

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW014008.D
 Acq On : 13 Nov 2019 15:51
 Operator : SY/VA
 Sample : K5742-02
 Misc : 11.20G/5.0ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11-(12-14)

Quant Time: Nov 14 09:44:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

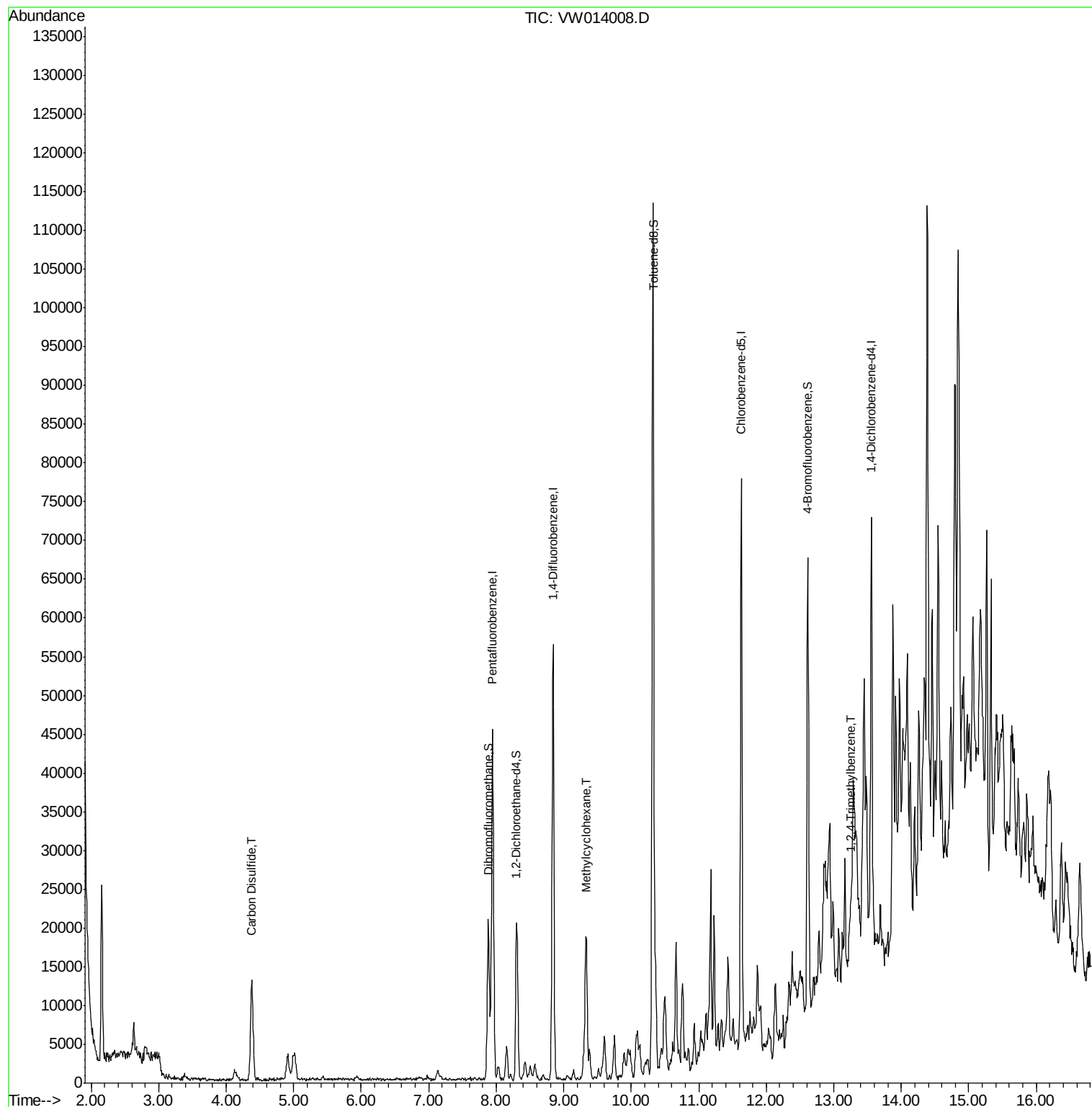
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	36255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	49642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	43228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	16807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	15700	57.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.46%	
35) Dibromofluoromethane	7.88	113	14247	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	10.32	98	60563	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
62) 4-Bromofluorobenzene	12.62	95	17500	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
17) Carbon Disulfide	4.38	76	25799	27.628	ug/l #	94
39) Methylcyclohexane	9.33	83	7546	12.639	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	3042	3.027	ug/l	92

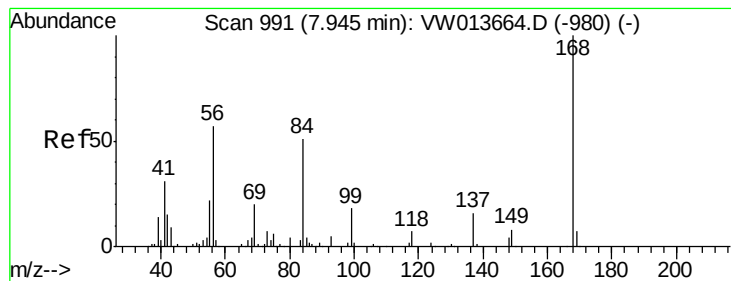
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014008.D

Acq: 13 Nov 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

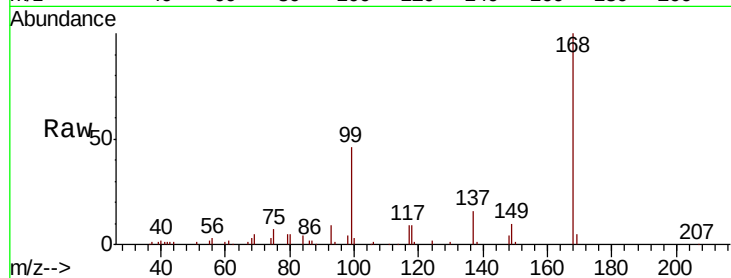
SB-11-(12-14)

Tot Ion:168 Resp: 36255

Ion Ratio Lower Upper

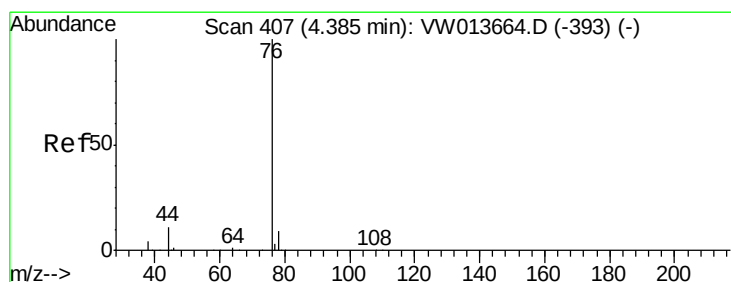
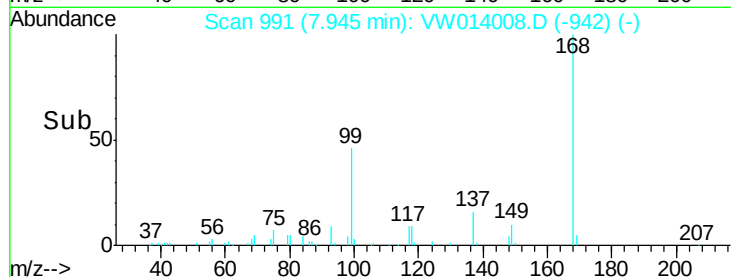
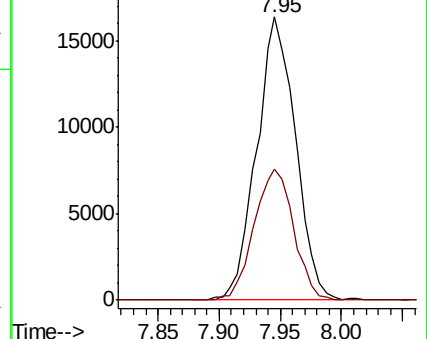
168 100

99 46.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#17

Carbon Disulfide

Concen: 27.628 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014008.D

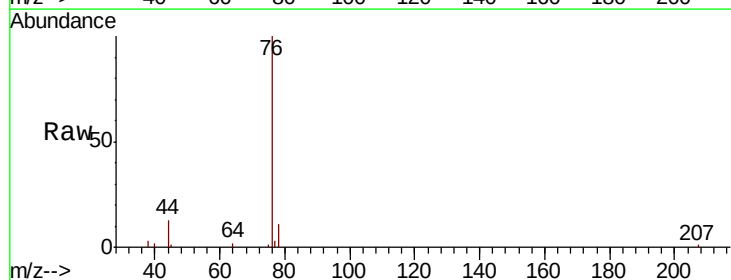
Acq: 13 Nov 2019 15:51

Tgt Ion: 76 Resp: 25799

Ion Ratio Lower Upper

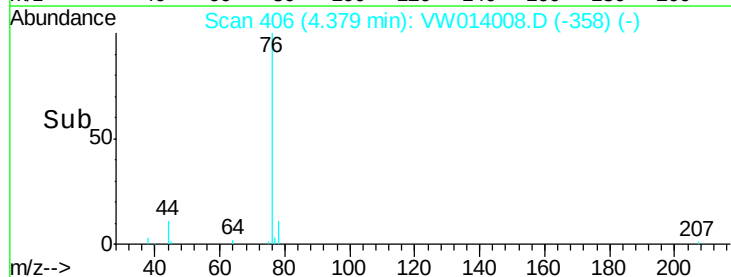
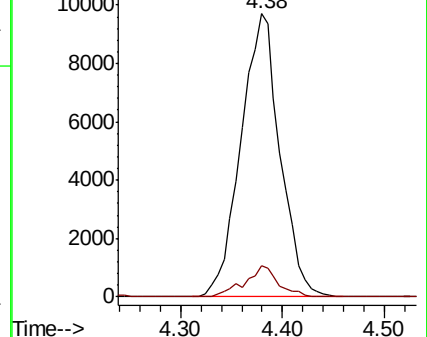
76 100

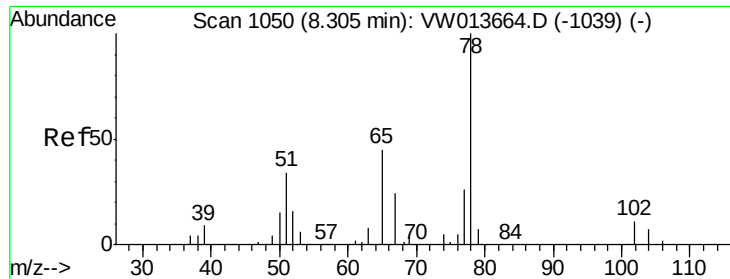
78 11.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

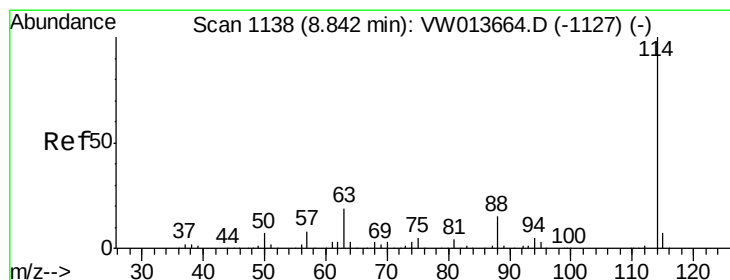
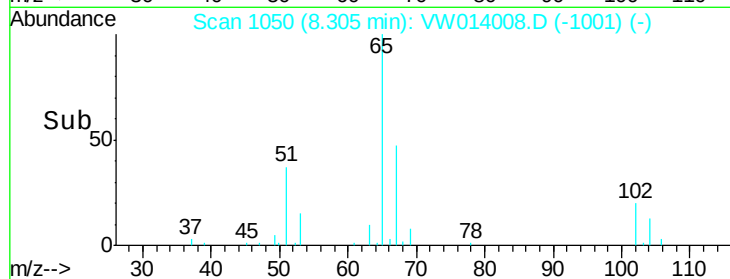
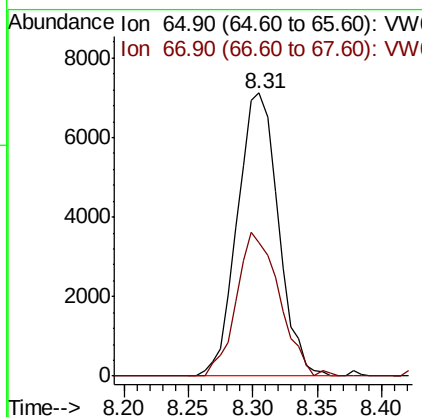
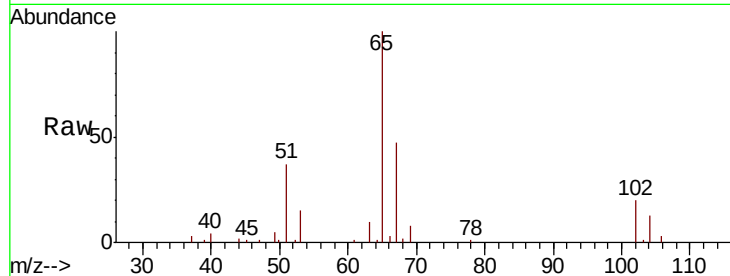




#33
 1,2-Dichloroethane-d4
 Concen: 57.727 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW014008.D
 Acq: 13 Nov 2019 15:51

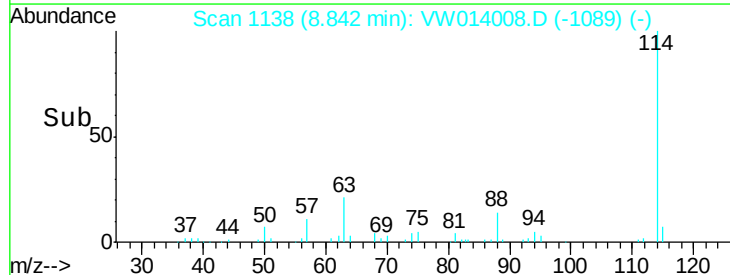
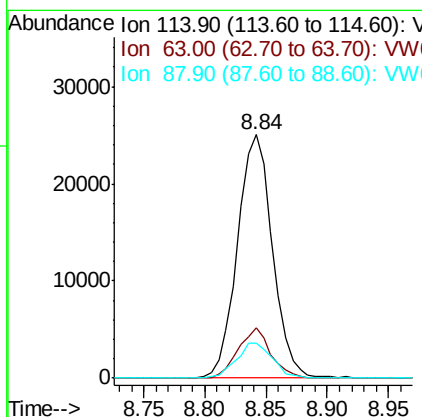
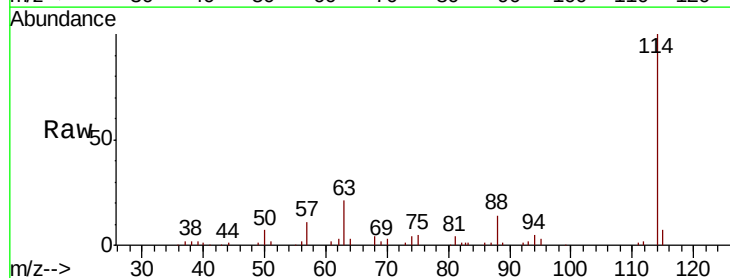
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11-(12-14)

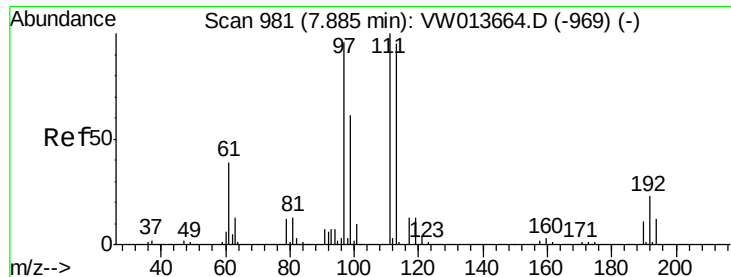
Tot Ion: 65 Resp: 15700
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014008.D
 Acq: 13 Nov 2019 15:51

Tgt Ion: 114 Resp: 49642
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.6
 88 14.2 0.0 30.2

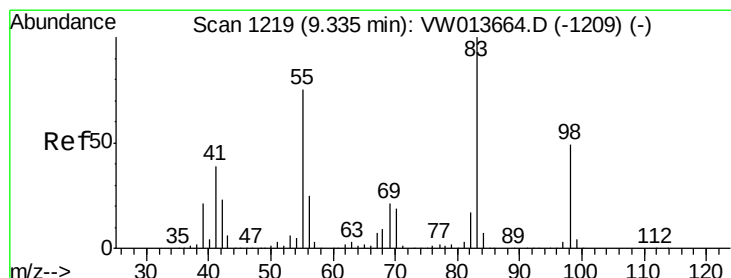
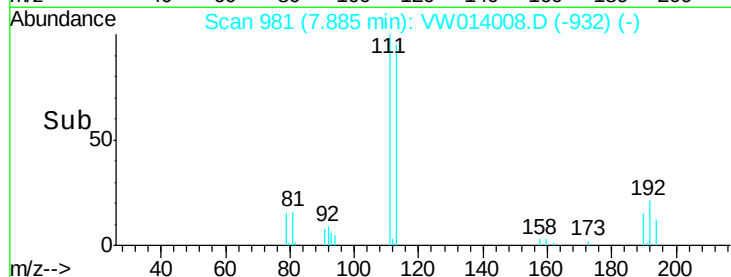
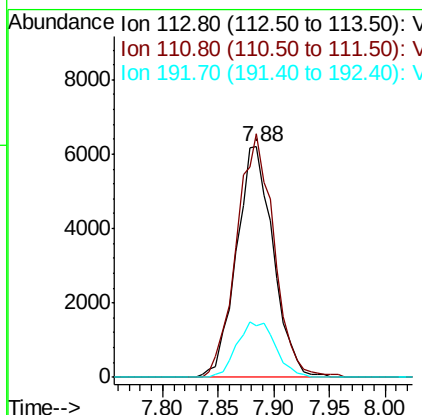
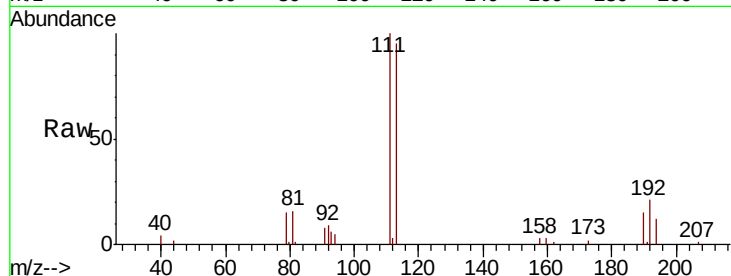




#35
Dibromofluoromethane
Concen: 51.650 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW014008.D
Acq: 13 Nov 2019 15:51

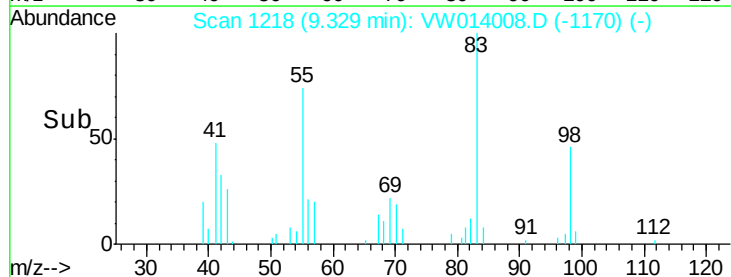
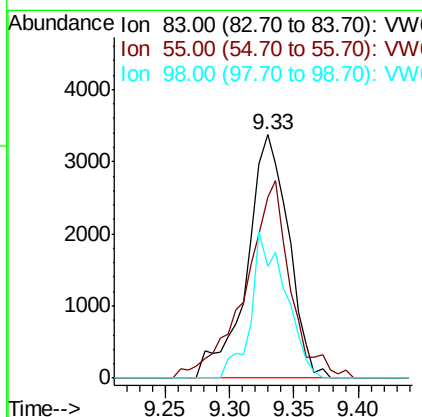
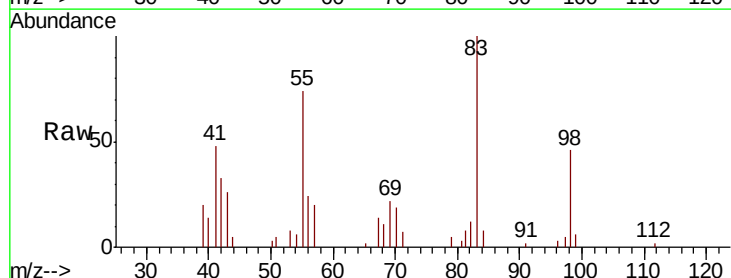
Instrument :
MSVOA_W
ClientSampleId :
SB-11-(12-14)

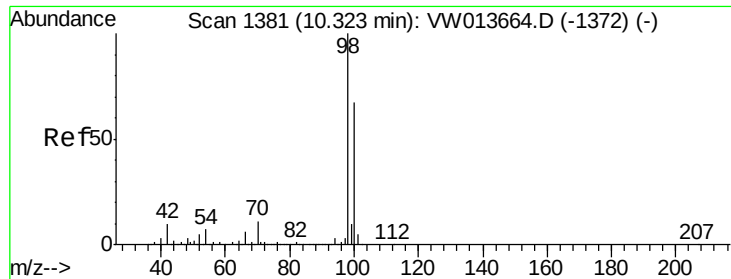
Tot Ion:113 Resp: 14247
Ion Ratio Lower Upper
113 100
111 107.1 83.0 124.6
192 25.1 19.4 29.2



#39
Methylcyclohexane
Concen: 12.639 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014008.D
Acq: 13 Nov 2019 15:51

Tgt Ion: 83 Resp: 7546
Ion Ratio Lower Upper
83 100
55 72.7 59.9 89.9
98 46.1 39.4 59.2





#50

Toluene-d8

Concen: 53.883 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014008.D

Acq: 13 Nov 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

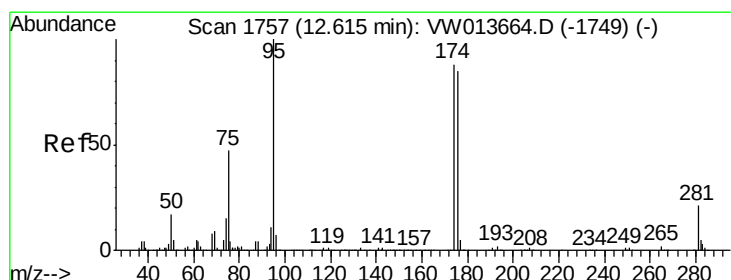
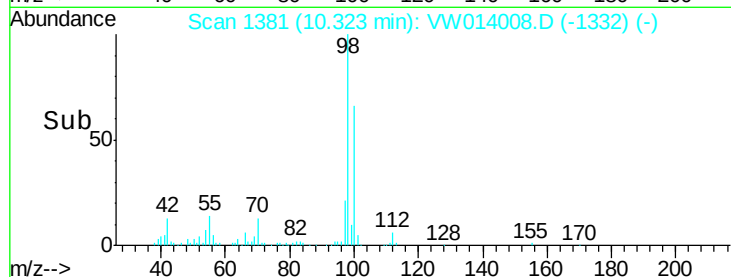
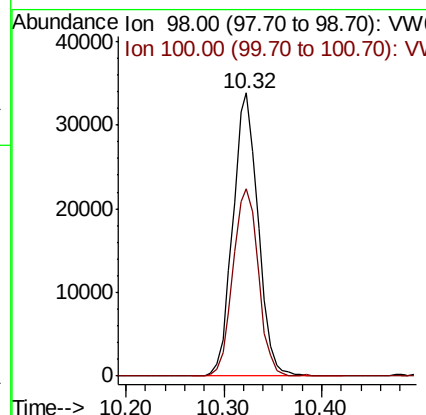
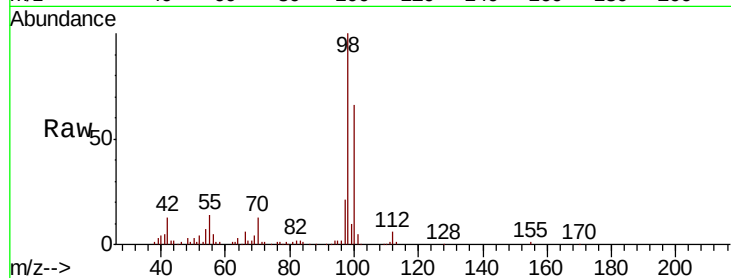
SB-11-(12-14)

Tot Ion: 98 Resp: 60563

Ion Ratio Lower Upper

98 100

100 66.4 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 45.982 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014008.D

Acq: 13 Nov 2019 15:51

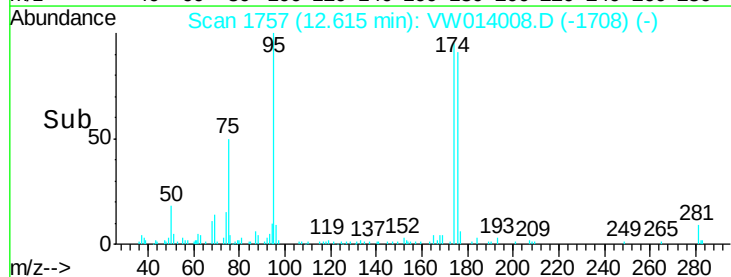
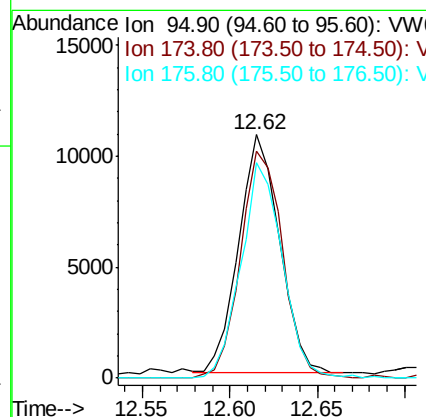
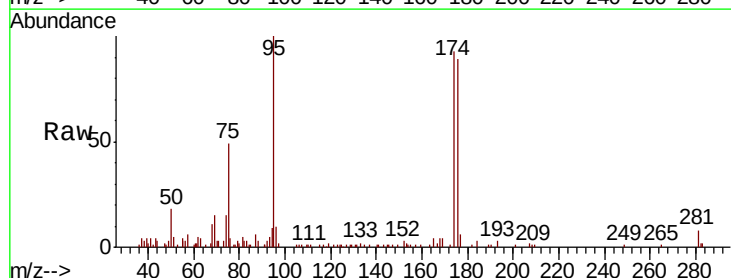
Tgt Ion: 95 Resp: 17500

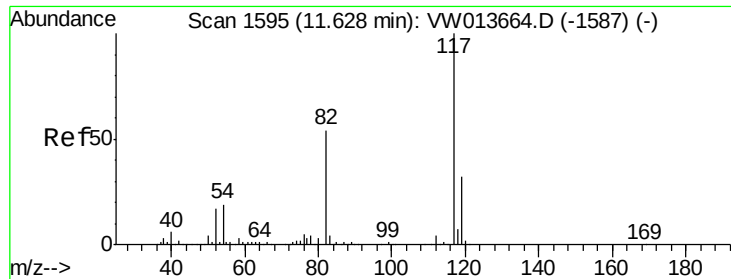
Ion Ratio Lower Upper

95 100

174 97.8 0.0 183.6

176 91.6 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW014008.D

Acq: 13 Nov 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

SB-11-(12-14)

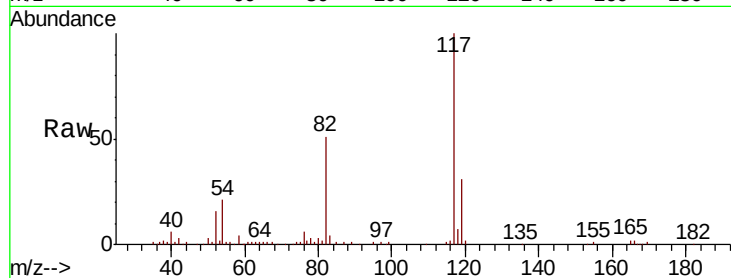
Tot Ion:117 Resp: 43228

Ion Ratio Lower Upper

117 100

82 49.7 43.6 65.4

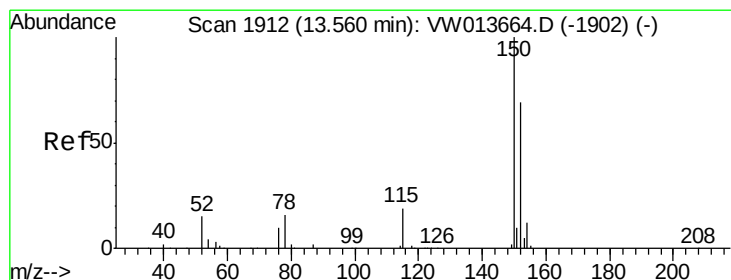
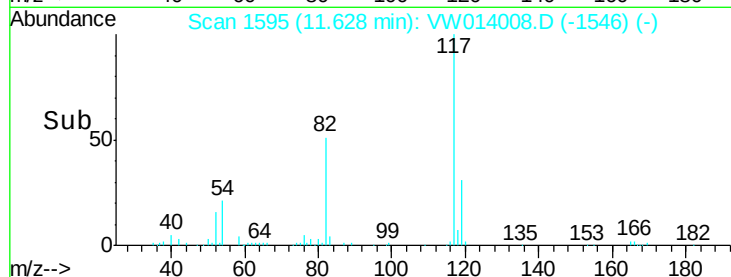
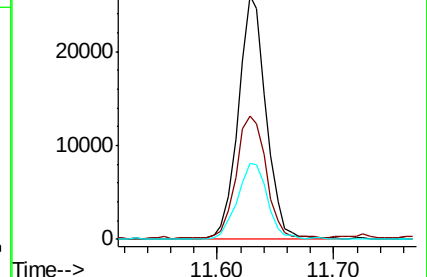
119 31.3 25.4 38.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW014008.D

Acq: 13 Nov 2019 15:51

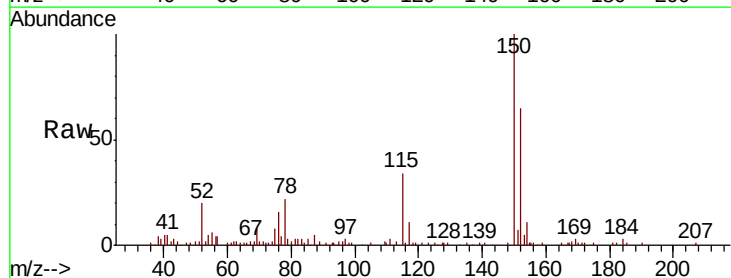
Tgt Ion:152 Resp: 16807

Ion Ratio Lower Upper

152 100

115 52.4 27.4 82.2

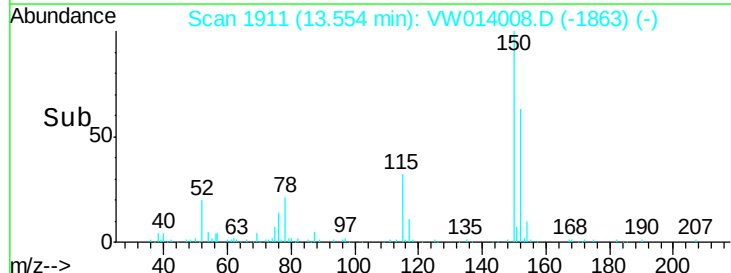
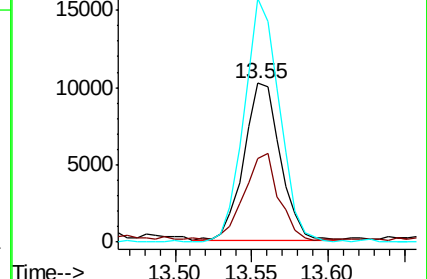
150 150.5 0.0 345.4

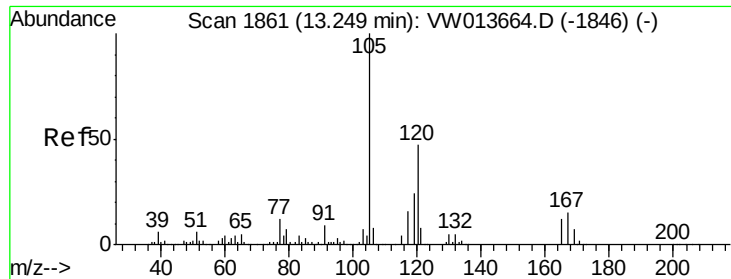


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84
 1,2,4-Trimethylbenzene
 Concen: 3.027 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW014008.D
 Acq: 13 Nov 2019 15:51

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11-(12-14)

Tot Ion:105 Resp: 3042
 Ion Ratio Lower Upper
 105 100
 120 52.3 23.5 70.5

