

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002334.D
 Acq On : 06 Jun 2018 04:50
 Operator : JC/MD
 Sample : J3308-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-09

Quant Time: Jun 06 07:57:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

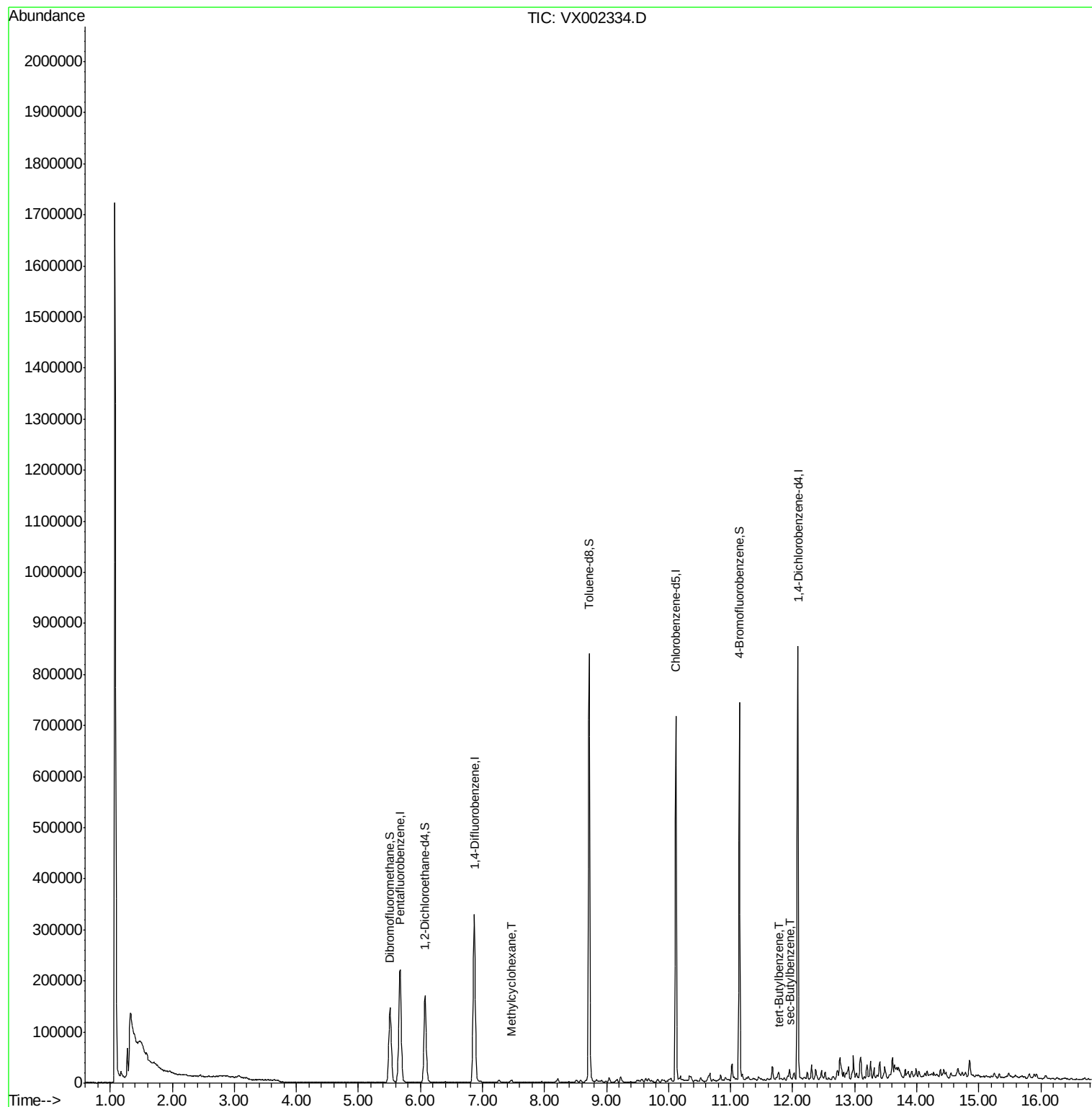
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324313	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162067	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
35) Dibromofluoromethane	5.51	113	118216	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	8.72	98	472343	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.14	95	168248	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
Target Compounds						
39) Methylcyclohexane	7.46	83	1796	0.687	ug/l	85
83) tert-Butylbenzene	11.77	119	4827	0.467	ug/l	89
85) sec-Butylbenzene	11.95	105	7886	0.650	ug/l #	75

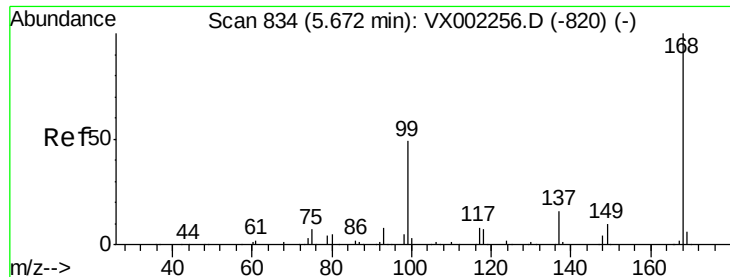
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002334.D

Acq: 06 Jun 2018 04:50

Instrument :

MSVOA_X

ClientSampled :

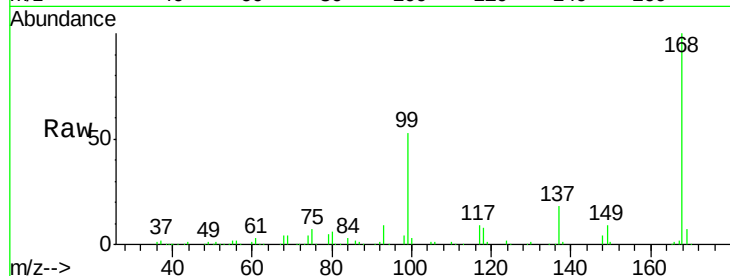
MW-09

Tot Ion:168 Resp: 219878

Ion Ratio Lower Upper

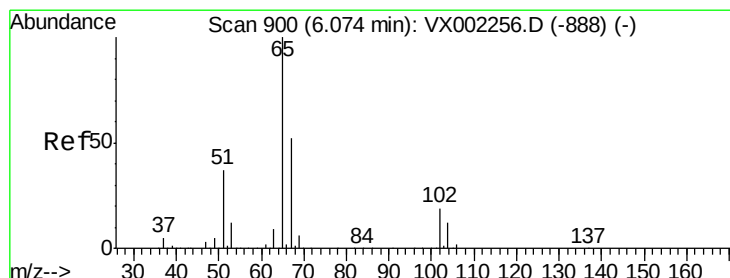
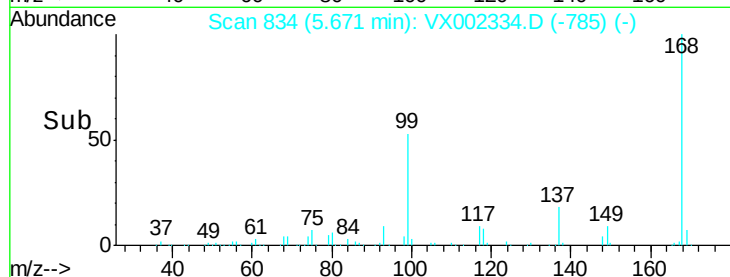
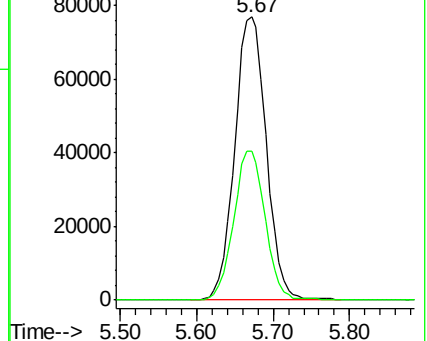
168 100

99 52.5 39.3 58.9



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: 51.659 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002334.D

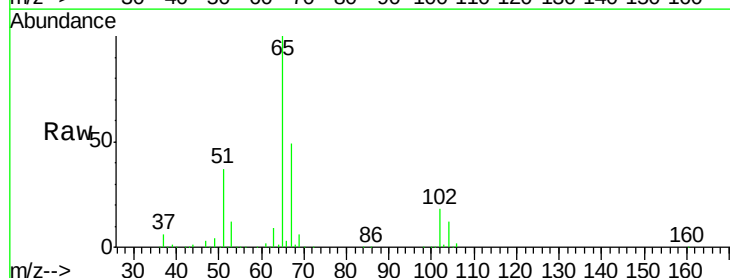
Acq: 06 Jun 2018 04:50

Tgt Ion: 65 Resp: 162067

Ion Ratio Lower Upper

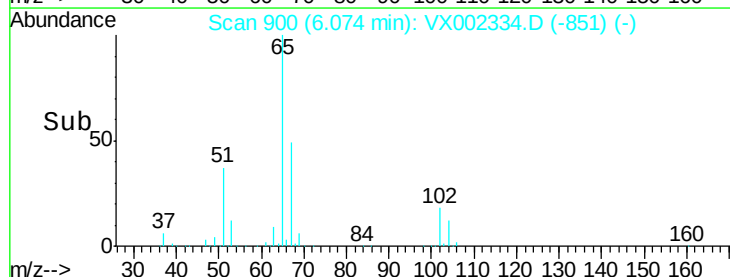
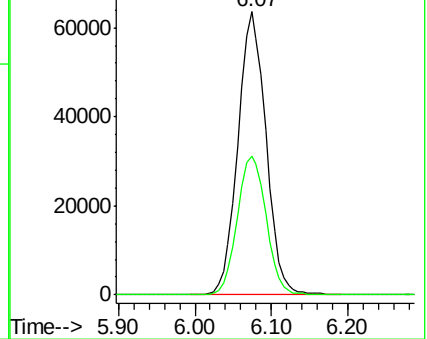
65 100

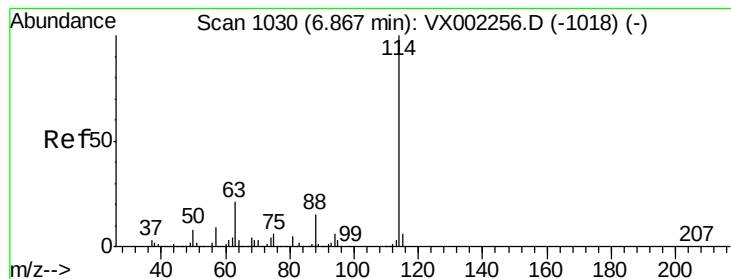
67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002334.D

Acq: 06 Jun 2018 04:50

Instrument :

MSVOA_X

ClientSampleId :

MW-09

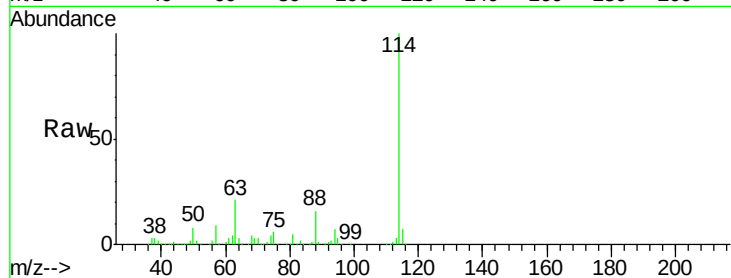
Tot Ion:114 Resp: 324313

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

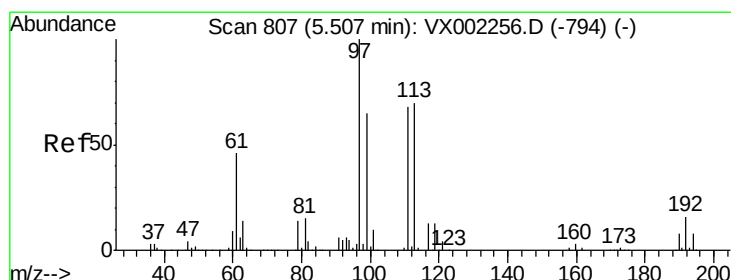
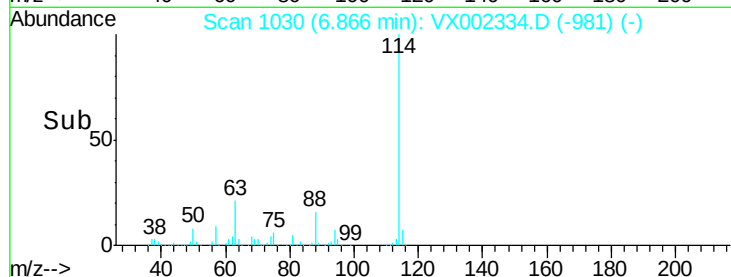
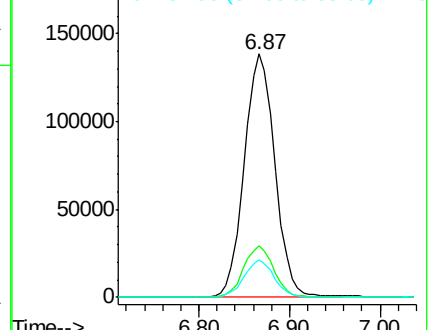
88 15.6 0.0 30.0



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: 46.352 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002334.D

Acq: 06 Jun 2018 04:50

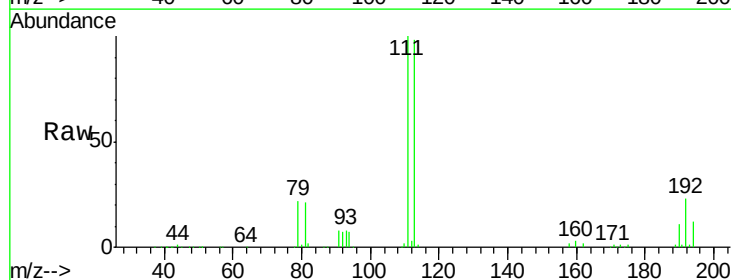
Tgt Ion:113 Resp: 118216

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

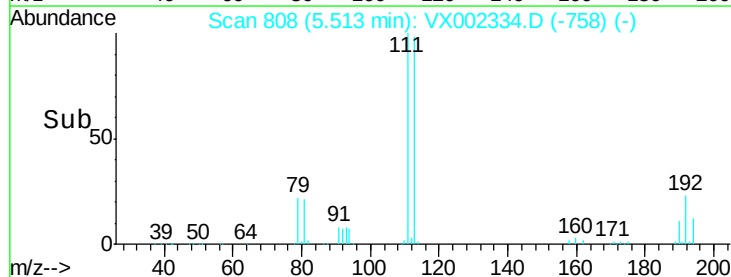
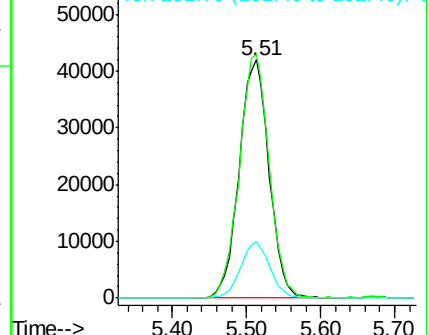
192 23.2 19.1 28.7

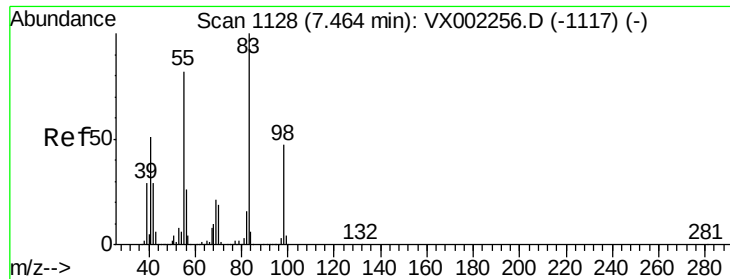


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

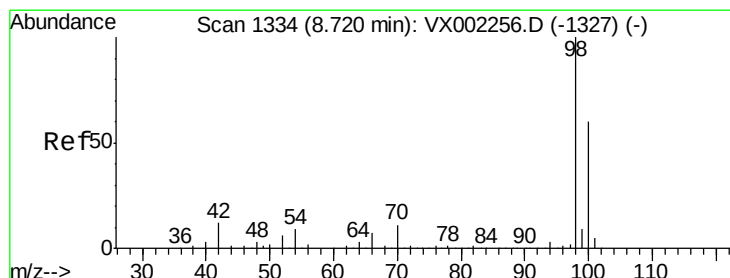
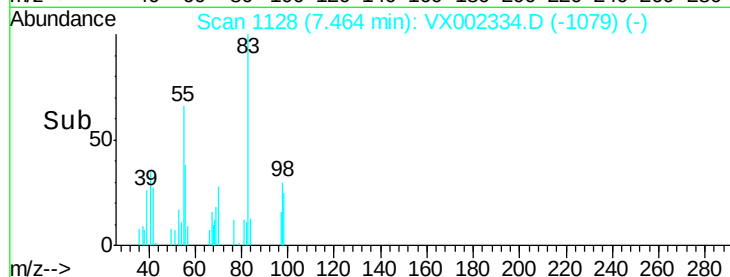
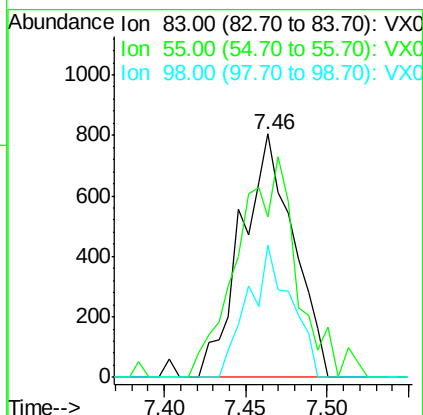
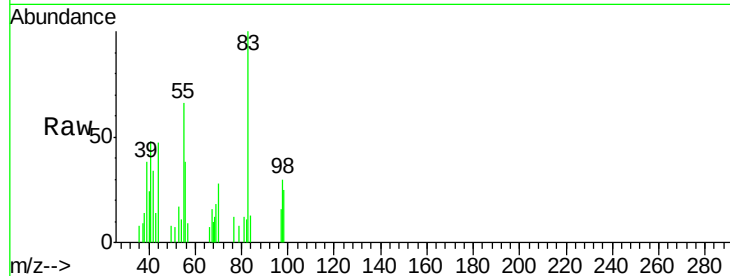




#39
Methylvlcyclohexane
Concen: 0.687 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

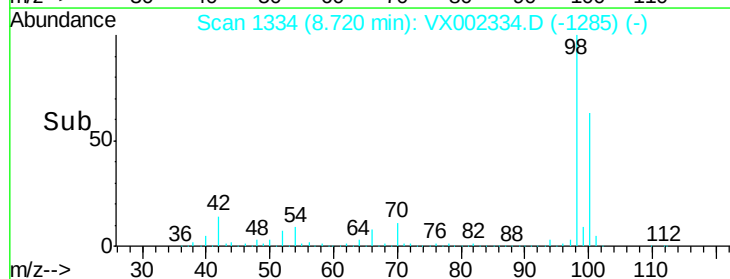
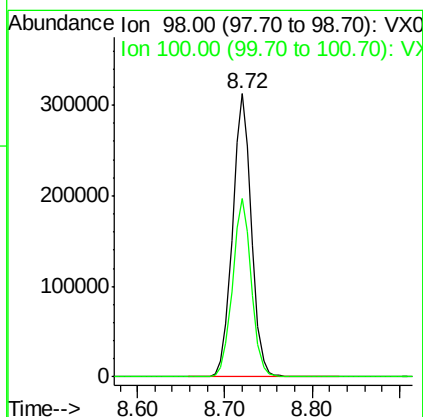
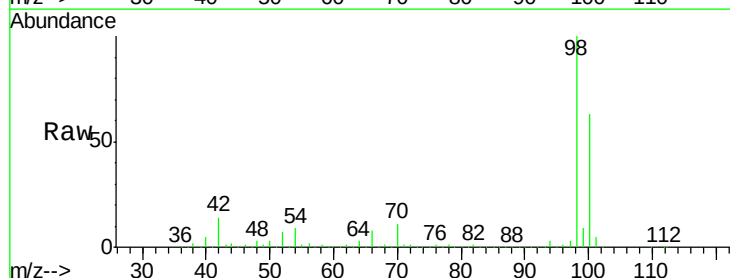
Instrument :
MSVOA_X
ClientSampled :
MW-09

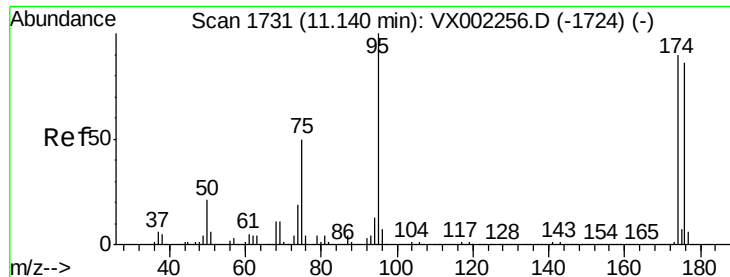
Tot Ion: 83 Resp: 1796
Ion Ratio Lower Upper
83 100
55 65.8 65.4 98.0
98 54.3 37.4 56.0



#50
Toluene-d8
Concen: 48.318 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 98 Resp: 472343
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

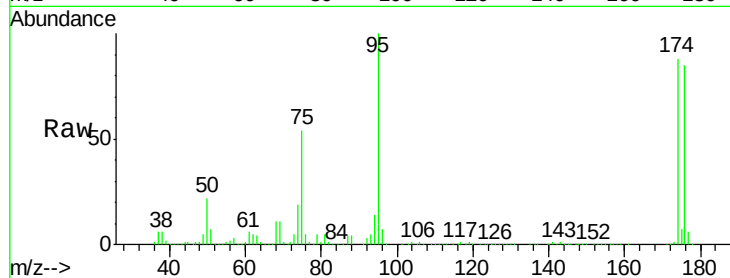




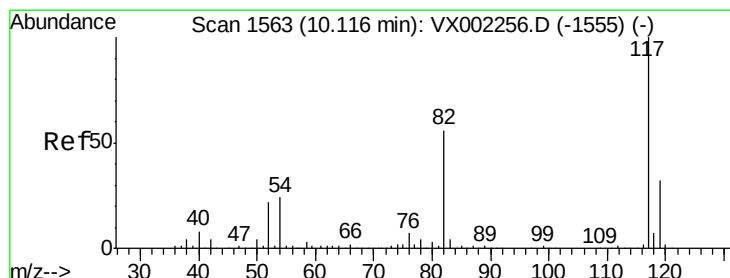
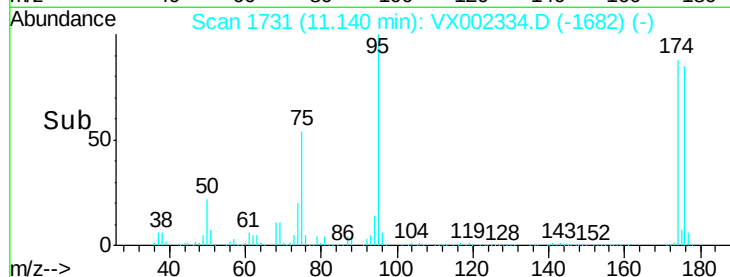
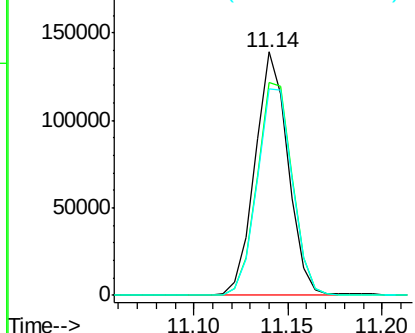
#62
4-Bromofluorobenzene
Concen: 44.633 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tot Ion: 95 Resp: 168248
Ion Ratio Lower Upper
95 100
174 93.7 0.0 187.4
176 91.4 0.0 181.0

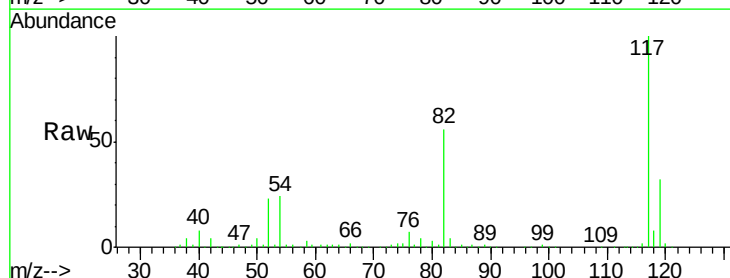


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

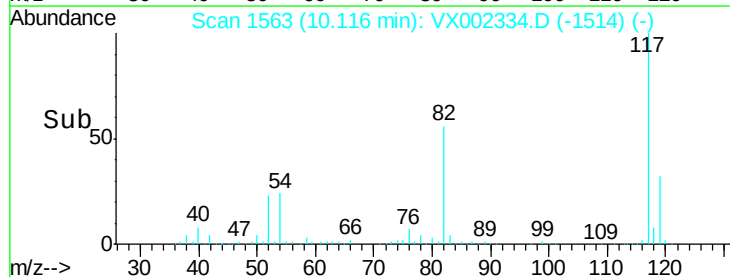
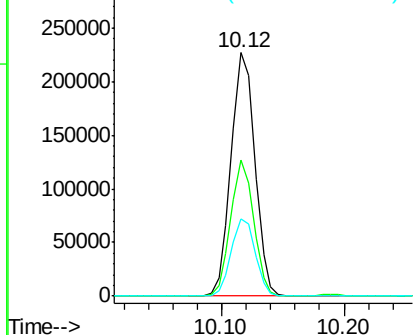


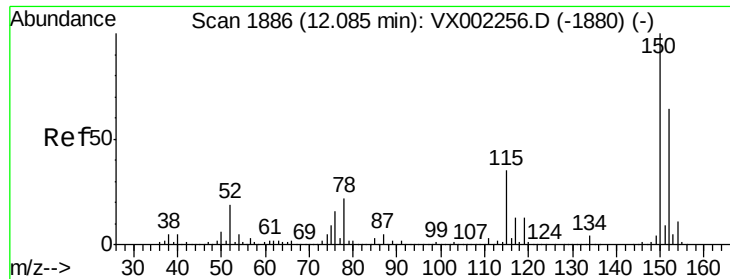
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 117 Resp: 305433
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 31.7 25.8 38.6



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



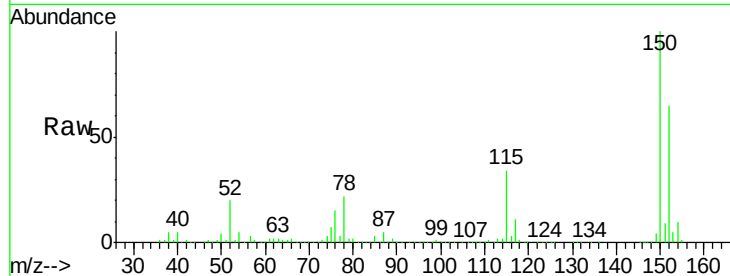


#72

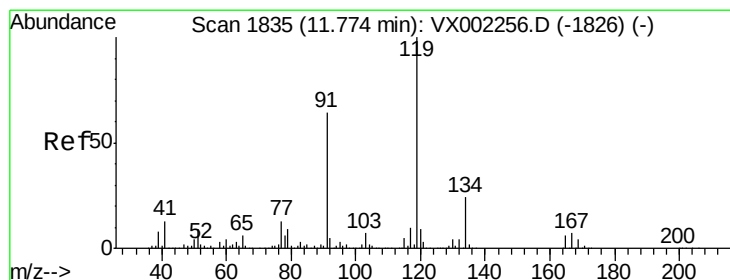
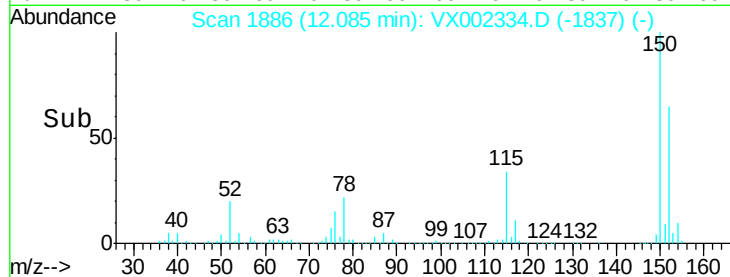
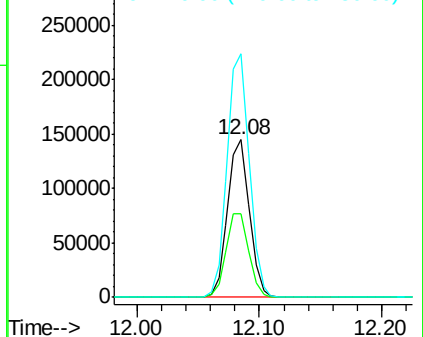
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tot Ion:152 Resp: 178026
Ion Ratio Lower Upper
152 100
115 55.5 40.1 120.2
150 157.2 0.0 347.2



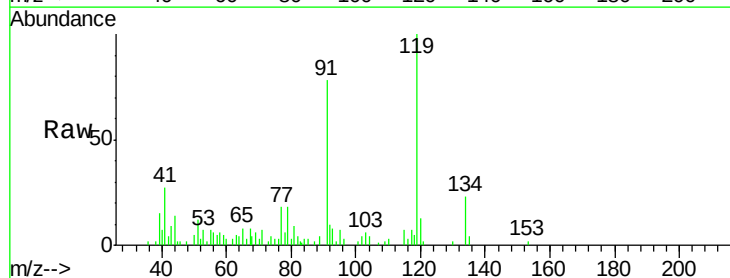
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



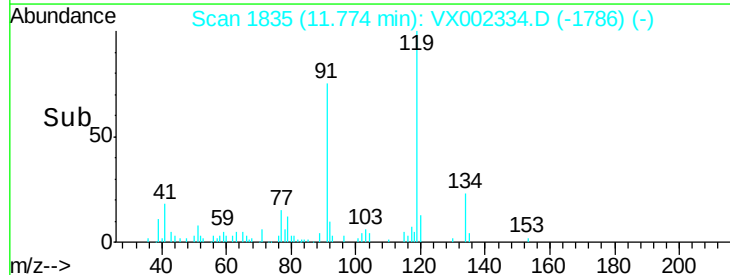
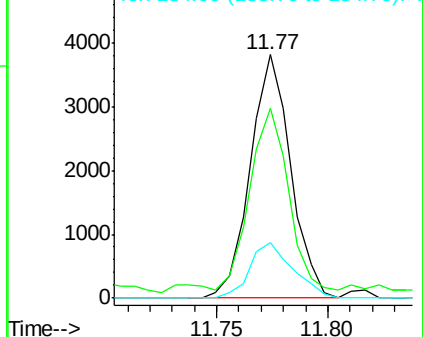
#83

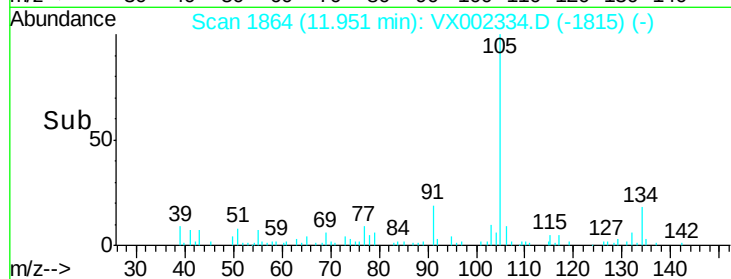
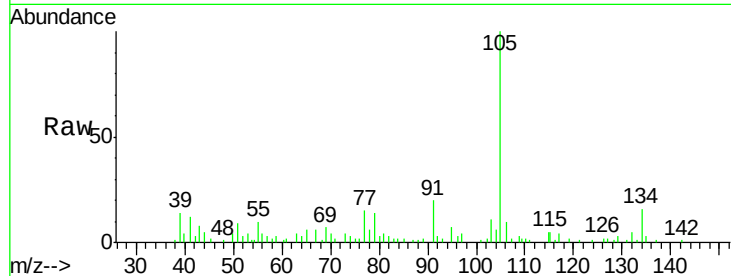
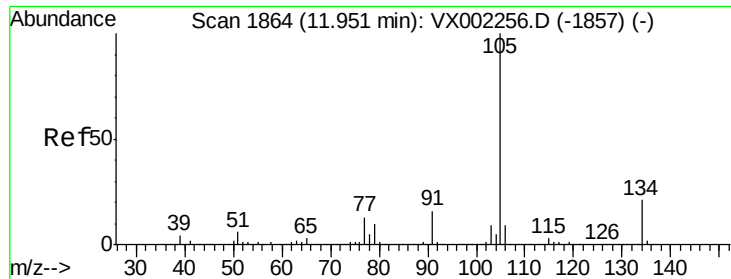
tert-Butylbenzene
Concen: 0.467 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion:119 Resp: 4827
Ion Ratio Lower Upper
119 100
91 71.8 30.3 90.9
134 24.2 11.7 35.1



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





#85

sec-Butylbenzene

Concen: 0.650 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002334.D

Acq: 06 Jun 2018 04:50

Instrument :

MSVOA_X

ClientSampleId :

MW-09

Tot Ion:105 Resp: 7886

Ion Ratio Lower Upper

105 100

134 32.5 10.4 31.1#

