

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006832.D
 Acq On : 13 Nov 2018 04:01
 Operator : SY/AP
 Sample : J5910-03
 Misc : 5.16G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W-4-S

Quant Time: Nov 13 07:21:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

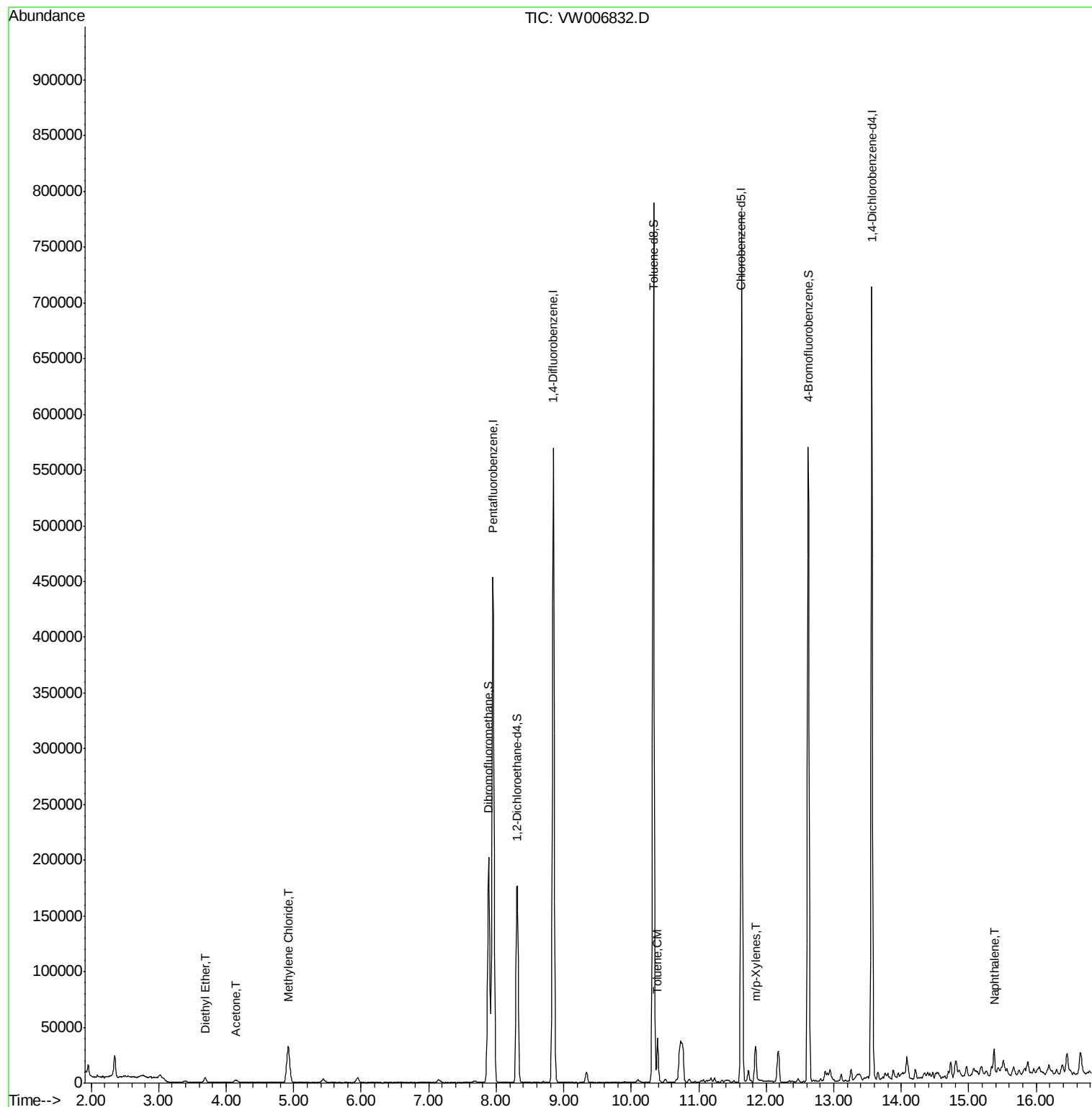
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	376218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	528002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	459539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	205505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	142869	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	7.89	113	145233	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	10.33	98	552075	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.72%	
62) 4-Bromofluorobenzene	12.62	95	168274	35.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.12%	
Target Compounds						
8) Diethyl Ether	3.68	74	2627	1.804	ug/l	99
16) Acetone	4.15	43	4566	11.560	ug/l	96
20) Methylene Chloride	4.92	84	27655	2.782	ug/l	98
52) Toluene	10.39	92	16231	1.666	ug/l	99
68) m/p-Xylenes	11.84	106	10376	1.459	ug/l	99
95) Naphthalene	15.38	128	21679	3.008	ug/l	98

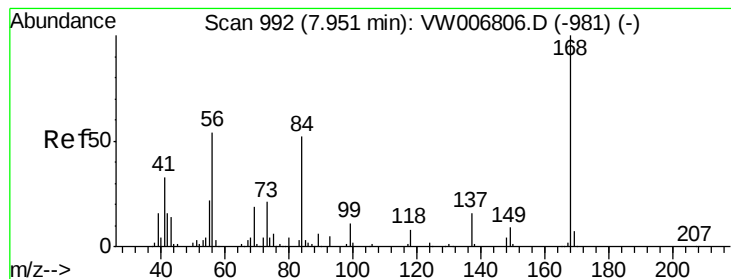
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
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W-4-S

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006832.D

Acq: 13 Nov 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

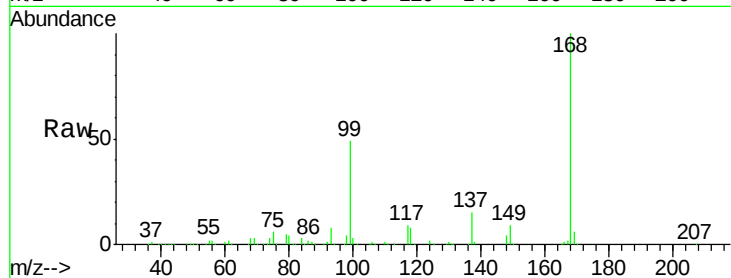
W-4-S

Tgt Ion:168 Resp: 376218

Ion Ratio Lower Upper

168 100

99 48.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

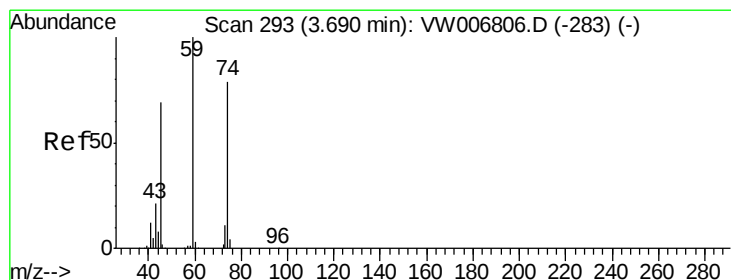
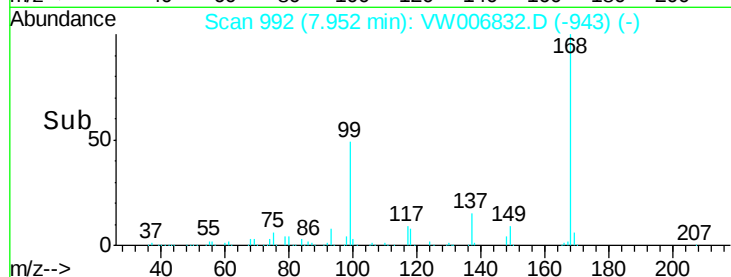
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.804 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW006832.D

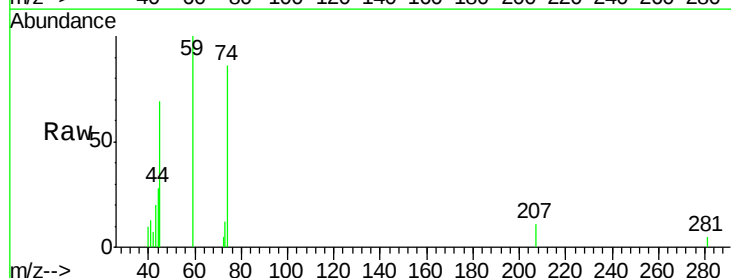
Acq: 13 Nov 2018 04:01

Tgt Ion: 74 Resp: 2627

Ion Ratio Lower Upper

74 100

45 87.5 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

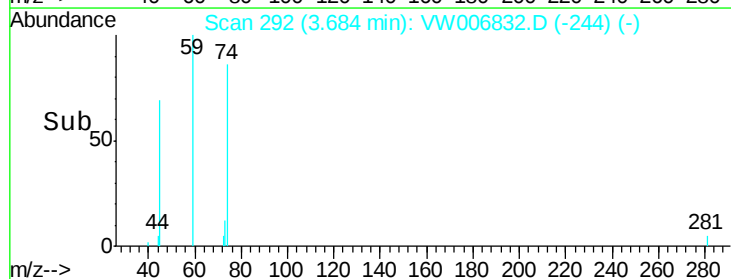
3.68

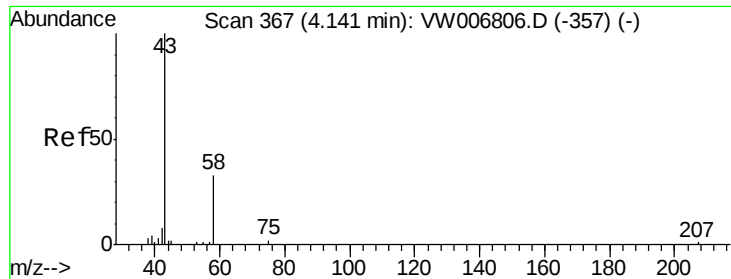
1000

500

0

Time--> 3.60 3.65 3.70 3.75

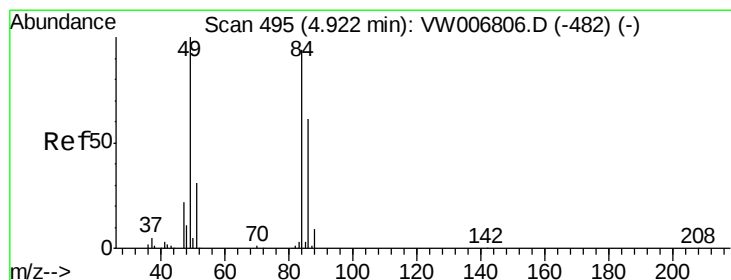
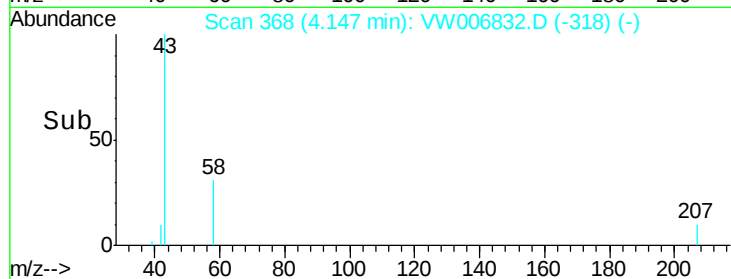
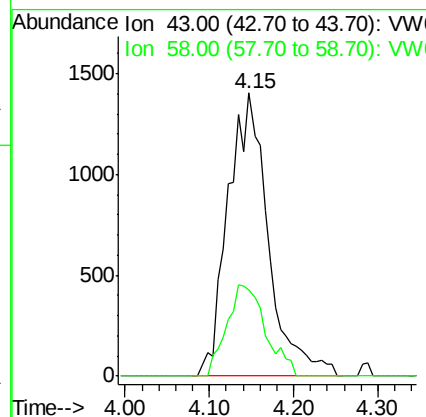
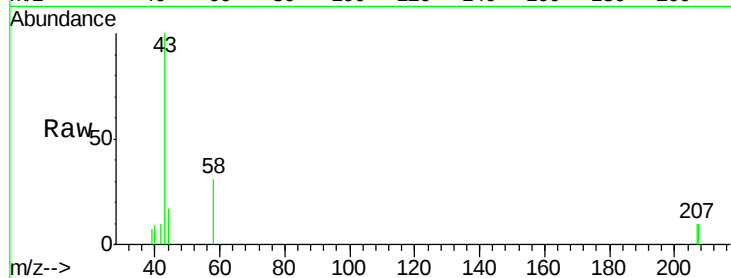




#16
Acetone
Concen: 11.560 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW006832.D
Acq: 13 Nov 2018 04:01

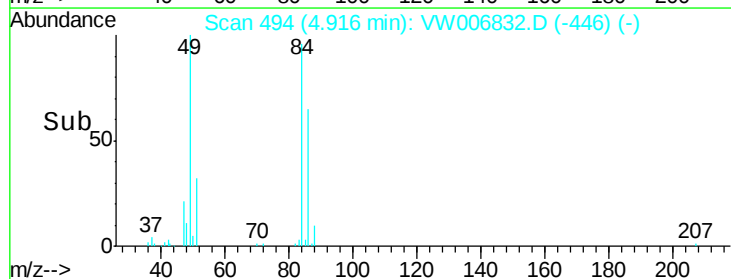
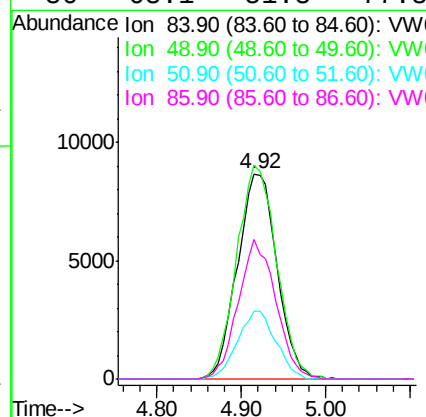
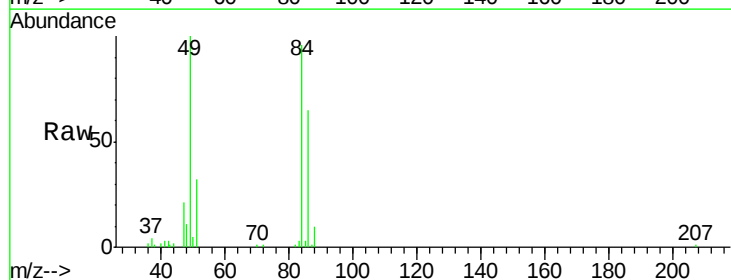
Instrument :
MSVOA_W
ClientSampleId :
W-4-S

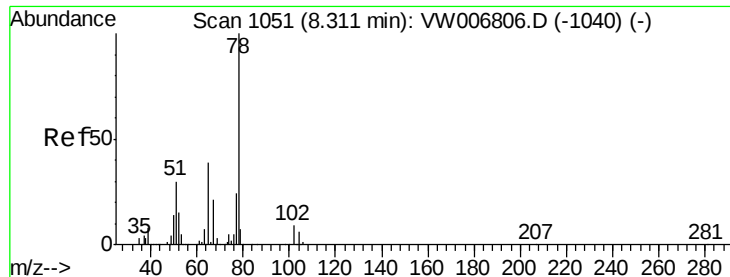
Tgt Ion: 43 Resp: 4566
Ion Ratio Lower Upper
43 100
58 30.6 26.5 39.7



#20
Methylene Chloride
Concen: 2.782 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006832.D
Acq: 13 Nov 2018 04:01

Tgt Ion: 84 Resp: 27655
Ion Ratio Lower Upper
84 100
49 104.1 84.8 127.2
51 33.1 26.2 39.4
86 68.1 51.8 77.8

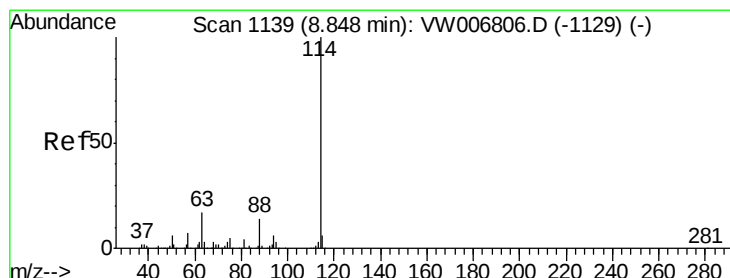
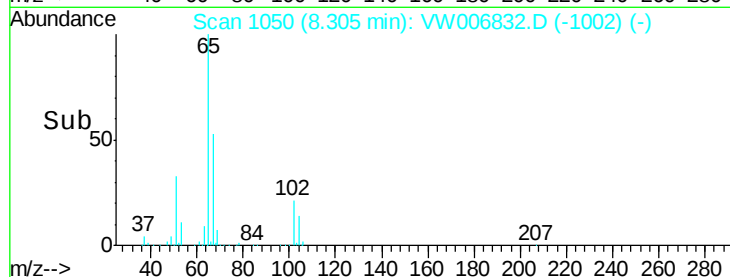
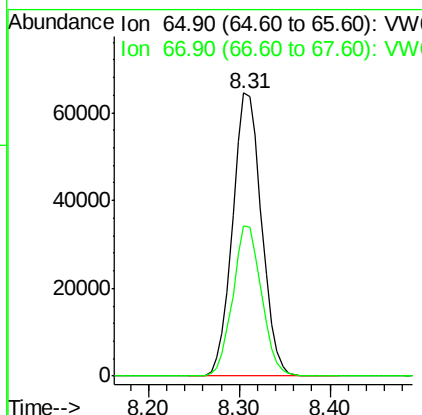
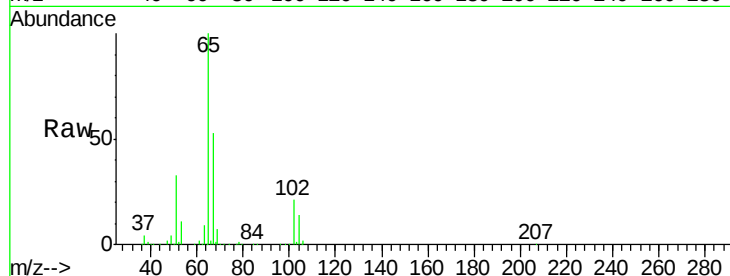




#33
 1,2-Dichloroethane-d4
 Concen: 51.948 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006832.D
 Acq: 13 Nov 2018 04:01

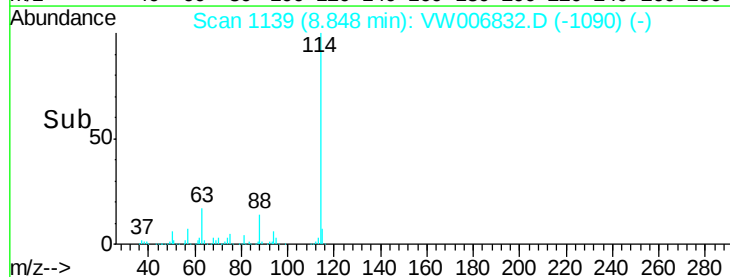
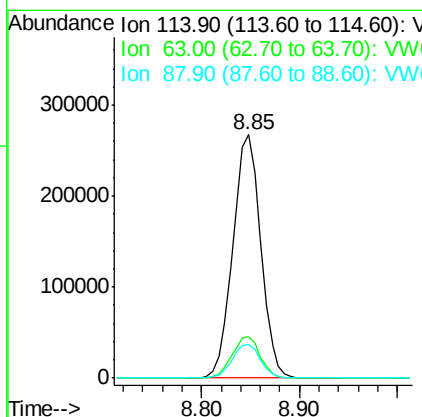
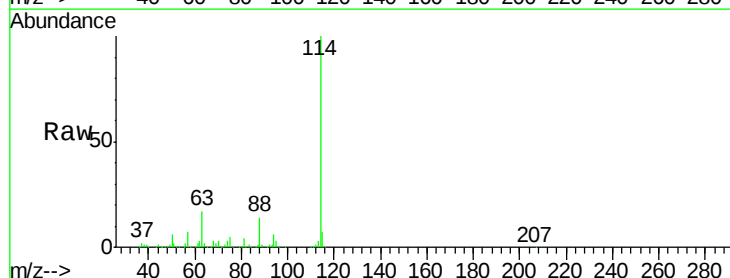
Instrument :
 MSVOA_W
 ClientSampleId :
 W-4-S

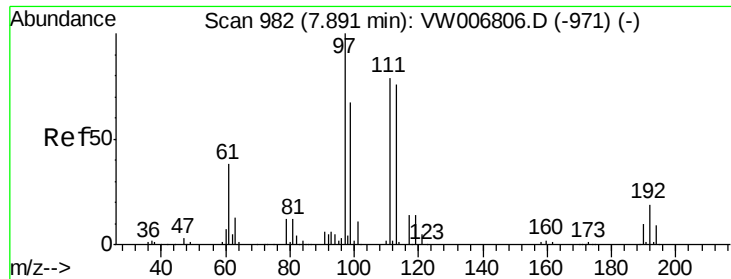
Tgt Ion: 65 Resp: 142869
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006832.D
 Acq: 13 Nov 2018 04:01

Tgt Ion: 114 Resp: 528002
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 33.6
 88 13.9 0.0 28.4

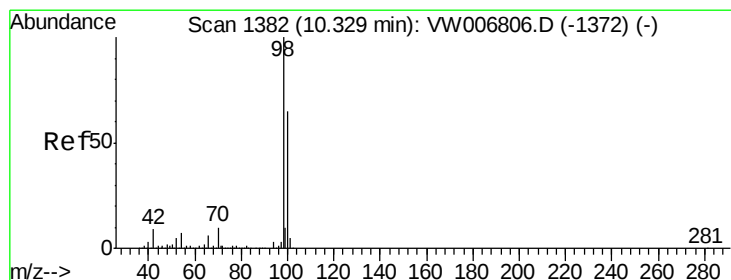
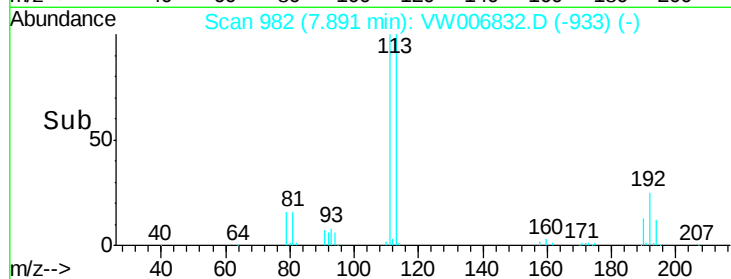
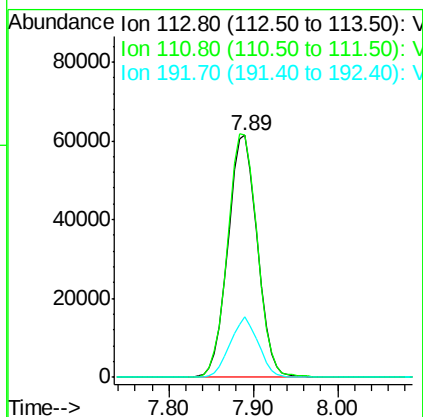
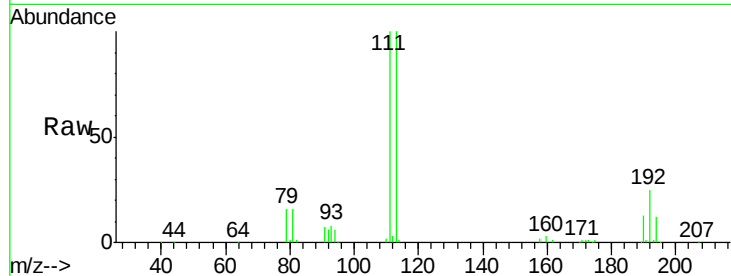




#35
 Dibromofluoromethane
 Concen: 46.192 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006832.D
 Acq: 13 Nov 2018 04:01

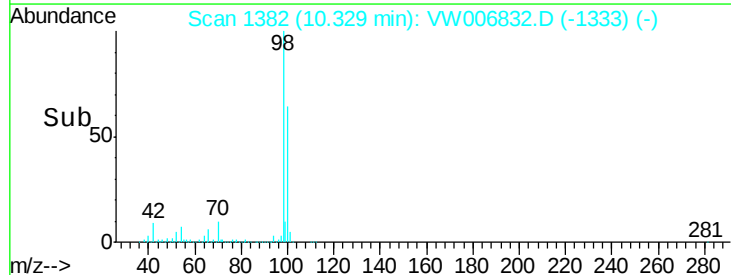
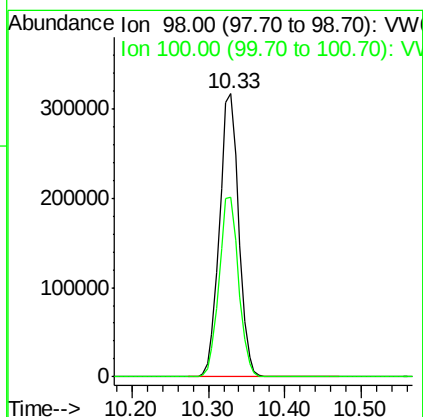
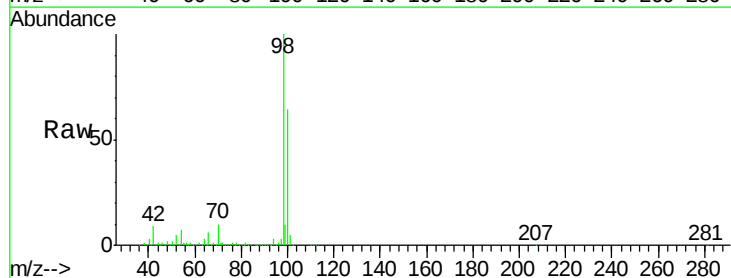
Instrument :
 MSVOA_W
 ClientSampleId :
 W-4-S

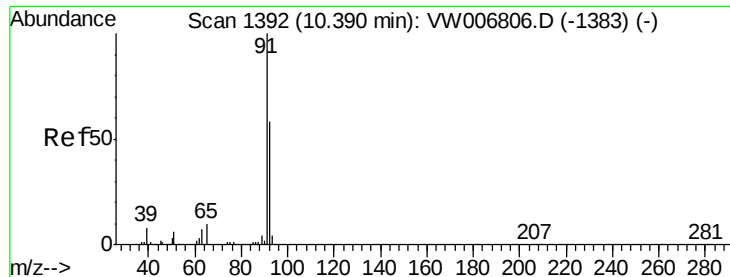
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.0	121.6
192	23.9	19.0	28.6



#50
 Toluene-d8
 Concen: 42.364 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006832.D
 Acq: 13 Nov 2018 04:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2





#52

Toluene

Concen: 1.666 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006832.D

Acq: 13 Nov 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

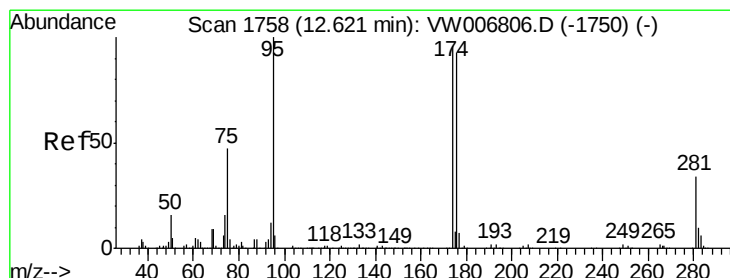
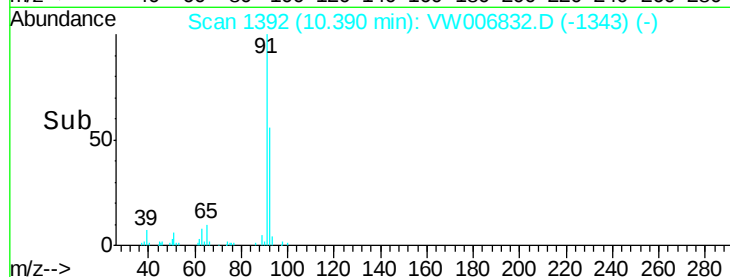
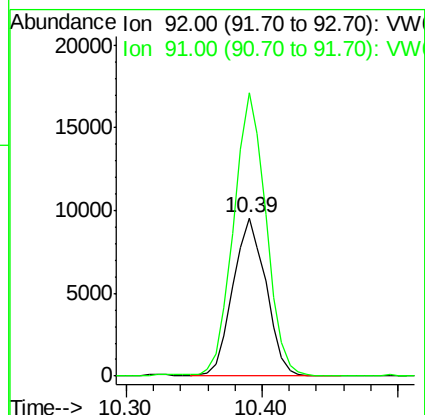
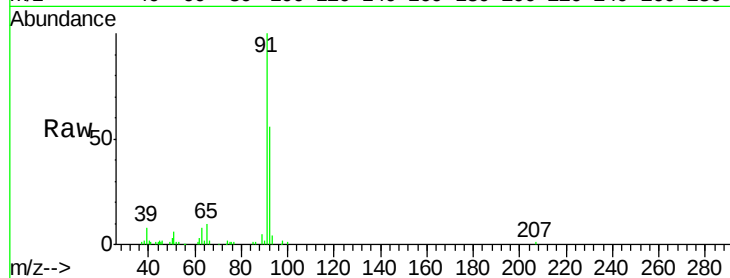
W-4-S

Tgt Ion: 92 Resp: 16231

Ion Ratio Lower Upper

92 100

91 175.1 139.4 209.2



#62

4-Bromofluorobenzene

Concen: 35.059 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006832.D

Acq: 13 Nov 2018 04:01

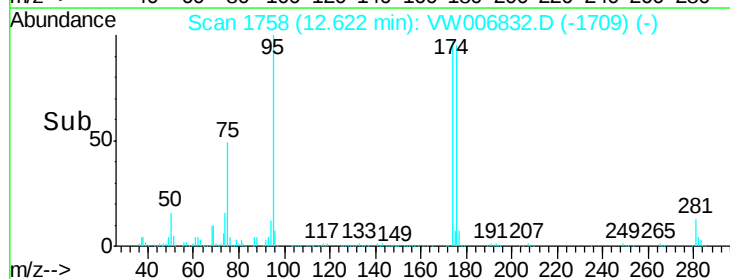
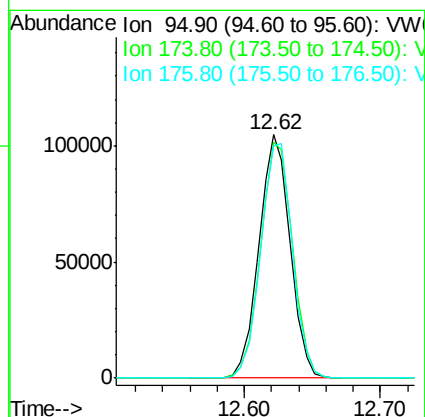
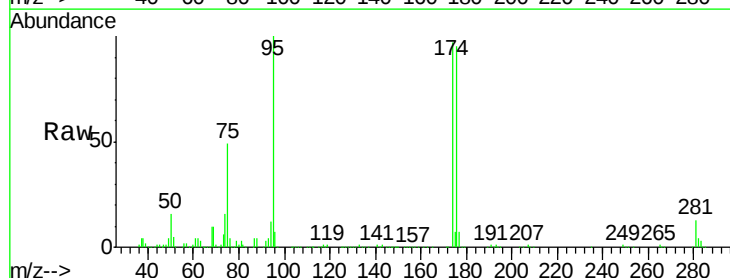
Tgt Ion: 95 Resp: 168274

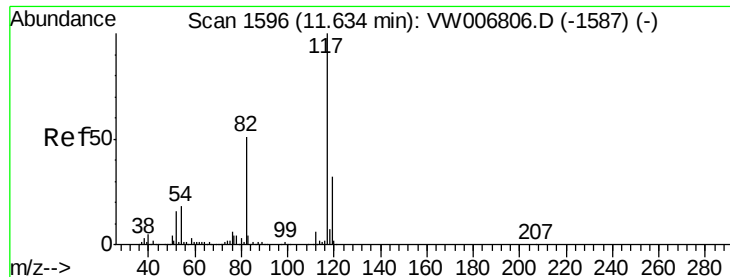
Ion Ratio Lower Upper

95 100

174 99.8 0.0 196.6

176 98.1 0.0 191.6

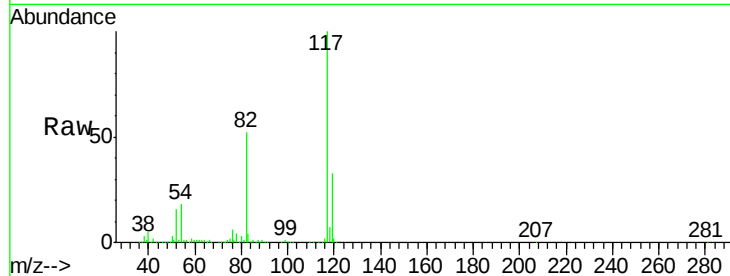




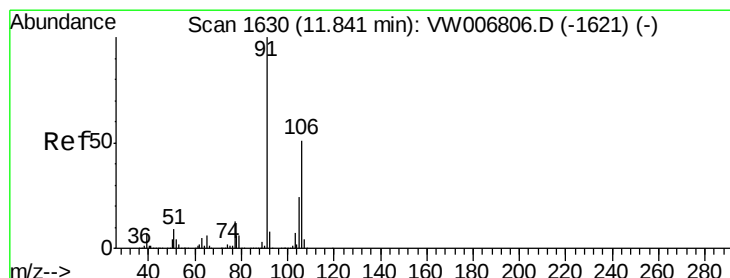
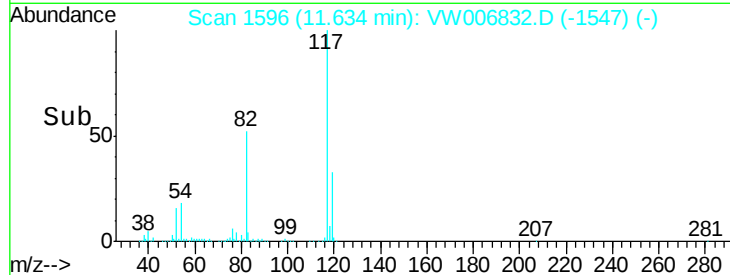
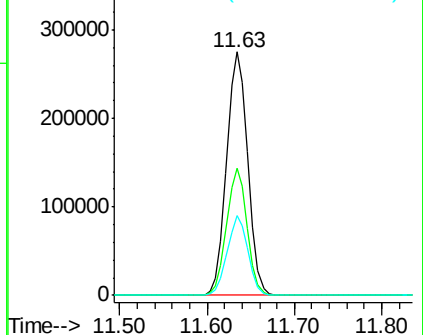
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006832.D
Acq: 13 Nov 2018 04:01

Instrument :
MSVOA_W
ClientSampled :
W-4-S

Tgt Ion:117 Resp: 459539
Ion Ratio Lower Upper
117 100
82 52.2 40.6 61.0
119 32.6 25.5 38.3

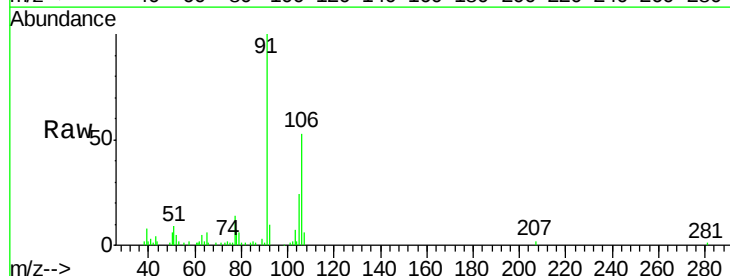


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

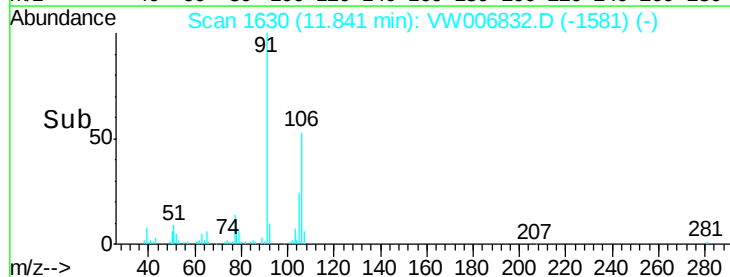
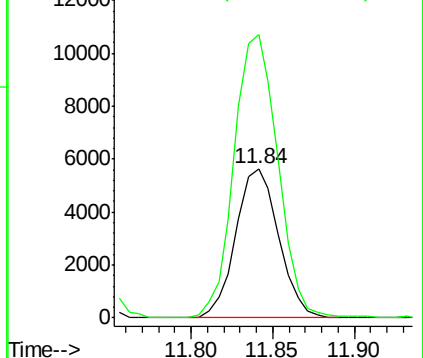


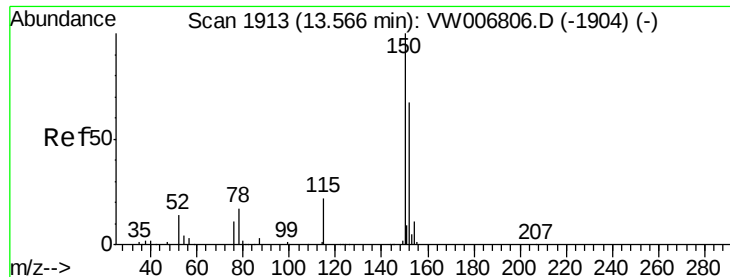
#68
m/p-Xylenes
Concen: 1.459 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006832.D
Acq: 13 Nov 2018 04:01

Tgt Ion:106 Resp: 10376
Ion Ratio Lower Upper
106 100
91 193.4 155.7 233.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

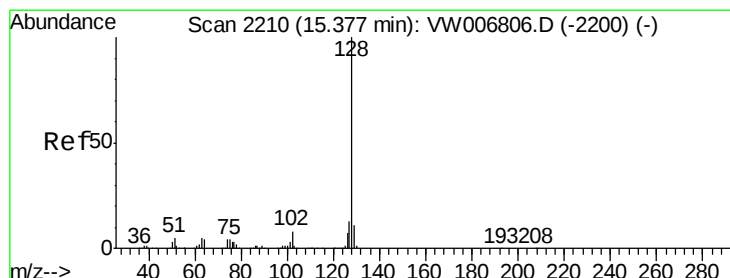
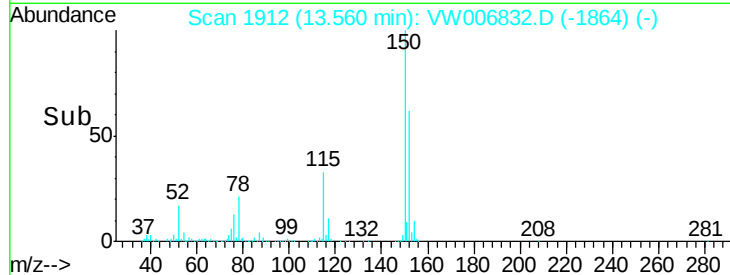
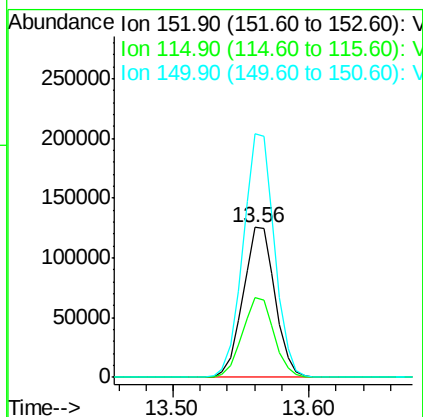
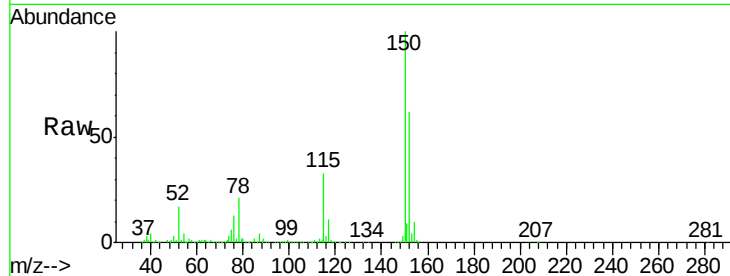




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: VW006832.D
 Acq: 13 Nov 2018 04:01

Instrument :
 MSVOA_W
 ClientSampled :
 W-4-S

Tgt Ion:152 Resp: 205505
 Ion Ratio Lower Upper
 152 100
 115 53.0 27.3 81.8
 150 159.4 0.0 353.0



#95
 Naphthalene
 Concen: 3.008 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006832.D
 Acq: 13 Nov 2018 04:01

Tgt Ion:128 Resp: 21679
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.3 15.5
 129 12.1 8.6 13.0

