

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001195.D
 Acq On : 28 Apr 2018 02:42
 Operator : JC/MD
 Sample : J2464-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-180418

Quant Time: Apr 28 05:57:50 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

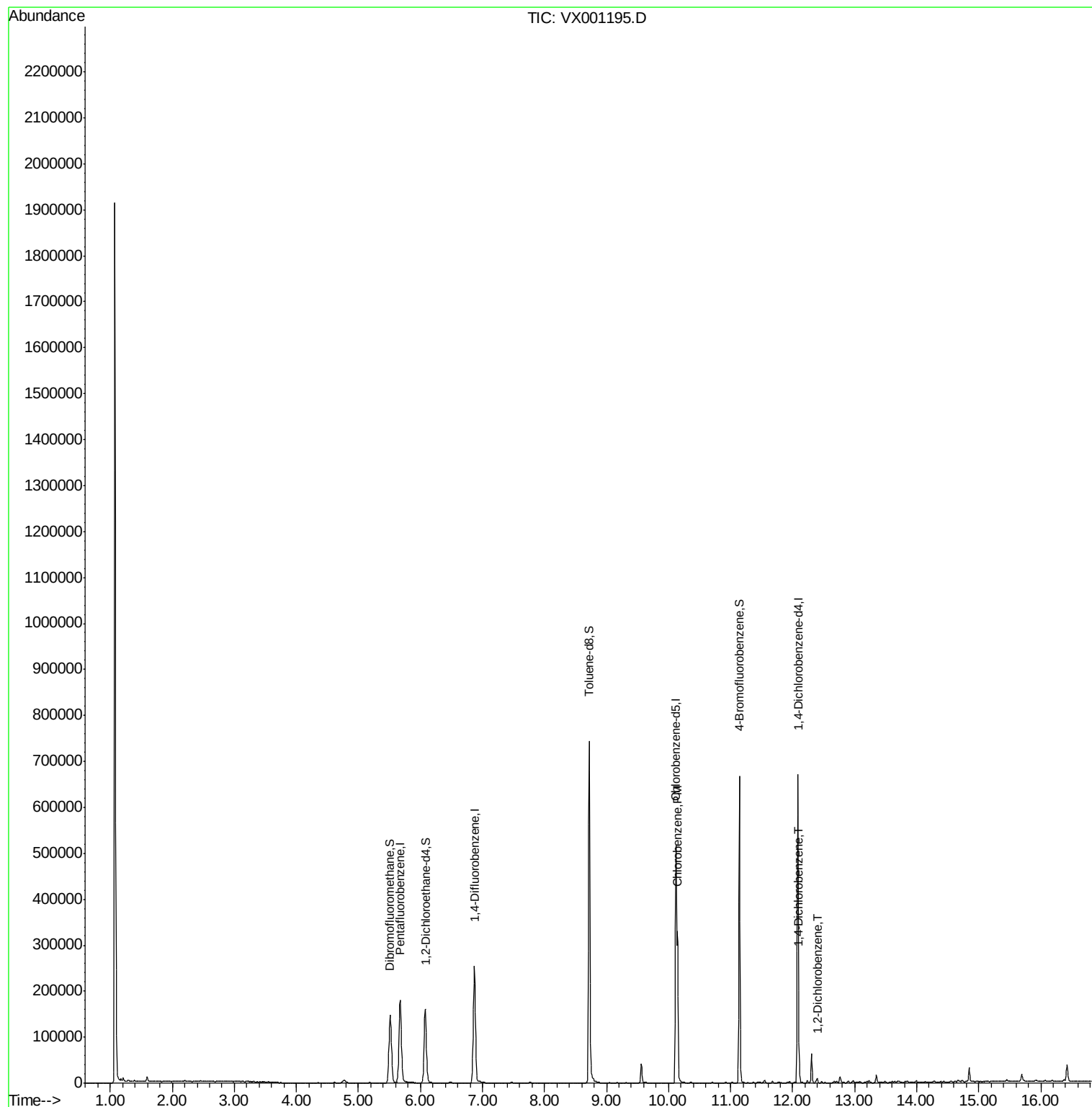
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	264437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	242991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	142427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	153407	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
35) Dibromofluoromethane	5.51	113	119916	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
50) Toluene-d8	8.72	98	458406	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
62) 4-Bromofluorobenzene	11.14	95	160454	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
Target Compounds						
65) Chlorobenzene	10.15	112	135714	21.32	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	16321	3.17	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	2707	0.54	ug/l	99

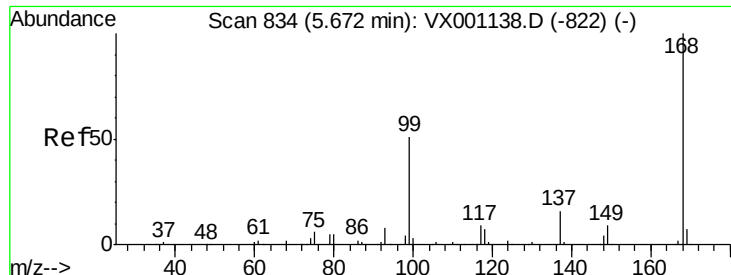
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001195.D

Acq: 28 Apr 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

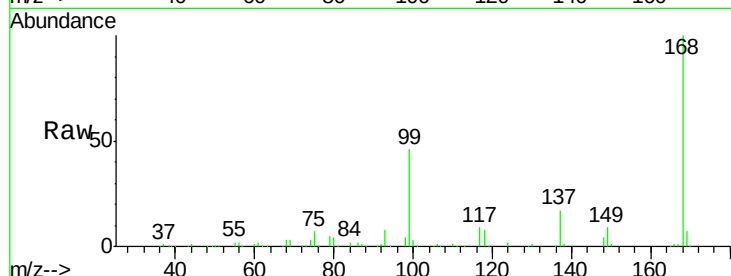
SS043MW010-180418

Tot Ion:168 Resp: 192061

Ion Ratio Lower Upper

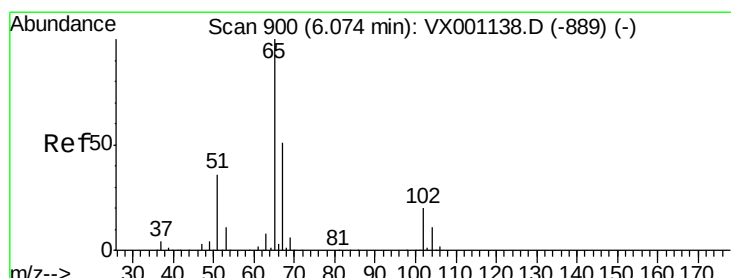
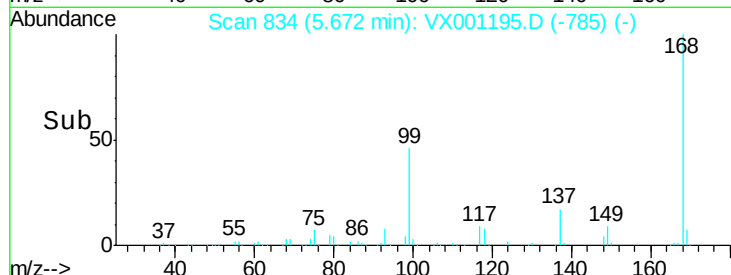
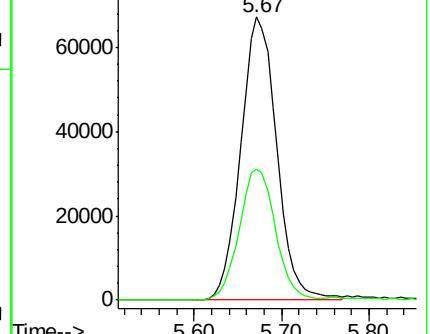
168 100

99 46.5 40.6 60.8



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: 51.53 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001195.D

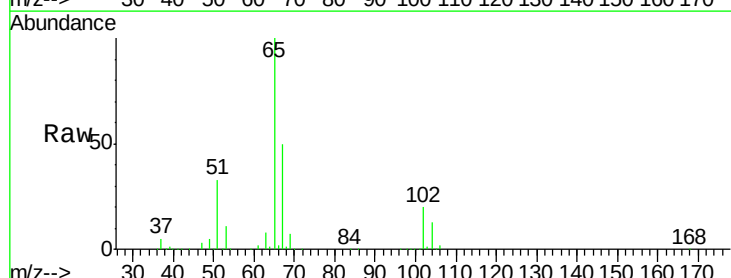
Acq: 28 Apr 2018 02:42

Tgt Ion: 65 Resp: 153407

Ion Ratio Lower Upper

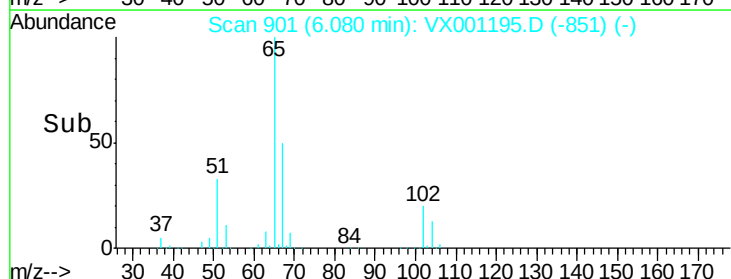
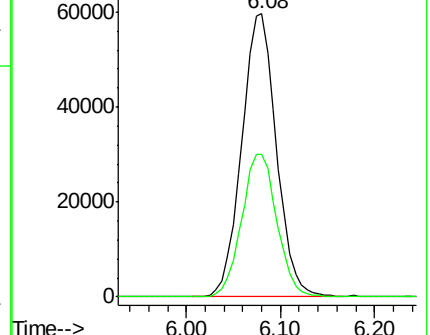
65 100

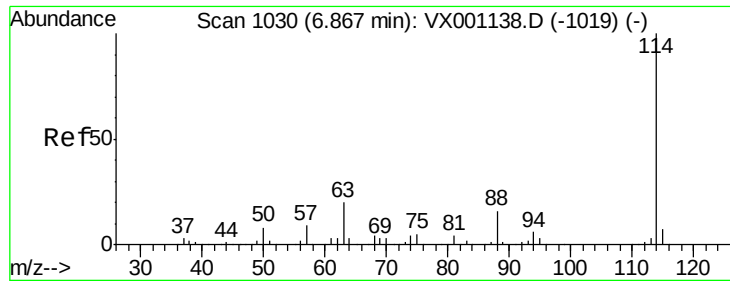
67 51.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

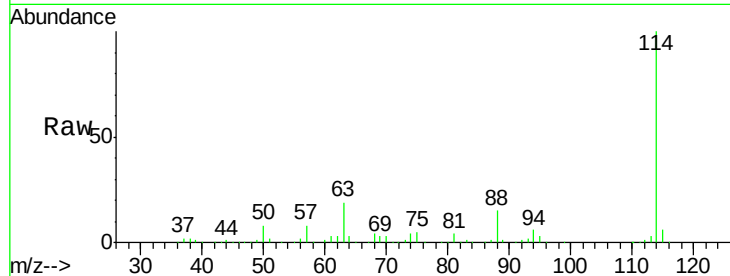




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001195.D
 Acq: 28 Apr 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-180418

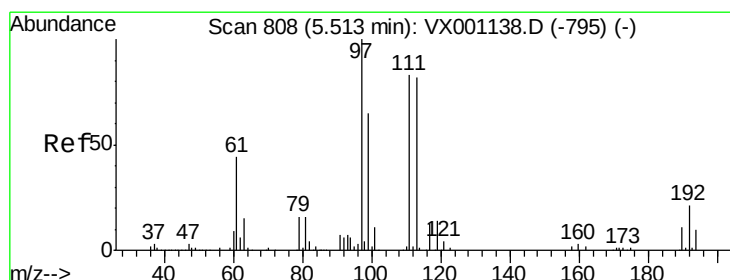
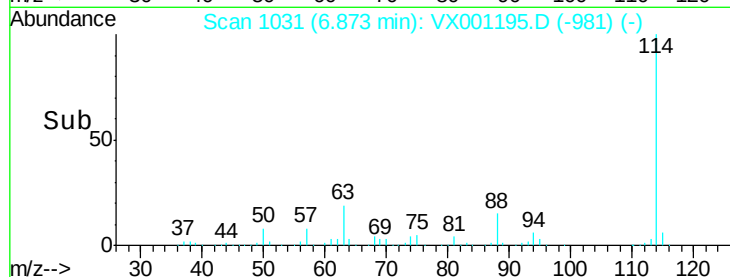
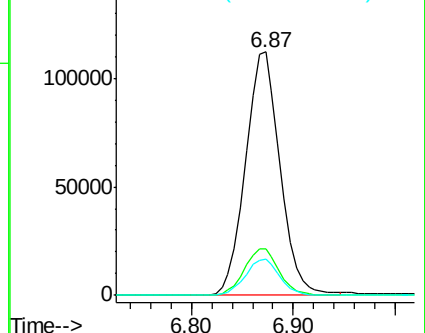
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.4
88	15.0	0.0	31.8



Abundance Ion 113.90 (113.60 to 114.60): V

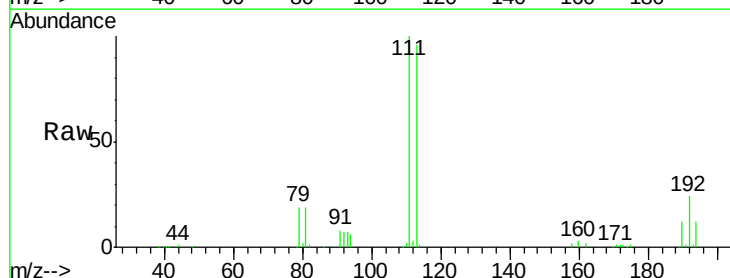
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 54.79 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001195.D
 Acq: 28 Apr 2018 02:42

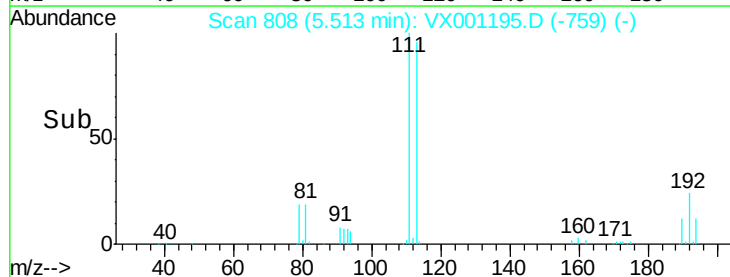
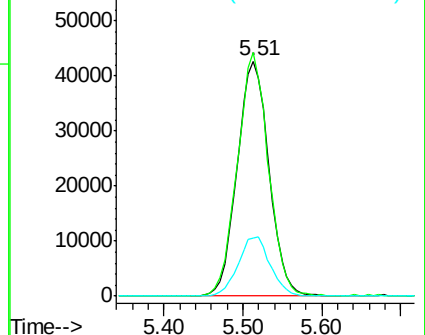
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	25.5	20.6	30.8

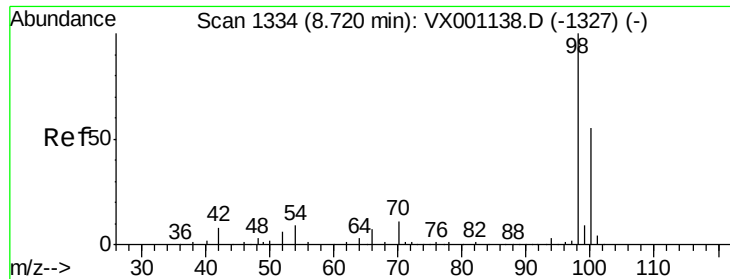


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

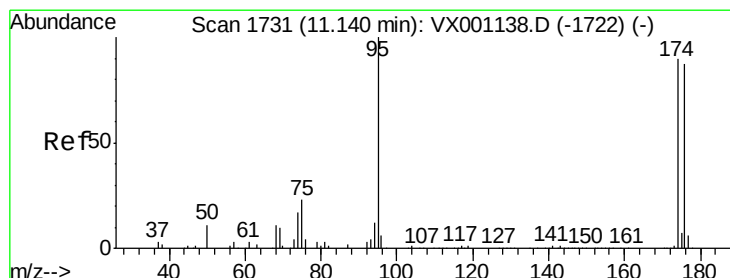
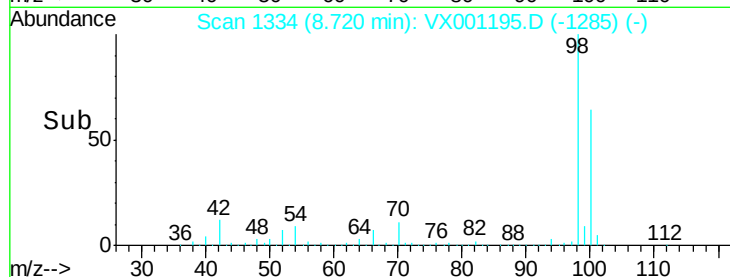
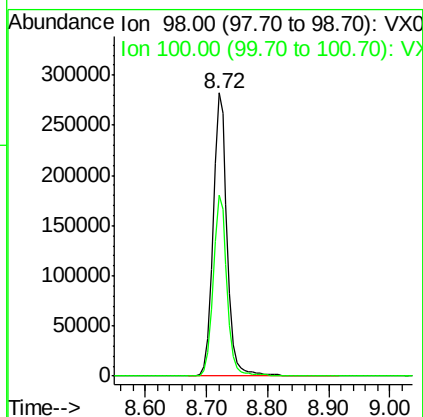
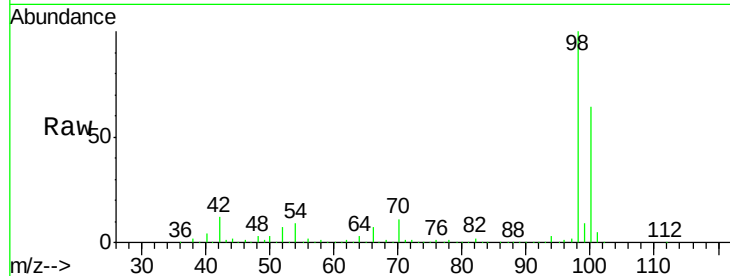




#50
Toluene-d8
Concen: 55.50 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001195.D
Acq: 28 Apr 2018 02:42

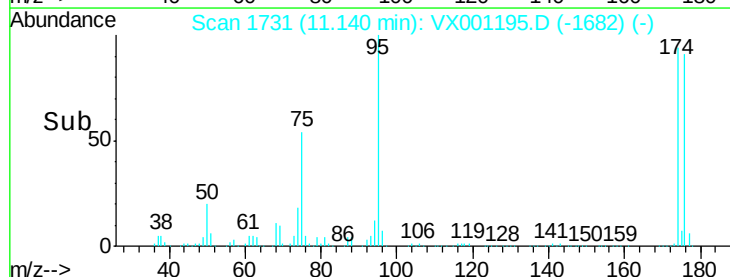
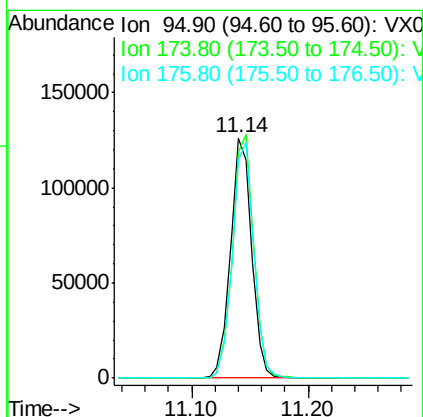
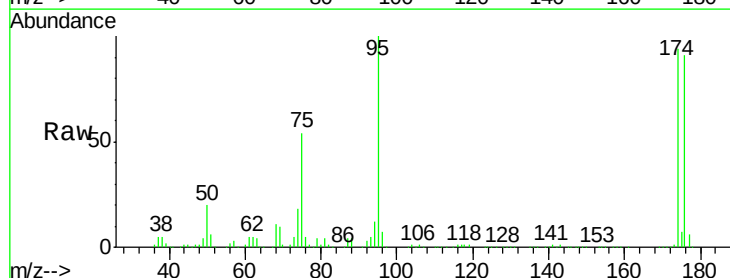
Instrument :
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ClientSampleId :
SS043MW010-180418

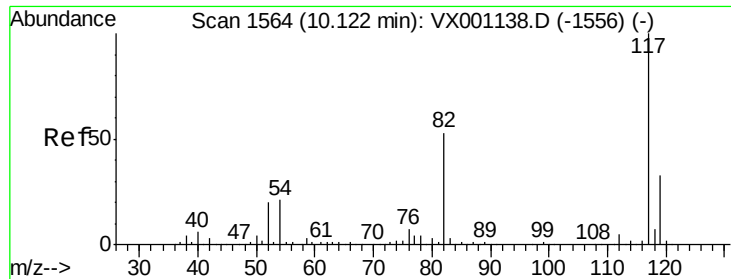
Tot Ion: 98 Resp: 458406
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.73 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001195.D
Acq: 28 Apr 2018 02:42

Tgt Ion: 95 Resp: 160454
Ion Ratio Lower Upper
95 100
174 102.1 0.0 194.4
176 98.9 0.0 190.2

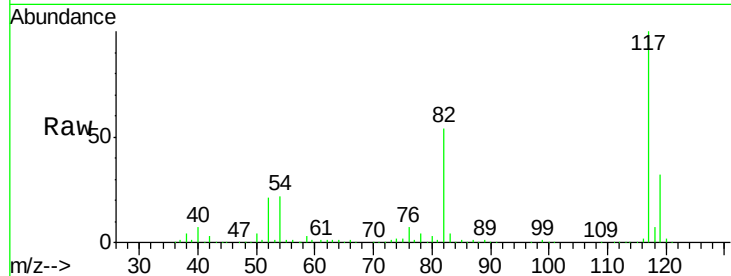




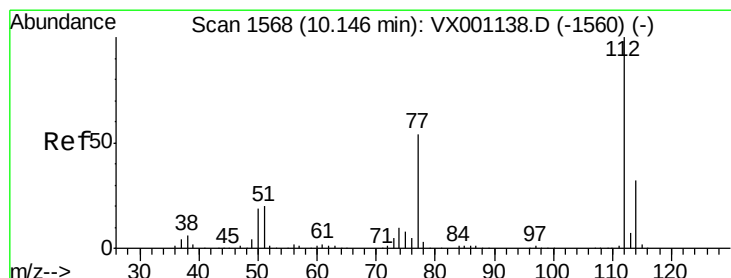
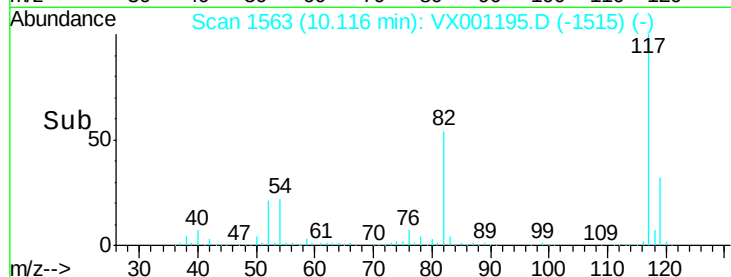
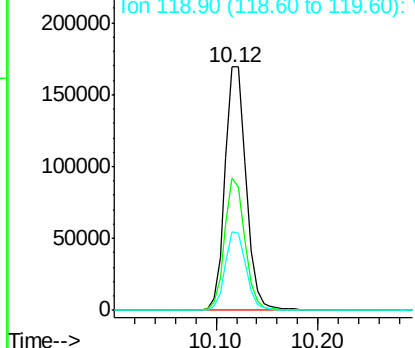
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001195.D
Acq: 28 Apr 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-180418

Tot Ion:117 Resp: 242991
Ion Ratio Lower Upper
117 100
82 54.1 42.1 63.1
119 32.1 26.1 39.1

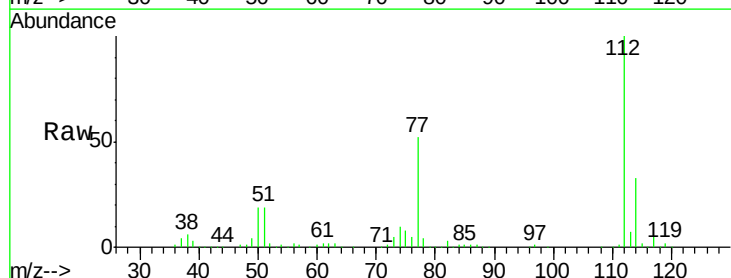


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

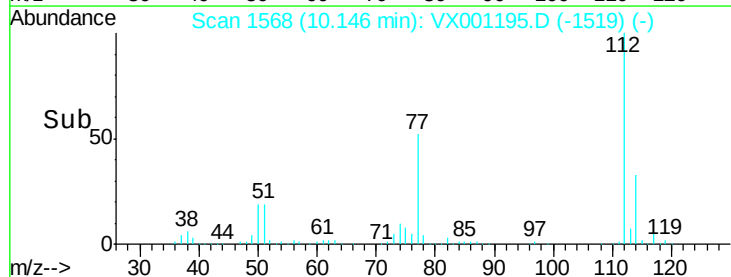
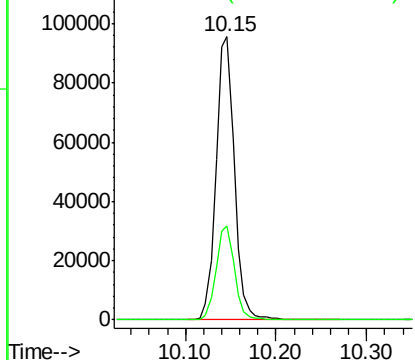


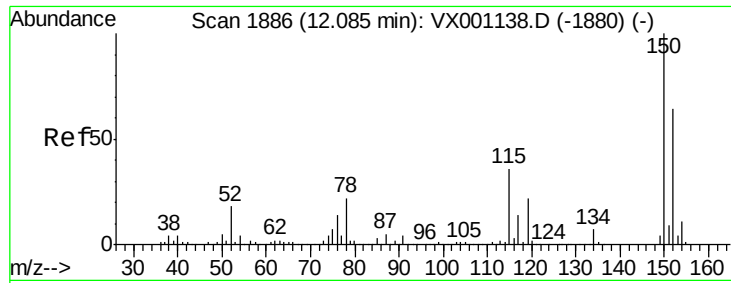
#65
Chlorobenzene
Concen: 21.32 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001195.D
Acq: 28 Apr 2018 02:42

Tgt Ion:112 Resp: 135714
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX001195.D

Acq: 28 Apr 2018 02:42

Instrument :

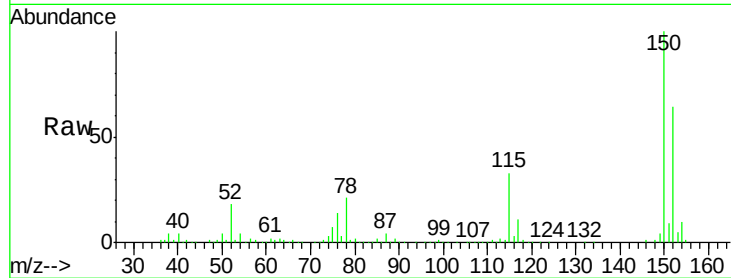
MSVOA_X

ClientSampleId :

SS043MW010-180418

Tot Ion:152 Resp: 142427

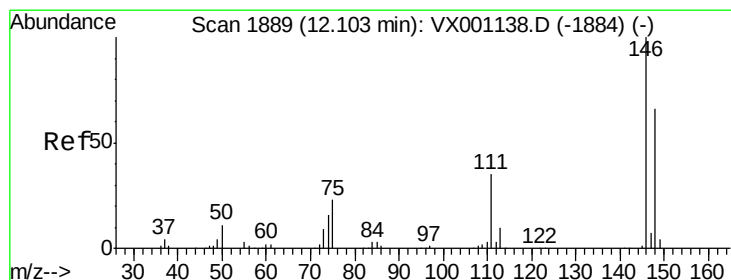
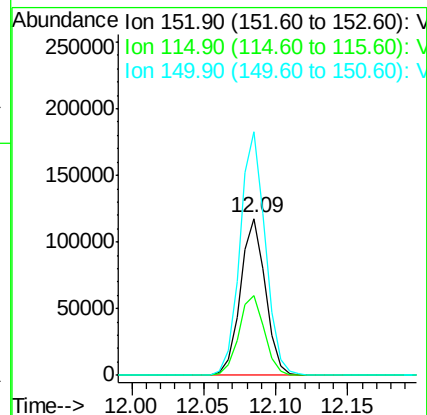
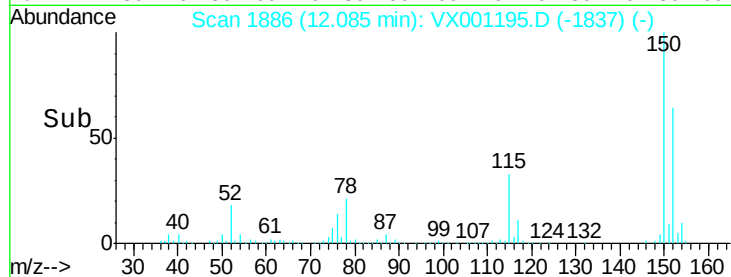
Ion	Ratio	Lower	Upper
152	100		
115	52.1	38.0	114.0
150	157.6	0.0	349.6



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



#88

1,4-Dichlorobenzene

Concen: 3.17 ug/l

RT: 12.10 min Scan# 1889

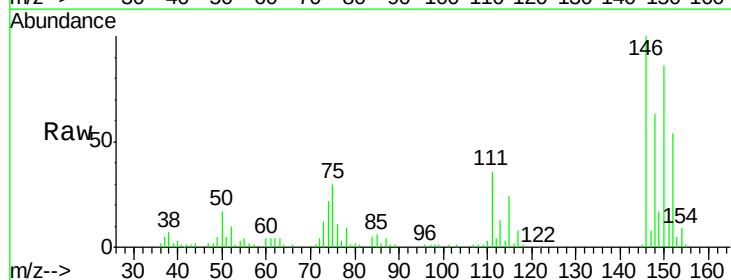
Delta R.T. -0.00 min

Lab File: VX001195.D

Acq: 28 Apr 2018 02:42

Tgt Ion:146 Resp: 16321

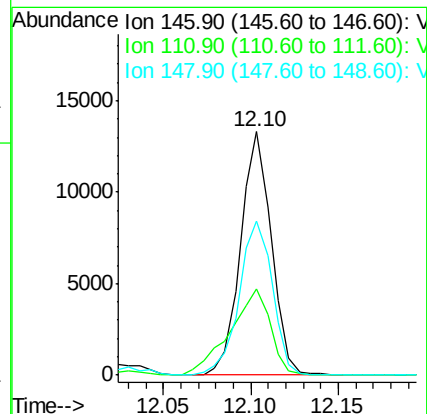
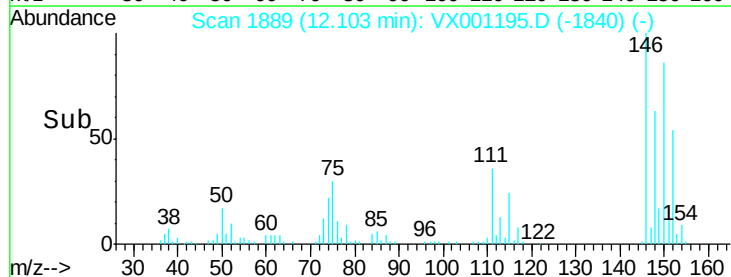
Ion	Ratio	Lower	Upper
146	100		
111	46.2	18.0	54.0
148	68.2	32.5	97.5

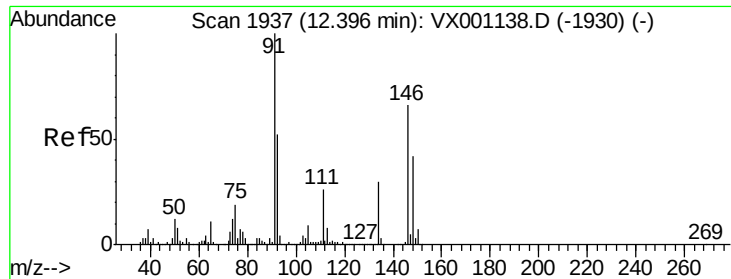


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91
 1,2-Dichlorobenzene
 Concen: 0.54 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001195.D
 Acq: 28 Apr 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-180418

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.1	57.3
148	64.8	32.2	96.6

