

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014577.D
 Acq On : 09 Jan 2020 12:58
 Operator : SY/VA
 Sample : L1056-02RE
 Misc : 7.14G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB447_200106_33-34RE

Quant Time: Jan 09 13:36:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

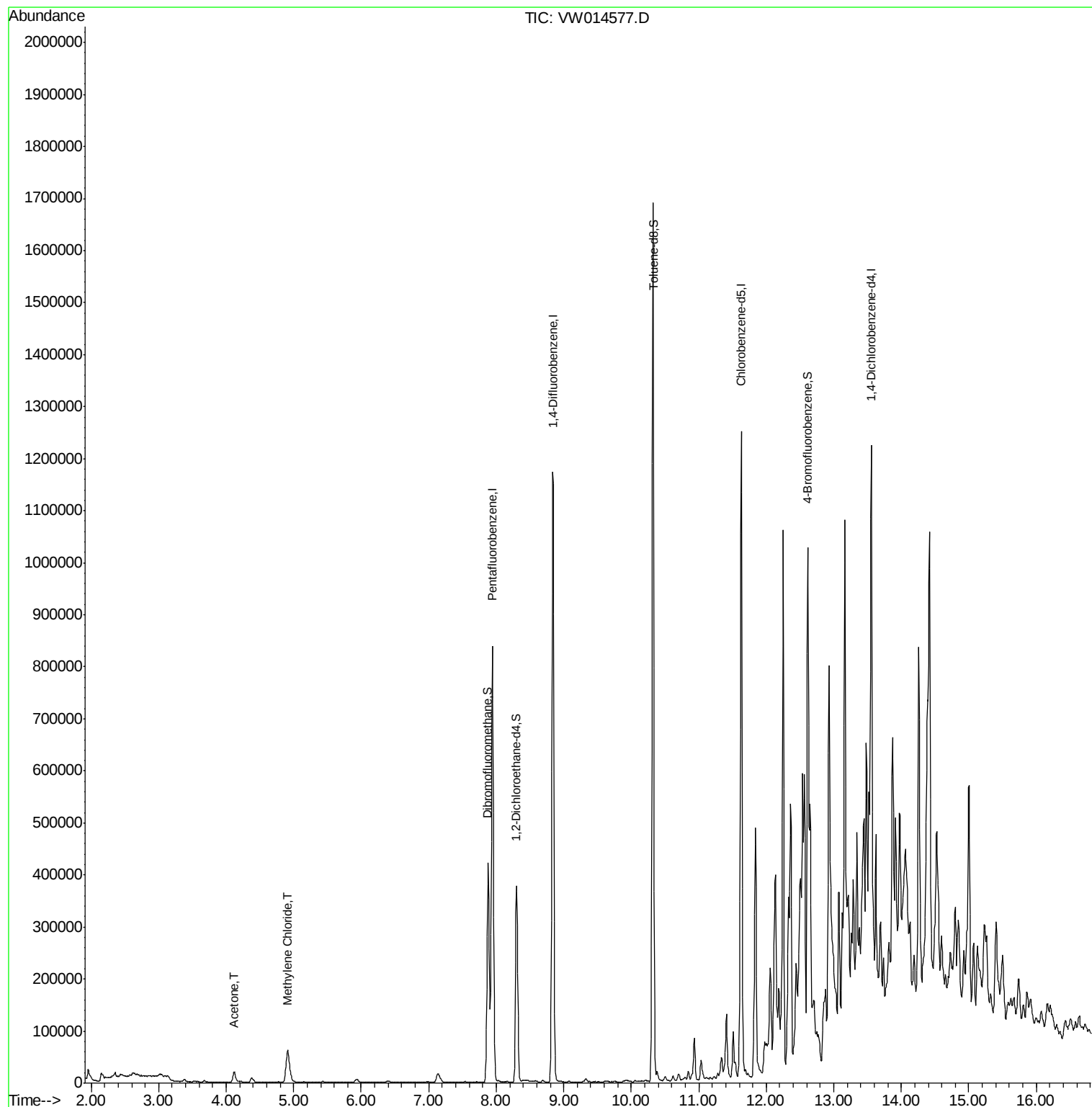
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	688096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1040273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	705466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	220941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	294057	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	7.88	113	314873	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
50) Toluene-d8	10.32	98	1155112	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
62) 4-Bromofluorobenzene	12.62	95	280993	33.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.78%	
Target Compounds						
16) Acetone	4.12	43	35281	20.769	ug/l	99
20) Methylene Chloride	4.90	84	56526	4.077	ug/l	93

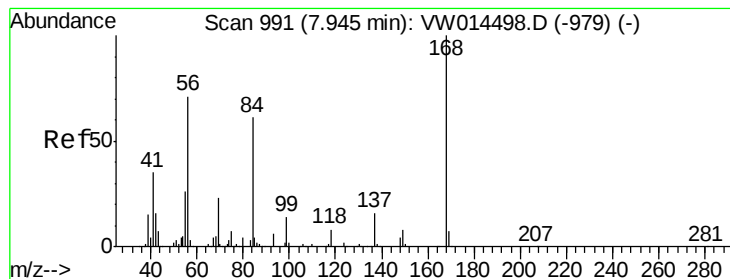
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014577.D

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Instrument :

MSVOA_W

ClientSampleId :

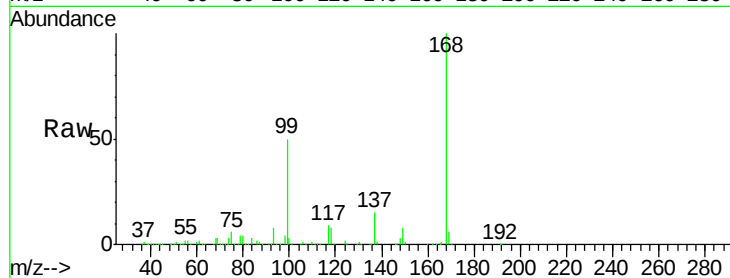
WP022SB447_200106_33-34RE

Tot Ion:168 Resp: 688096

Ion Ratio Lower Upper

168 100

99 50.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

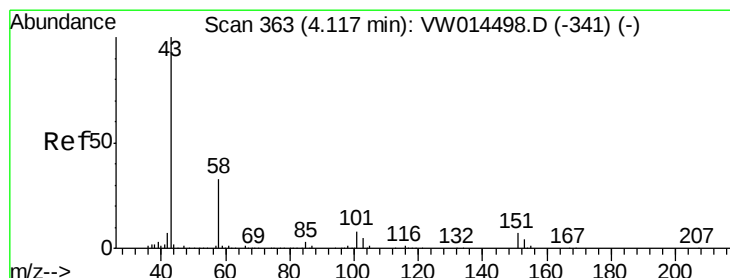
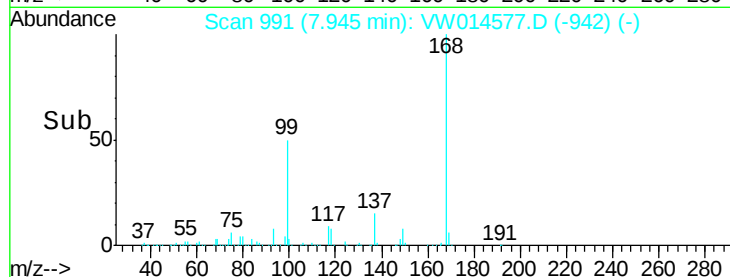
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 20.769 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014577.D

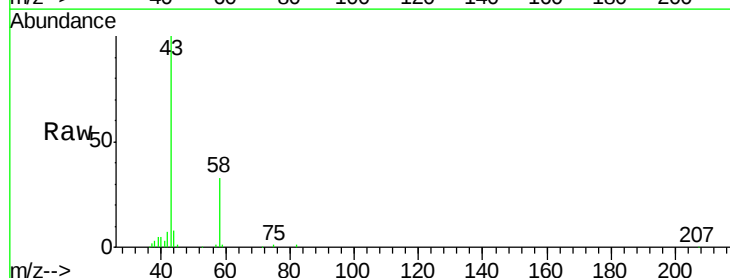
Acq: 09 Jan 2020 12:58

Tgt Ion: 43 Resp: 35281

Ion Ratio Lower Upper

43 100

58 32.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

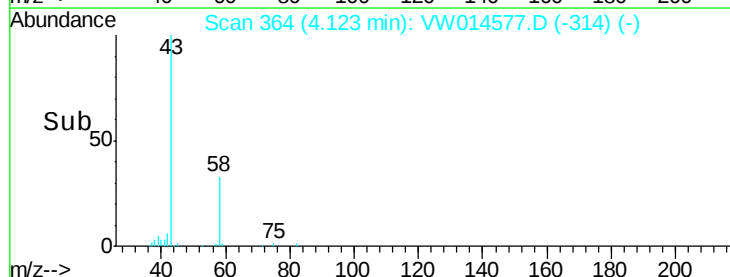
4.12

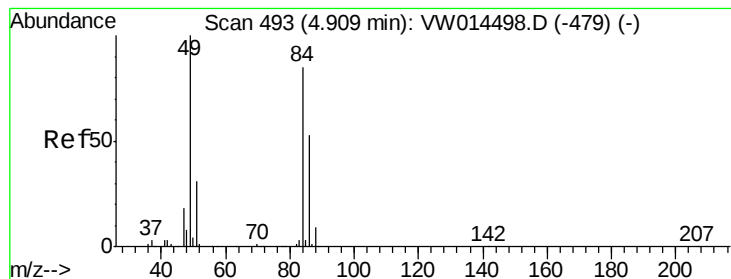
10000

5000

0

Time--> 4.00 4.10 4.20





#20

Methylene Chloride

Concen: 4.077 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW014577.D

Acq: 09 Jan 2020 12:58

Instrument :

MSVOA_W

ClientSampleId :

WP022SB447_200106_33-34RE

Tot Ion: 84 Resp: 56526

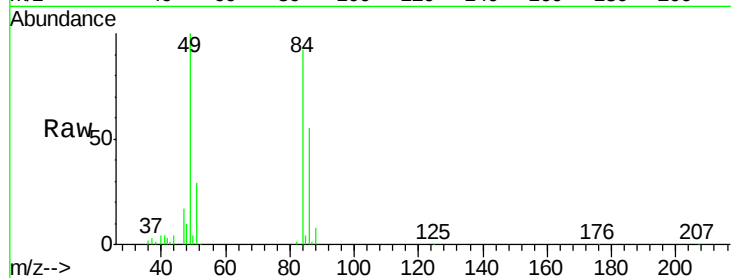
Ion Ratio Lower Upper

84 100

49 108.8 94.4 141.6

51 31.9 29.5 44.3

86 60.0 50.2 75.2

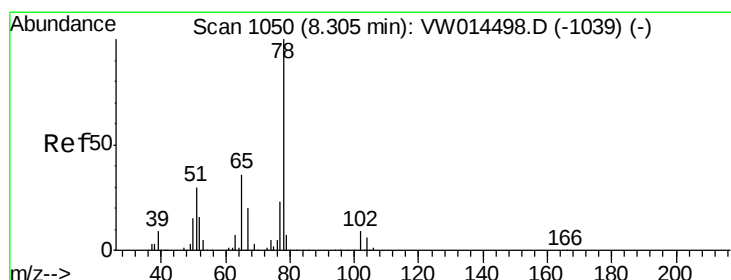
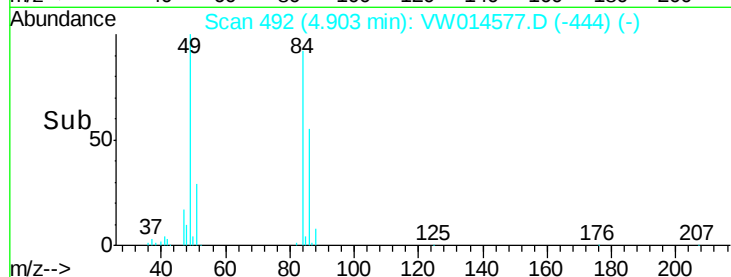
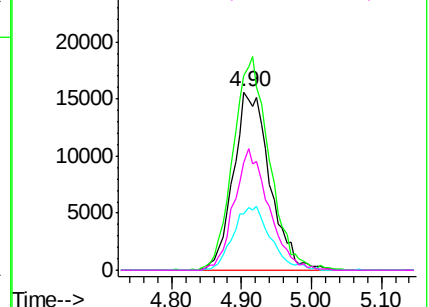


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 48.878 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014577.D

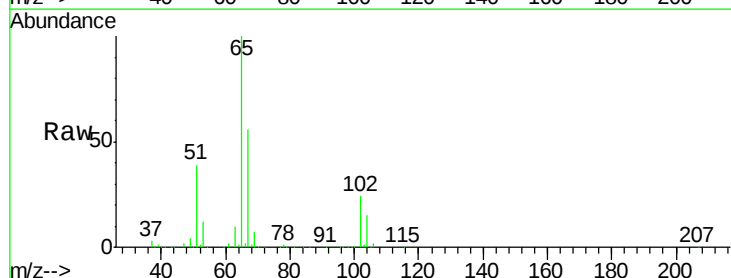
Acq: 09 Jan 2020 12:58

Tgt Ion: 65 Resp: 294057

Ion Ratio Lower Upper

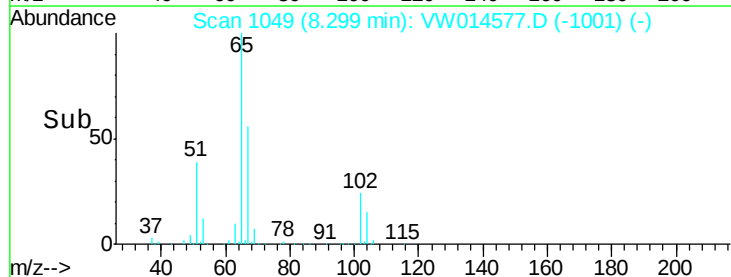
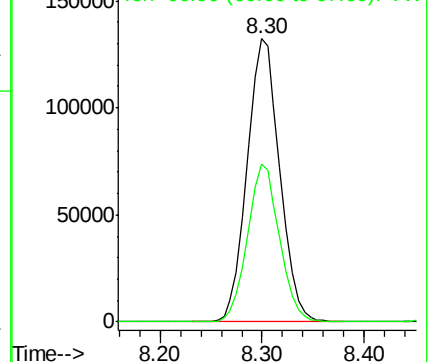
65 100

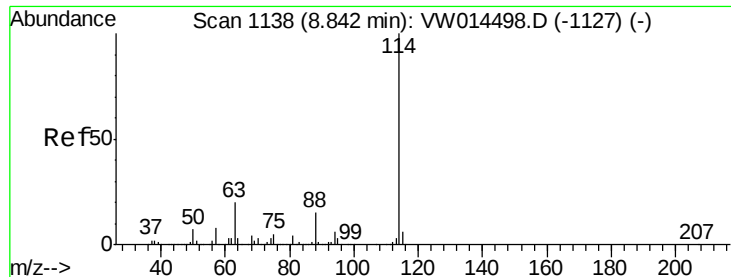
67 54.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

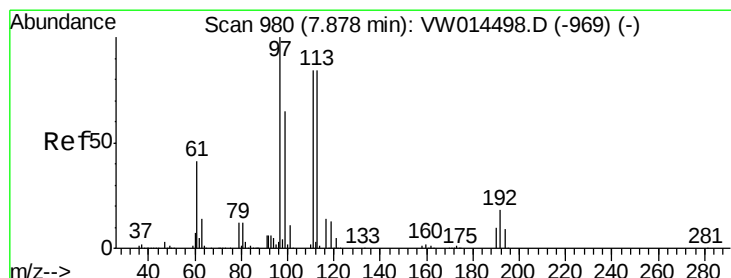
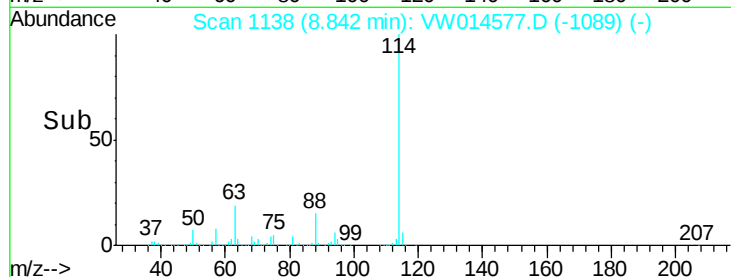
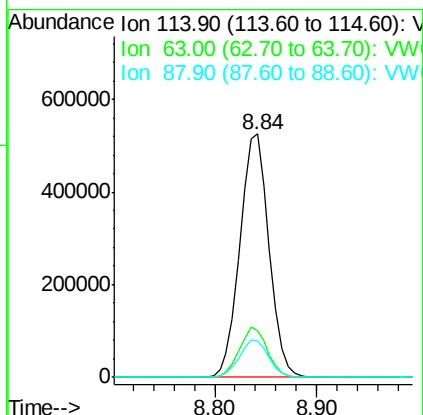
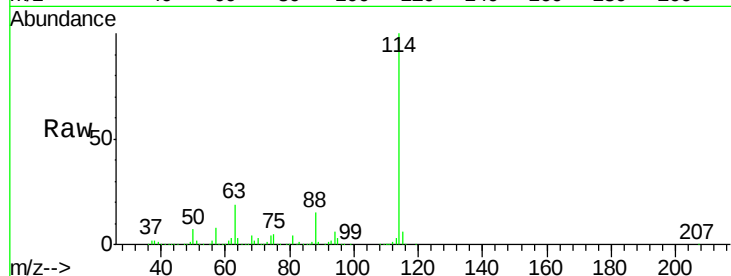




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014577.D
 Acq: 09 Jan 2020 12:58

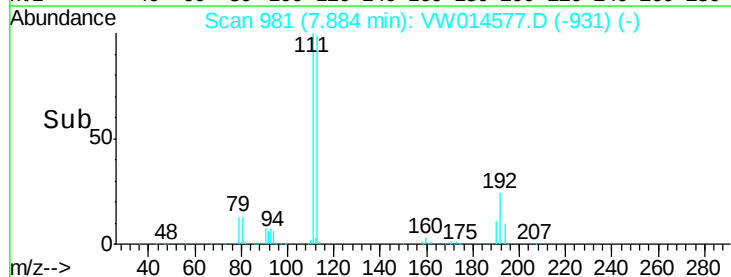
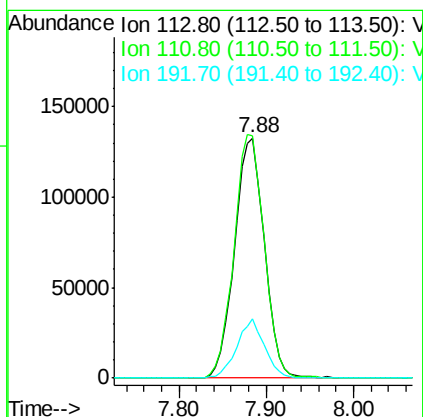
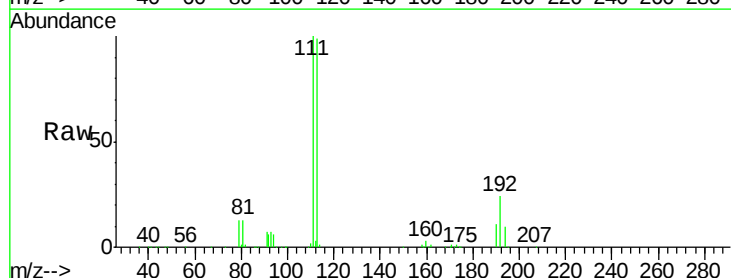
Instrument :
 MSVOA_W
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 WP022SB447_200106_33-34RE

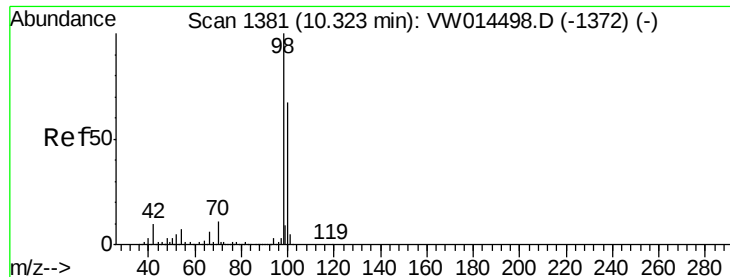
Tot Ion:114 Resp: 1040273
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.4
 88 15.0 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 52.961 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014577.D
 Acq: 09 Jan 2020 12:58

Tgt Ion:113 Resp: 314873
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.2
 192 22.8 17.8 26.8





#50

Toluene-d8

Concen: 46.556 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014577.D

Acq: 09 Jan 2020 12:58

Instrument :

MSVOA_W

ClientSampleId :

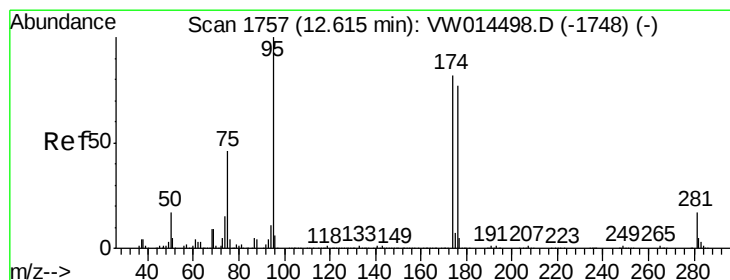
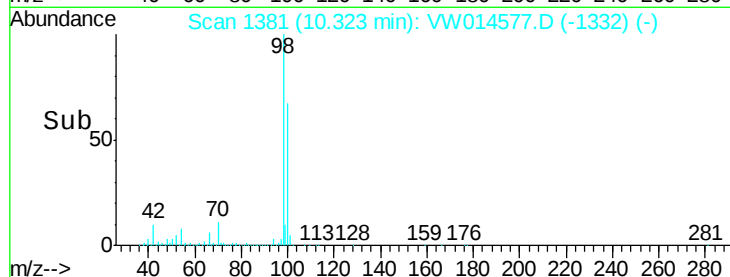
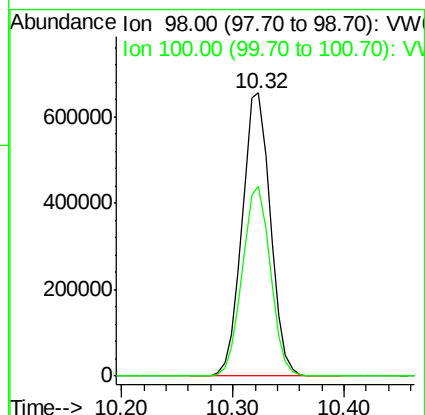
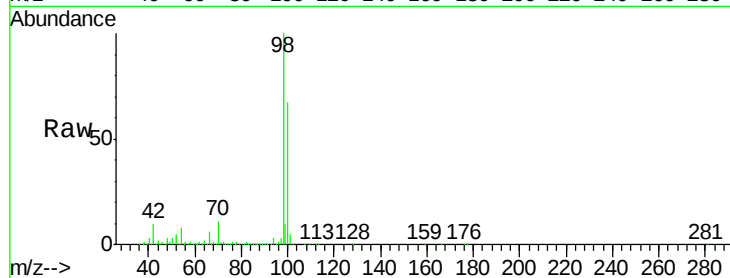
WP022SB447_200106_33-34RE

Tot Ion: 98 Resp: 1155112

Ion Ratio Lower Upper

98 100

100 66.9 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 33.389 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014577.D

Acq: 09 Jan 2020 12:58

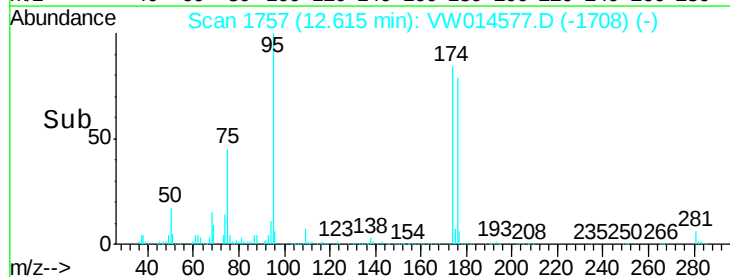
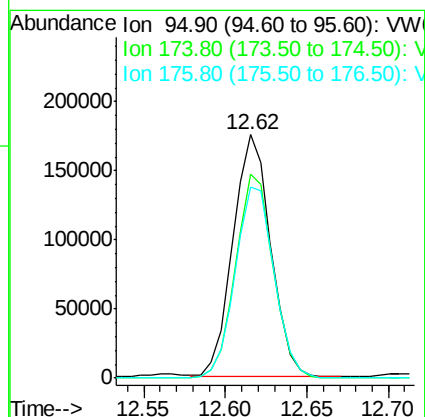
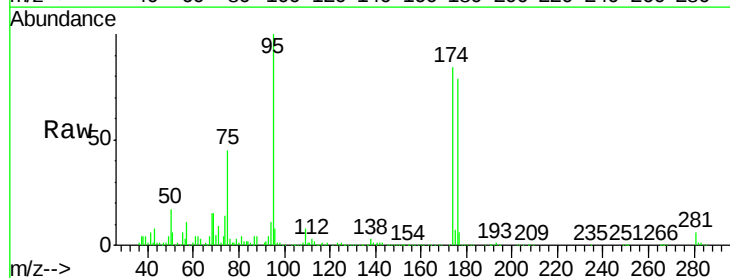
Tgt Ion: 95 Resp: 280993

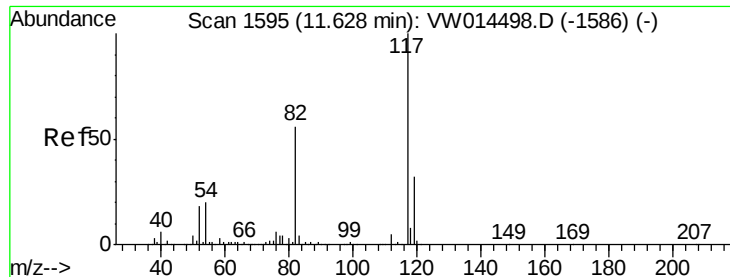
Ion Ratio Lower Upper

95 100

174 84.6 0.0 168.6

176 82.1 0.0 162.0

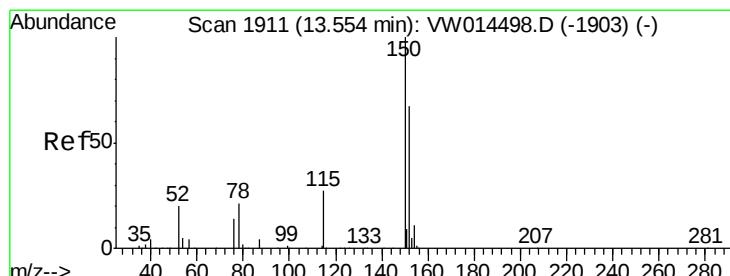
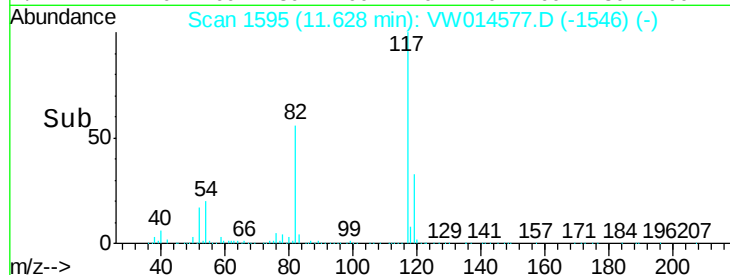
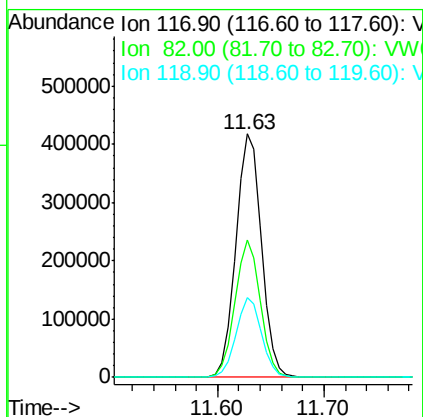
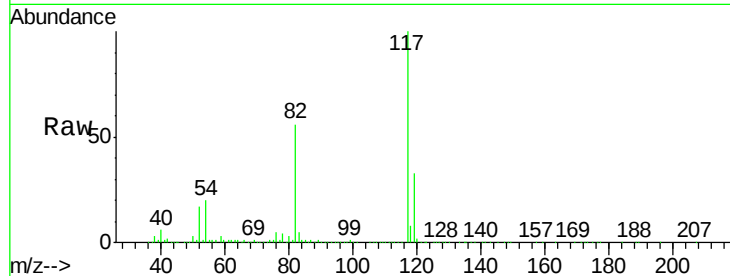




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014577.D
Acq: 09 Jan 2020 12:58

Instrument :
MSVOA_W
ClientSampleId :
WP022SB447_200106_33-34RE

Tot Ion:117 Resp: 705466
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014577.D
Acq: 09 Jan 2020 12:58

Tgt Ion:152 Resp: 220941
Ion Ratio Lower Upper
152 100
115 53.7 27.7 83.1
150 149.3 0.0 343.4

