

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000680.D
 Acq On : 05 Apr 2018 01:32
 Operator : JC/MD
 Sample : J2197-05 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP

Quant Time: Apr 05 05:57:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

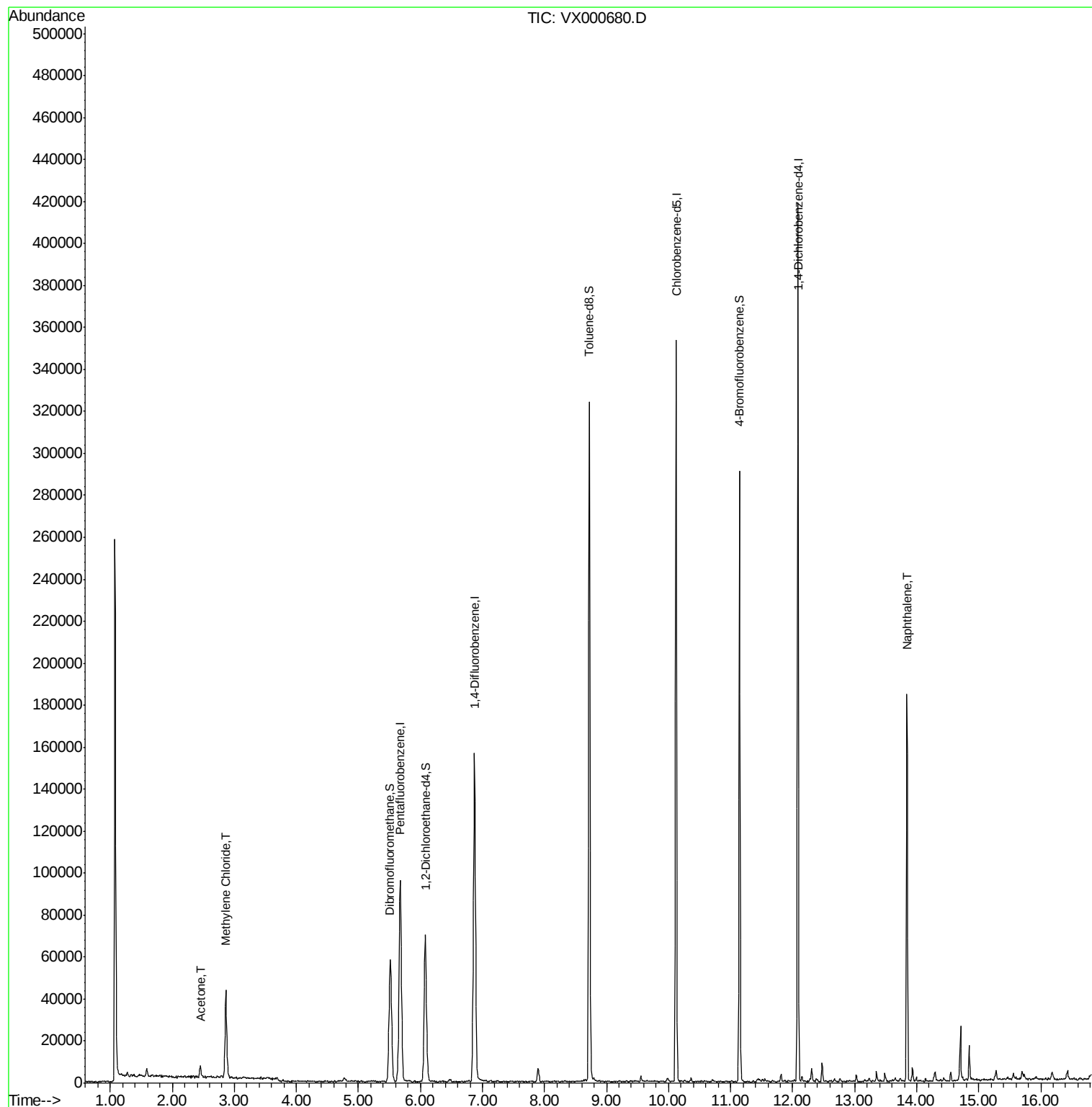
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	83385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	144703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	143168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	71153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	63821	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	
35) Dibromofluoromethane	5.51	113	46564	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	8.73	98	183697	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.46%	
62) 4-Bromofluorobenzene	11.15	95	62330	37.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.98%	
Target Compounds						
16) Acetone	2.45	43	5945	5.10	ug/l	# 82
20) Methylene Chloride	2.86	84	18077	13.60	ug/l	96
95) Naphthalene	13.84	128	100026	18.68	ug/l	99

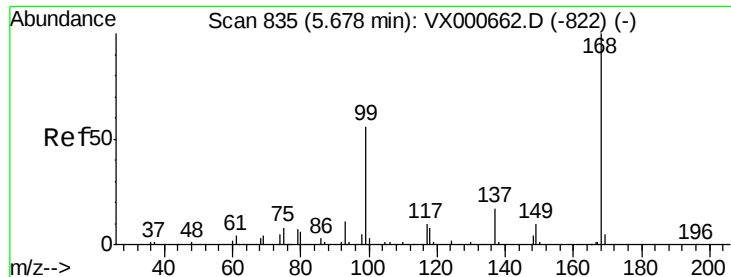
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000680.D

Acq: 05 Apr 2018 01:32

Instrument :

MSVOA_X

ClientSampled :

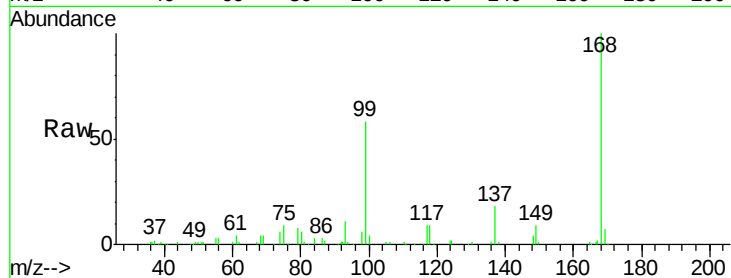
SP

Tot Ion:168 Resp: 83385

Ion Ratio Lower Upper

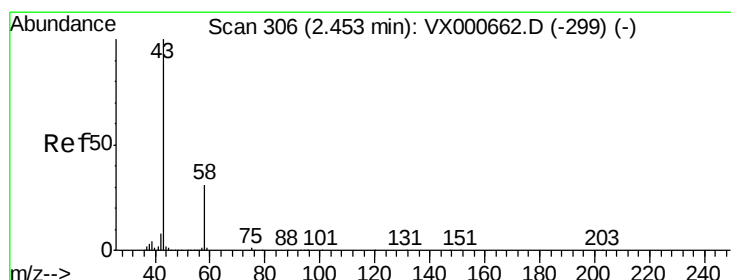
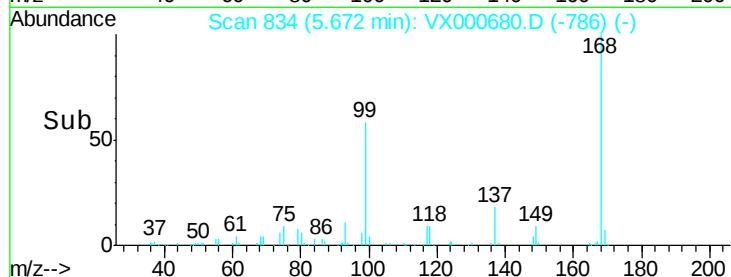
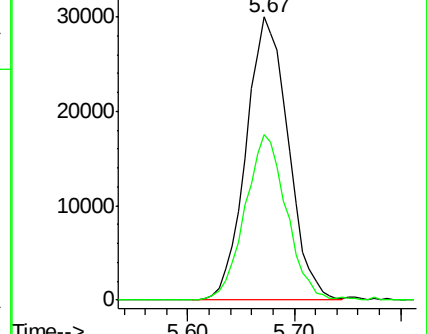
168 100

99 58.5 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.10 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000680.D

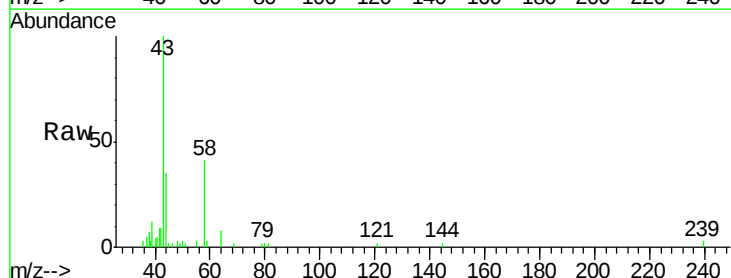
Acq: 05 Apr 2018 01:32

Tgt Ion: 43 Resp: 5945

Ion Ratio Lower Upper

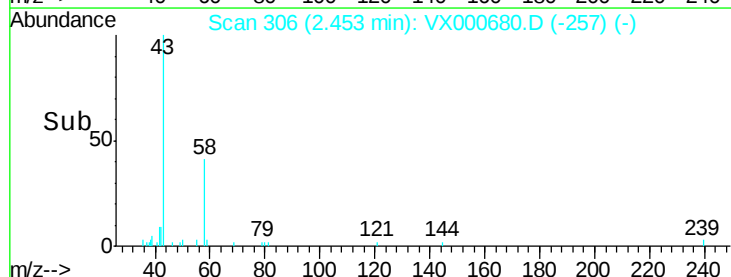
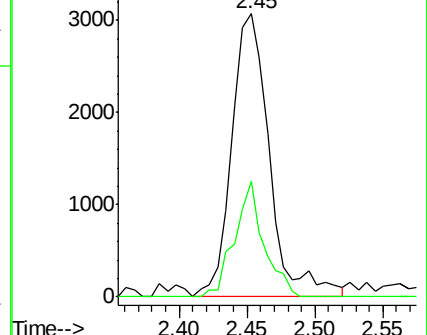
43 100

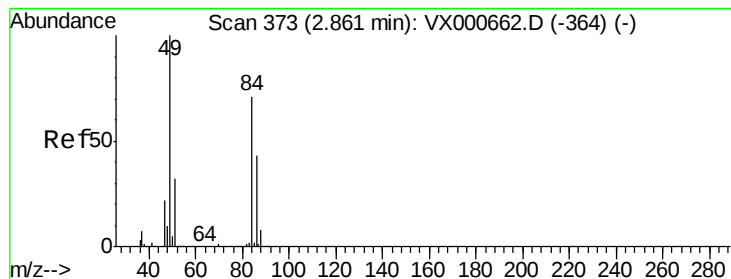
58 40.9 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 13.60 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000680.D

Acq: 05 Apr 2018 01:32

Instrument :

MSVOA_X

ClientSampled :

SP

Tot Ion: 84 Resp: 18077

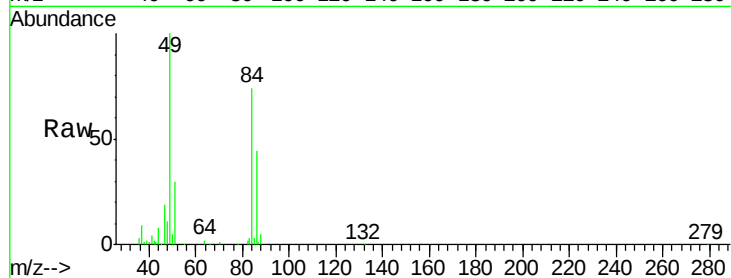
Ion Ratio Lower Upper

84 100

49 134.6 112.1 168.1

51 39.7 35.4 53.0

86 59.9 48.7 73.1

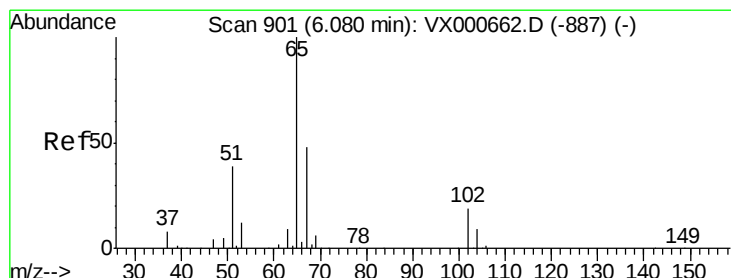
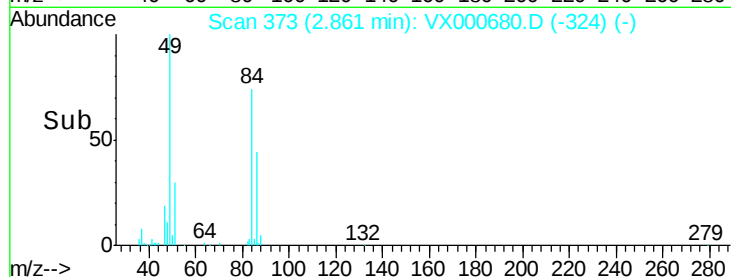
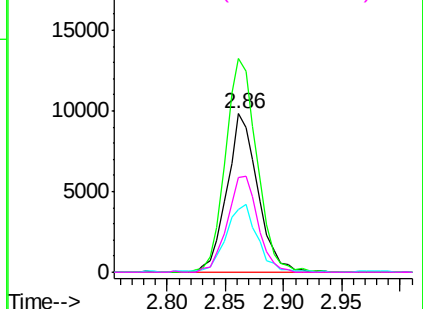


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#33

1,2-Dichloroethane-d4

Concen: 45.05 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000680.D

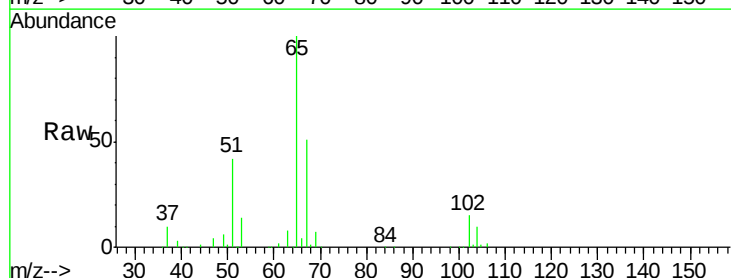
Acq: 05 Apr 2018 01:32

Tgt Ion: 65 Resp: 63821

Ion Ratio Lower Upper

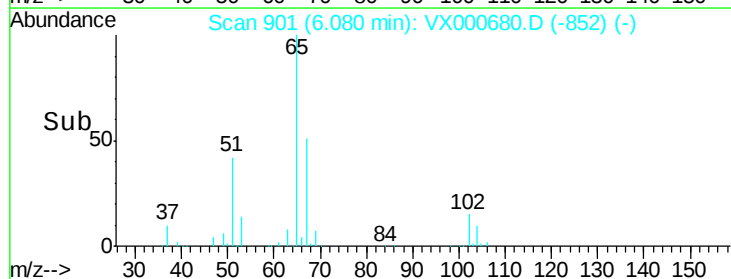
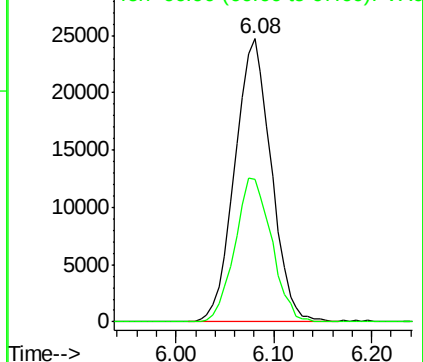
65 100

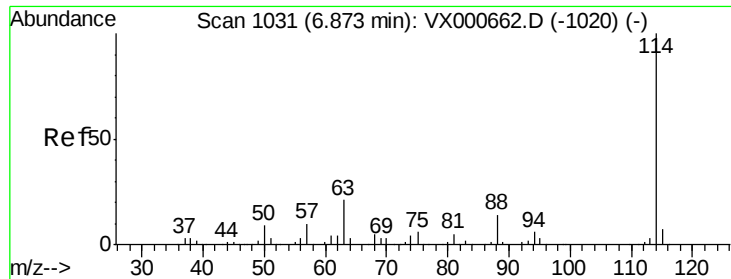
67 51.4 0.0 99.8



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: VX000680.D

Acq: 05 Apr 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

SP

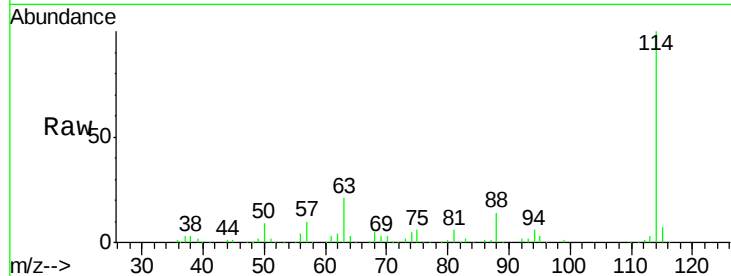
Tot Ion:114 Resp: 144703

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

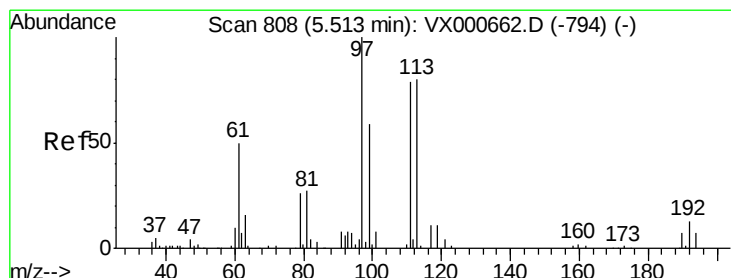
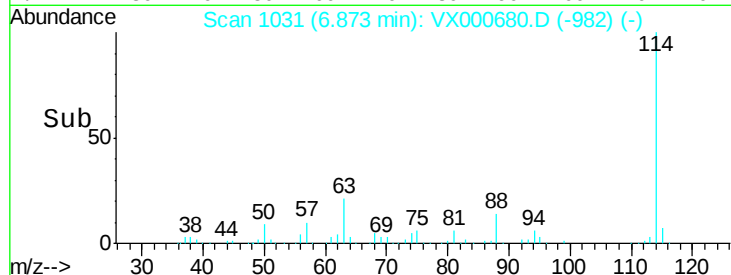
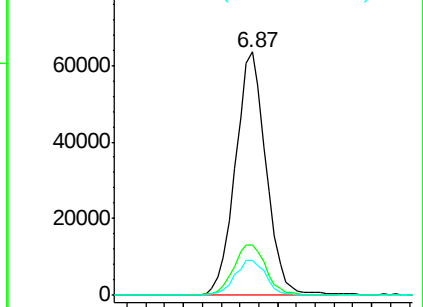
88 14.3 0.0 28.6



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: 47.14 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000680.D

Acq: 05 Apr 2018 01:32

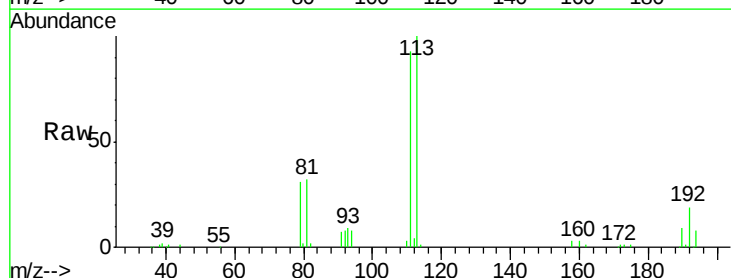
Tgt Ion:113 Resp: 46564

Ion Ratio Lower Upper

113 100

111 99.9 82.0 123.0

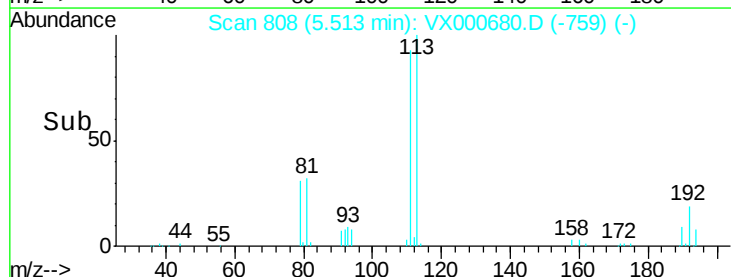
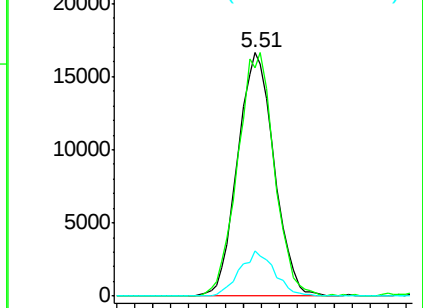
192 17.8 14.3 21.5

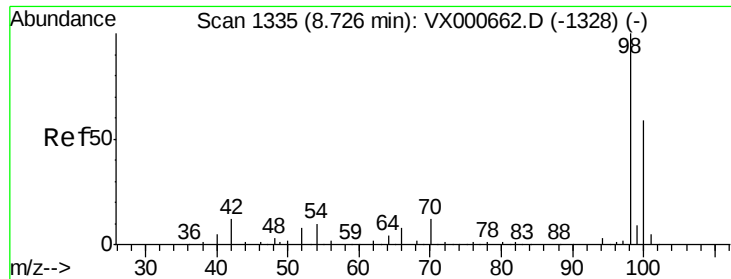


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

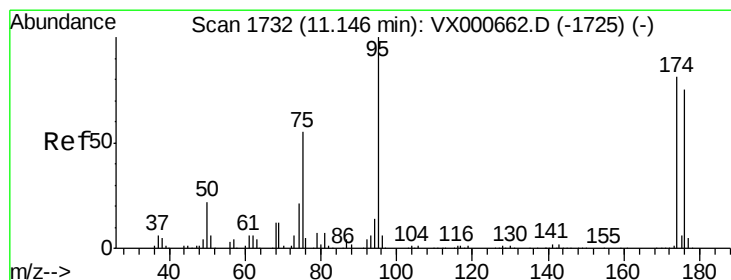
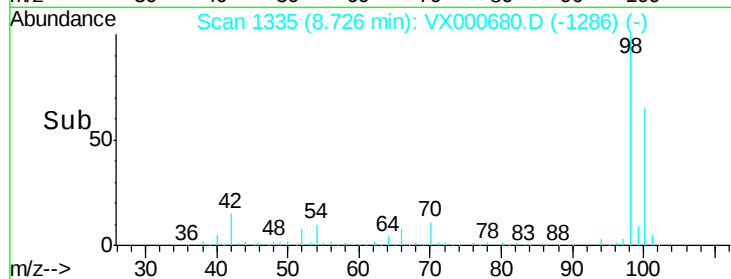
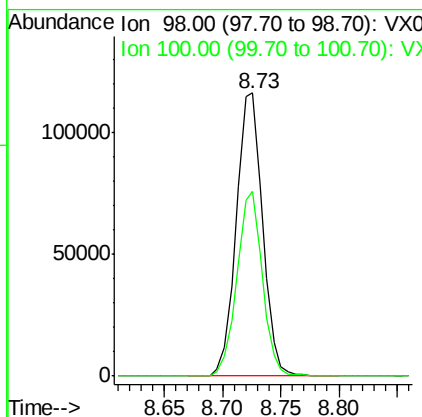
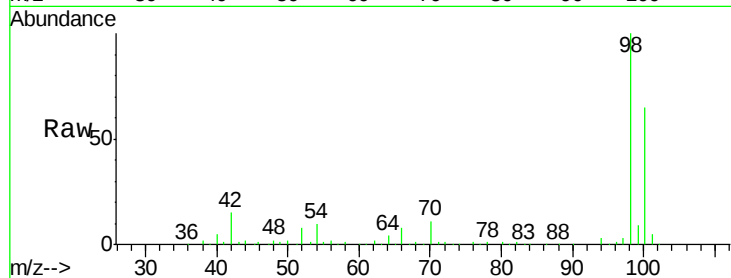




#50
Toluene-d8
Concen: 43.73 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000680.D
Acq: 05 Apr 2018 01:32

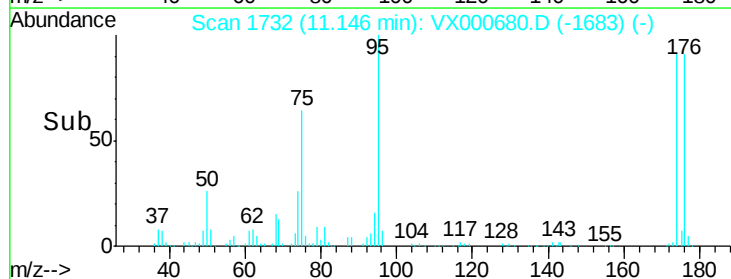
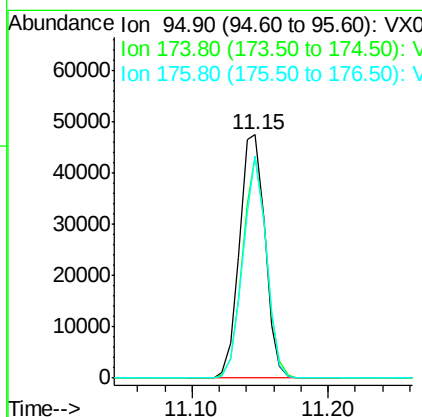
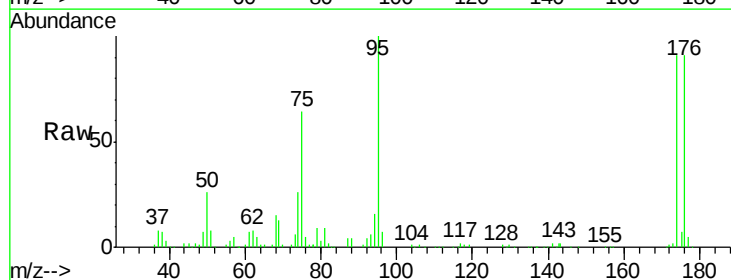
Instrument :
MSVOA_X
ClientSampleId :
SP

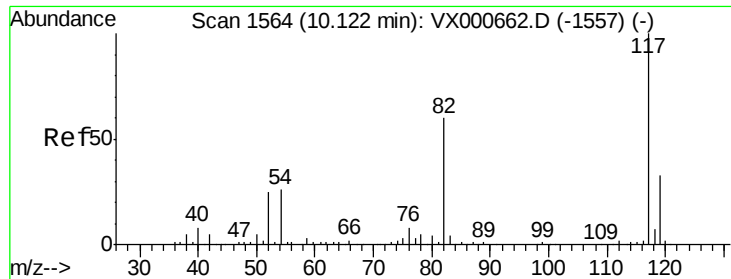
Tot Ion: 98 Resp: 183697
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 37.49 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000680.D
Acq: 05 Apr 2018 01:32

Tgt Ion: 95 Resp: 62330
Ion Ratio Lower Upper
95 100
174 84.8 0.0 156.8
176 83.1 0.0 150.6

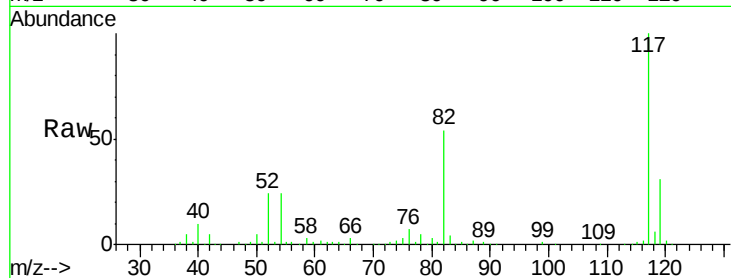




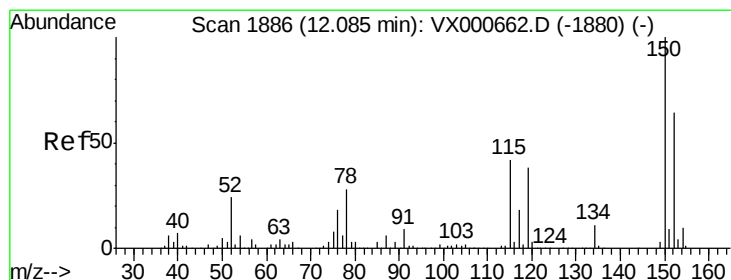
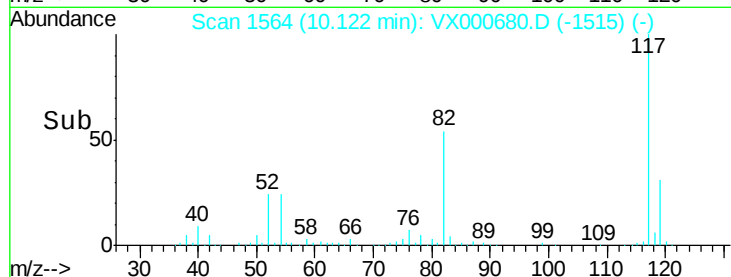
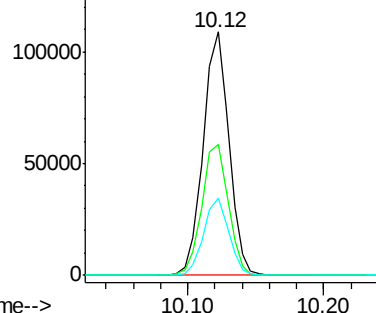
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000680.D
Acq: 05 Apr 2018 01:32

Instrument :
MSVOA_X
ClientSampled :
SP

Tot Ion:117 Resp: 143168
Ion Ratio Lower Upper
117 100
82 53.7 48.3 72.5
119 31.5 26.0 39.0

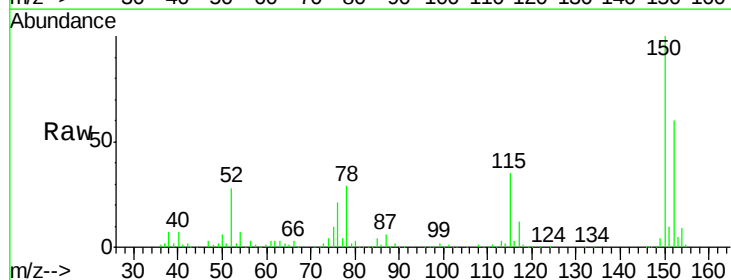


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

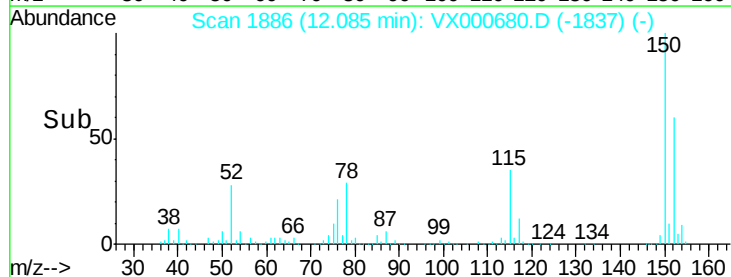
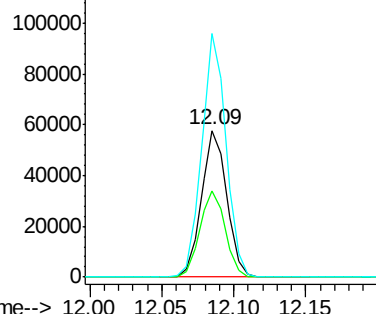


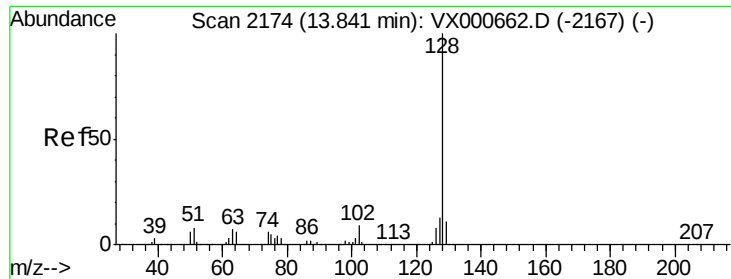
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000680.D
Acq: 05 Apr 2018 01:32

Tgt Ion:152 Resp: 71153
Ion Ratio Lower Upper
152 100
115 59.2 41.9 125.8
150 159.9 0.0 348.0



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

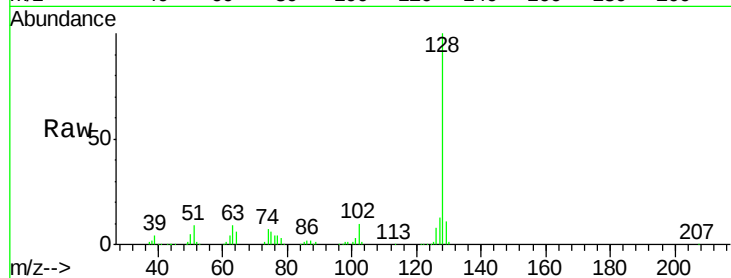




#95
Naphthalene
Concen: 18.68 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000680.D
Acq: 05 Apr 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
SP

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
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

