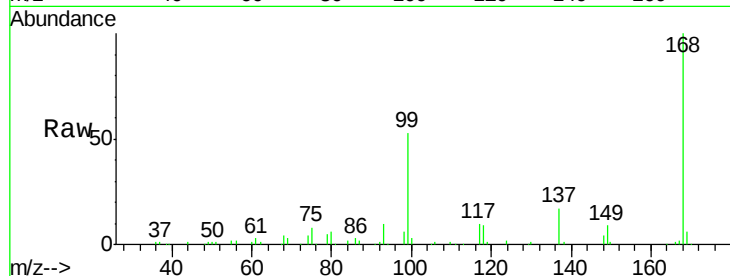
Instrument :
MSVOA_X
ClientSampled :
SP

Tot Ion:168 Resp: 106217

Ion Ratio Lower Upper

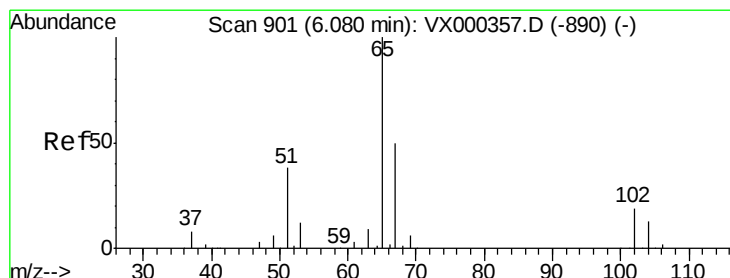
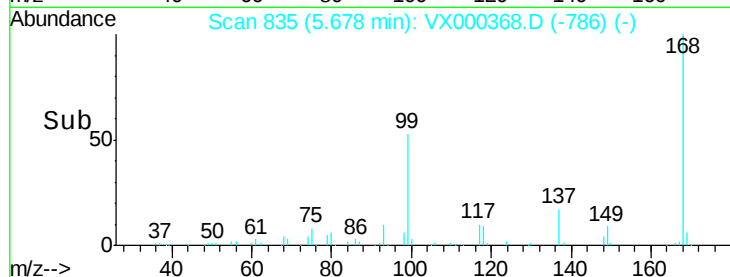
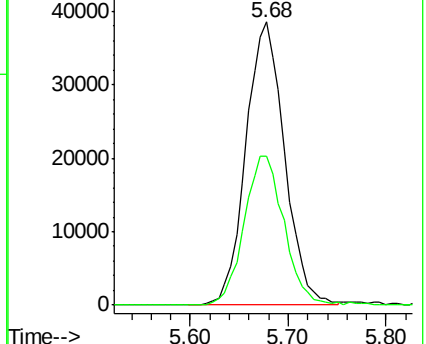
168 100

99 52.6 45.8 68.6



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: 53.89 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000368.D

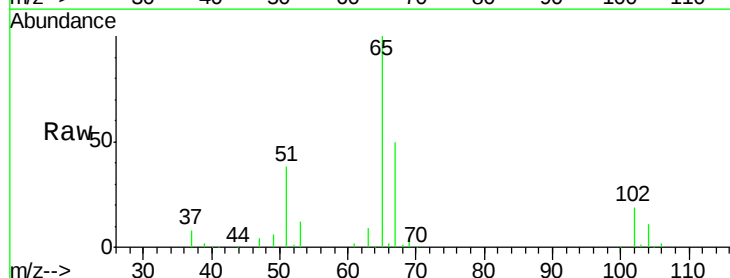
Acq: 20 Mar 2018 18:54

Tgt Ion: 65 Resp: 74723

Ion Ratio Lower Upper

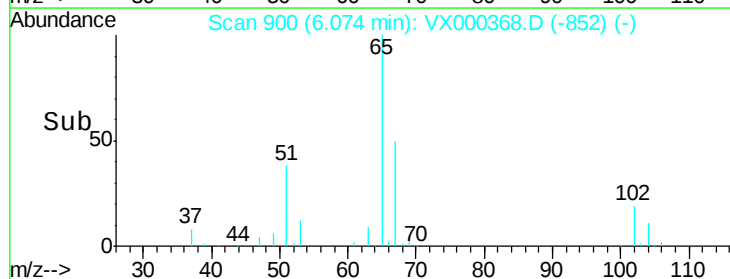
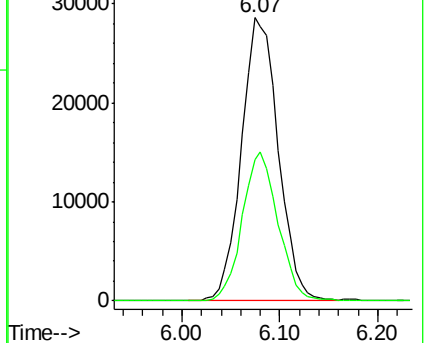
65 100

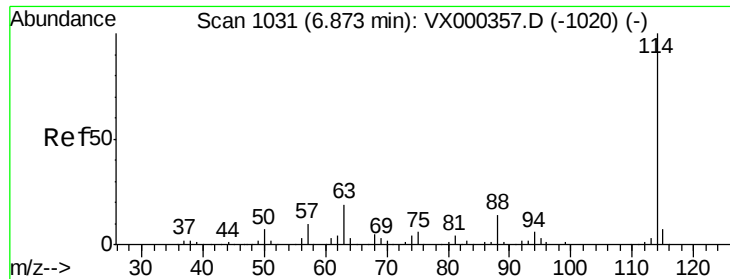
67 51.1 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

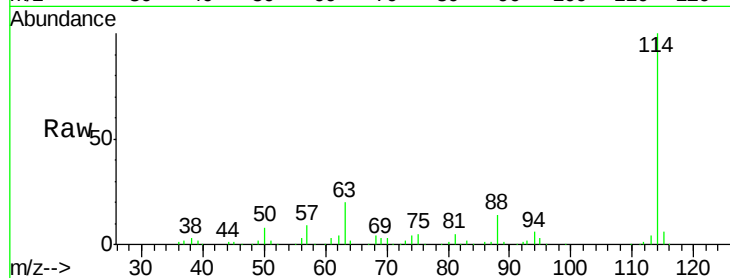




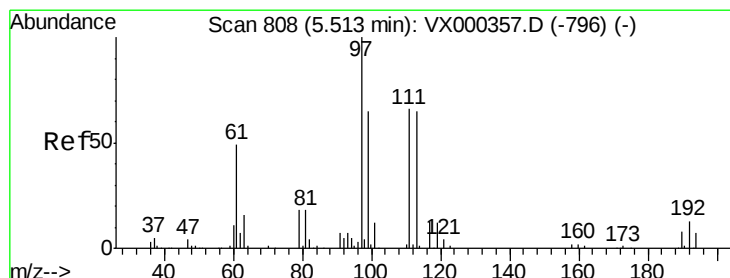
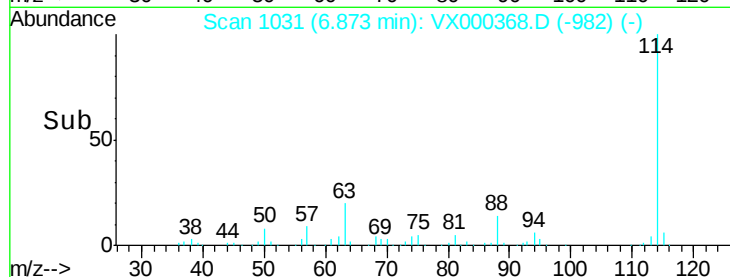
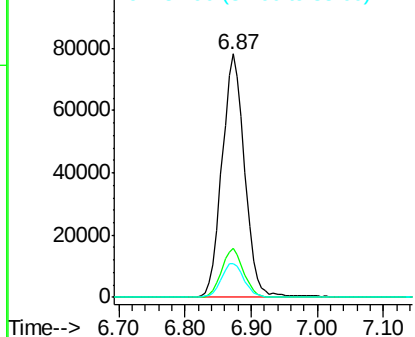
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000368.D
 Acq: 20 Mar 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SP

Tot Ion:114 Resp: 185718
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 13.9 0.0 27.0

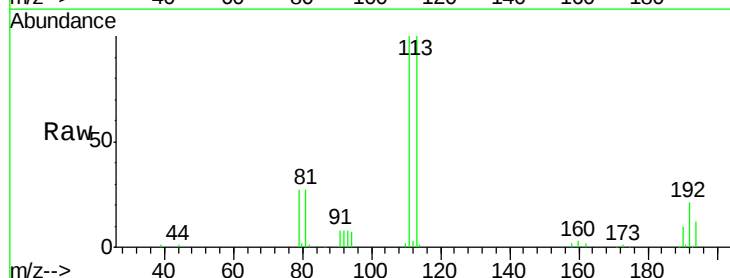


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

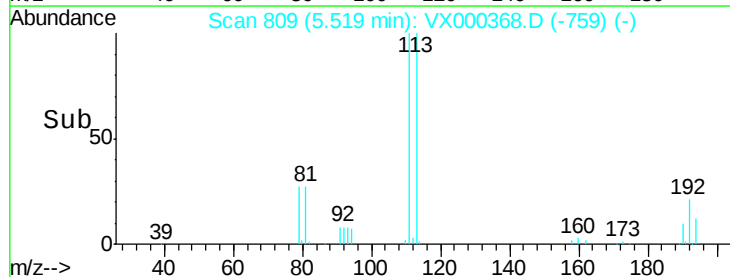
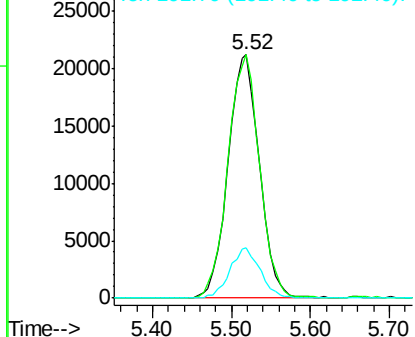


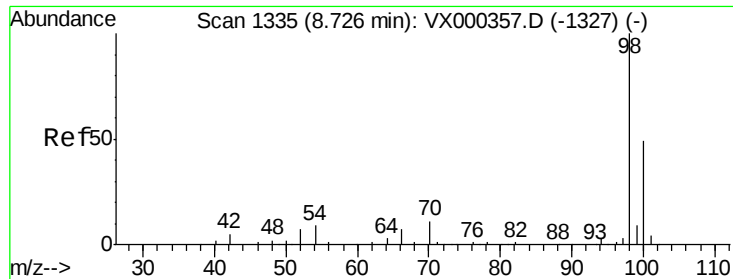
#35
 Dibromofluoromethane
 Concen: 50.11 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000368.D
 Acq: 20 Mar 2018 18:54

Tgt Ion:113 Resp: 58641
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.4 123.6
 192 19.9 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: 47.53 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000368.D

Acq: 20 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

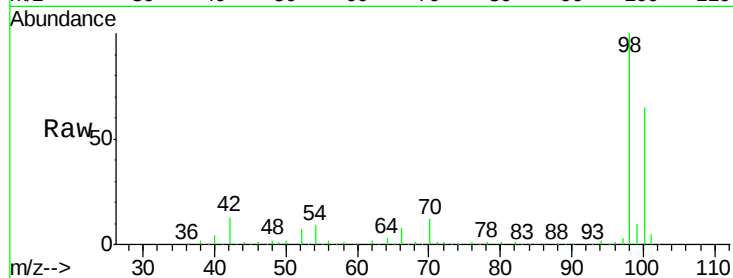
SP

Tot Ion: 98 Resp: 230371

Ion Ratio Lower Upper

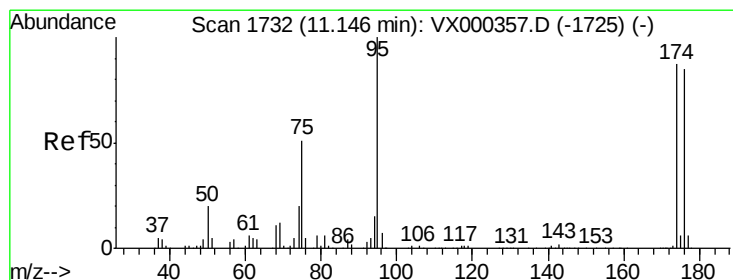
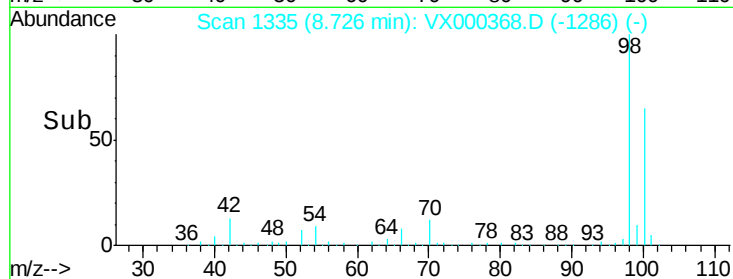
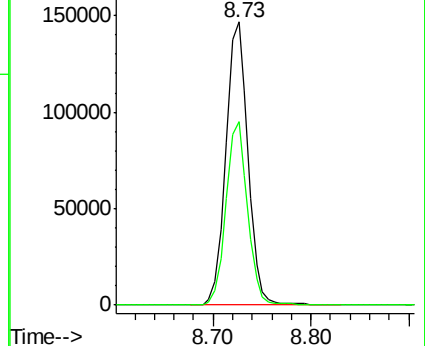
98 100

100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 39.29 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000368.D

Acq: 20 Mar 2018 18:54

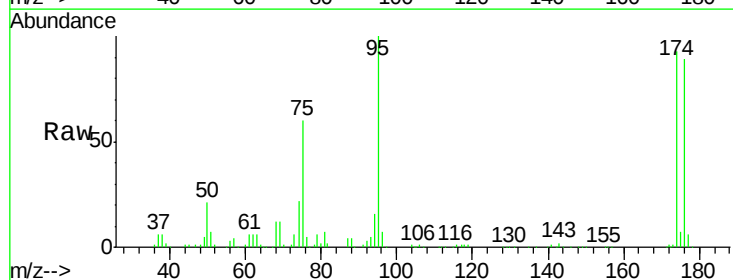
Tgt Ion: 95 Resp: 77380

Ion Ratio Lower Upper

95 100

174 90.2 0.0 173.6

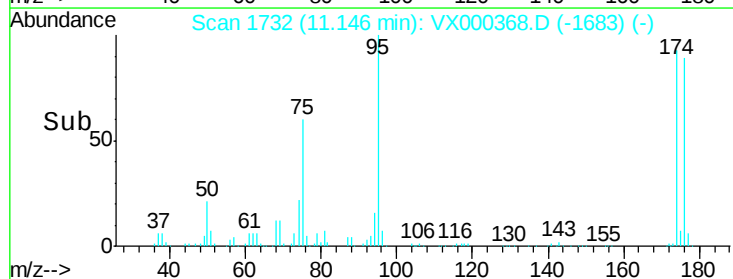
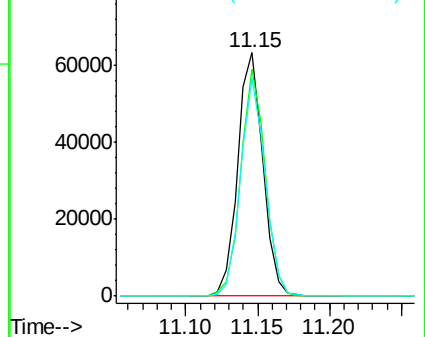
176 87.1 0.0 164.6

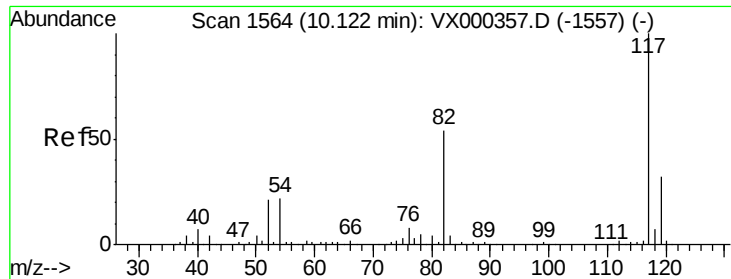


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

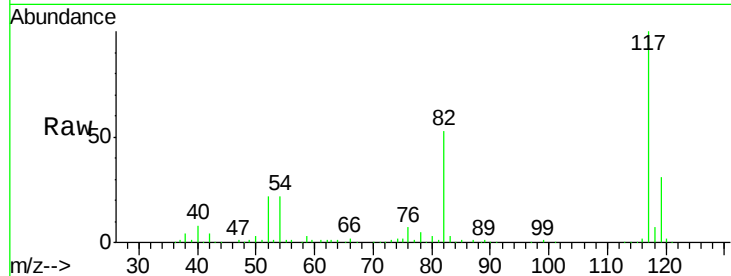




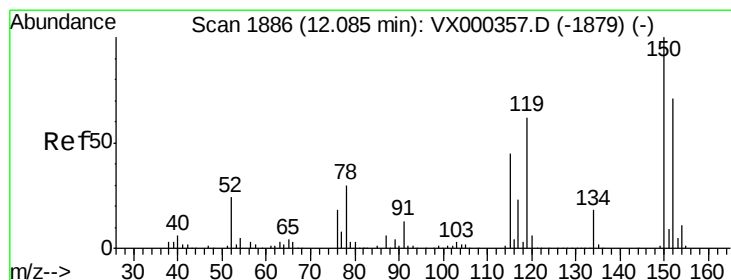
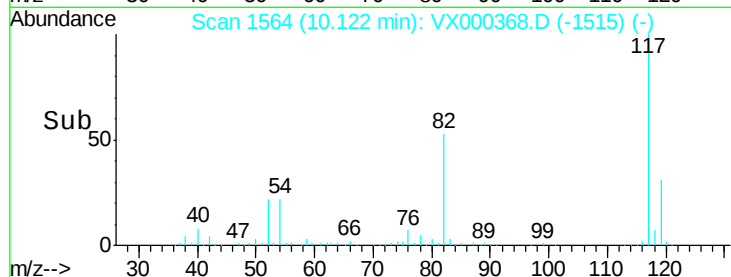
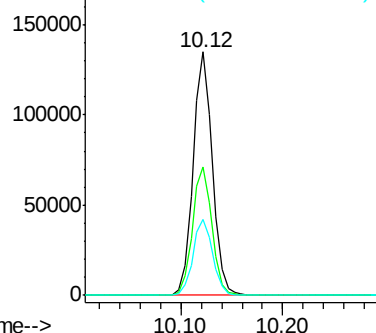
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000368.D
Acq: 20 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
SP

Tot Ion:117 Resp: 177484
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.8
119 31.3 24.9 37.3

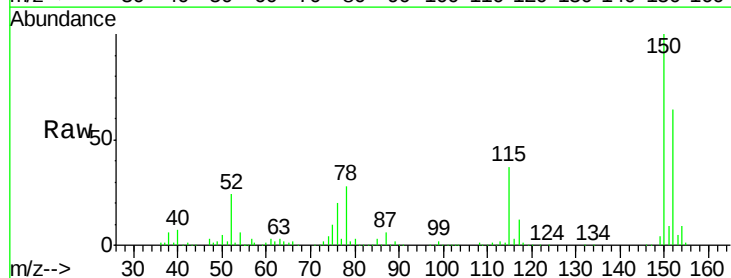


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

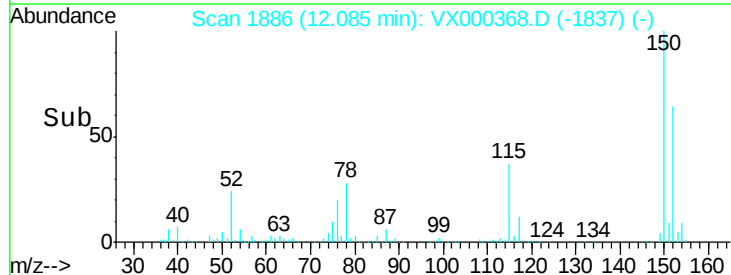
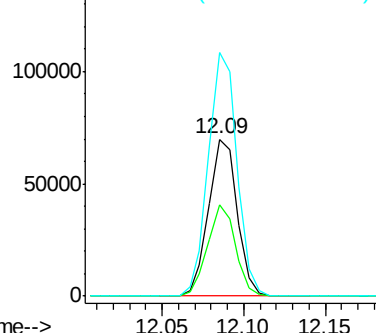


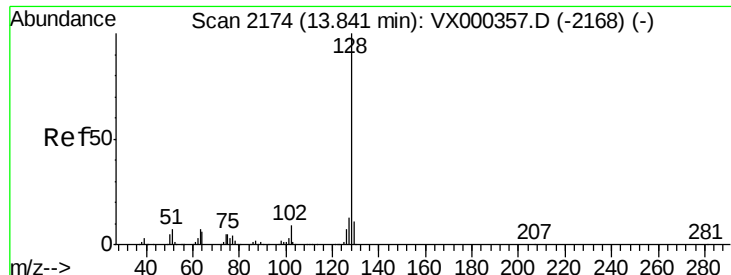
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000368.D
Acq: 20 Mar 2018 18:54

Tgt Ion:152 Resp: 85795
Ion Ratio Lower Upper
152 100
115 56.6 39.8 119.3
150 155.1 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: 3.75 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000368.D

Acq: 20 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

SP

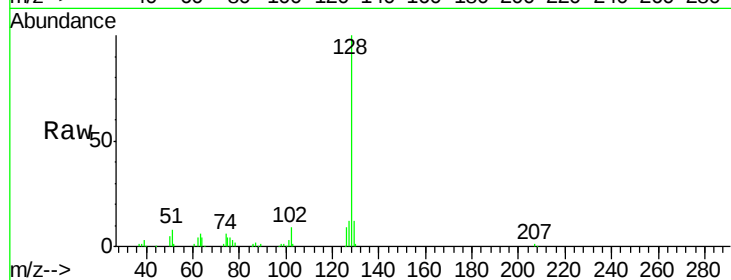
Tot Ion:128 Resp: 26284

Ion Ratio Lower Upper

128 100

127 12.0 10.6 15.8

129 11.3 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

