

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014564.D
 Acq On : 08 Jan 2020 17:15
 Operator : SY/VA
 Sample : L1056-05
 Misc : 8.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB449_200107_32-34

Quant Time: Jan 09 01:14:40 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

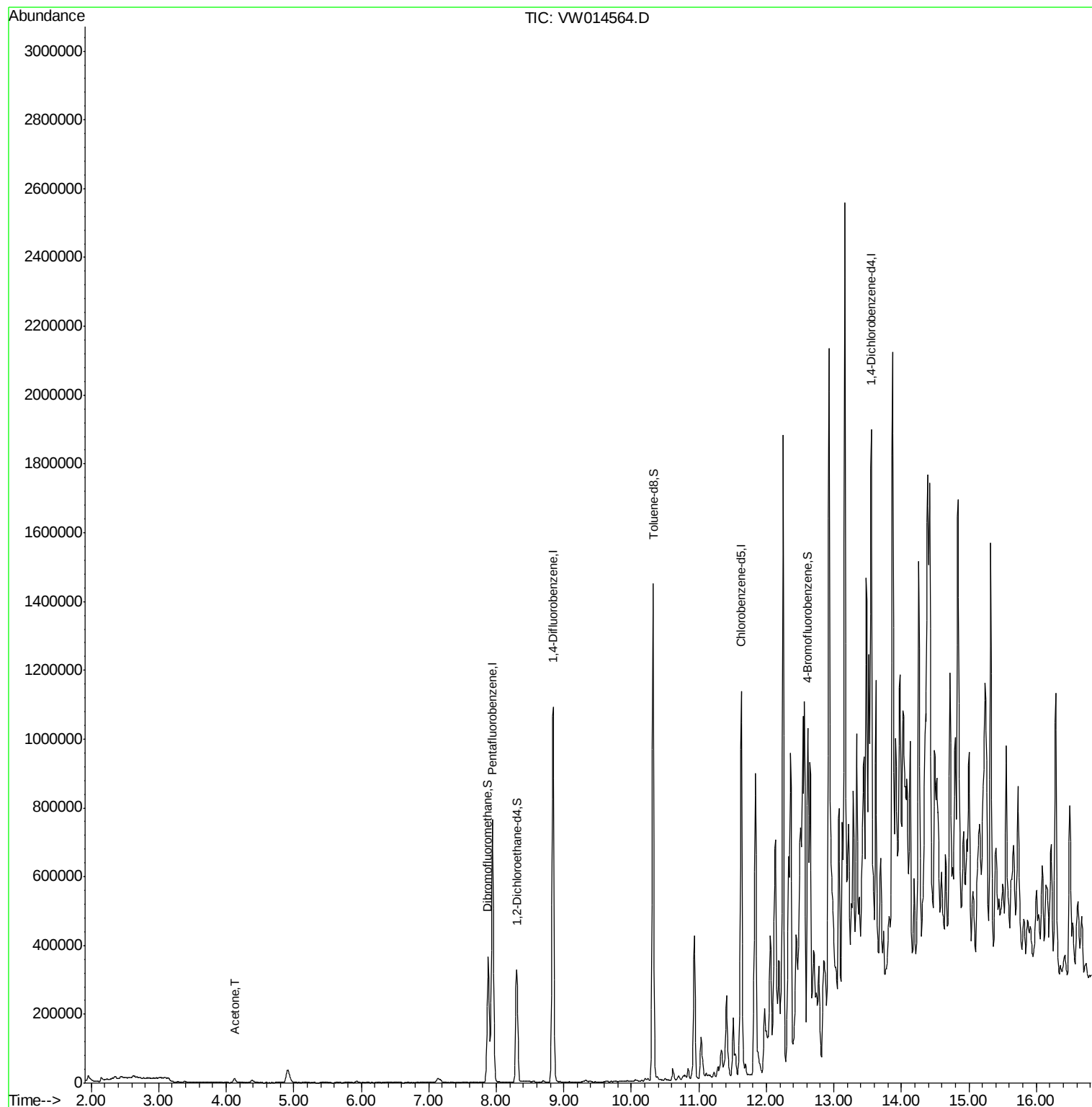
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	609825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	956169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	640933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	201453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	260401	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	7.88	113	267968	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.32	98	978896	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.84%	
62) 4-Bromofluorobenzene	12.62	95	233559	30.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.38%	
Target Compounds						
16) Acetone	4.12	43	20176	13.401	ug/l	Qvalue 98

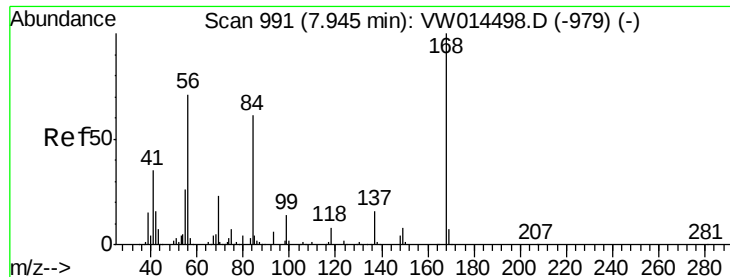
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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ClientSampleId :

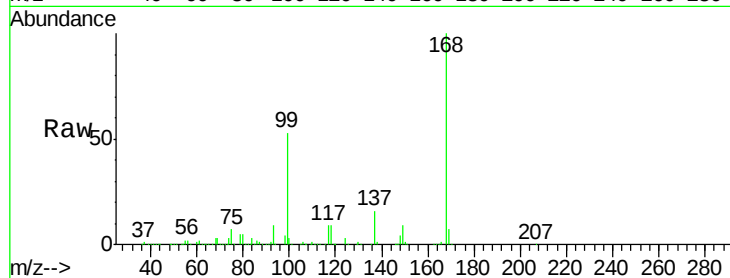
WP022SB449_200107_32-34

Tgt Ion:168 Resp: 609825

Ion Ratio Lower Upper

168 100

99 52.9 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

250000

200000

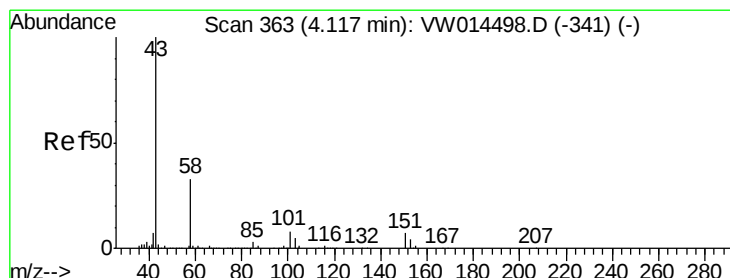
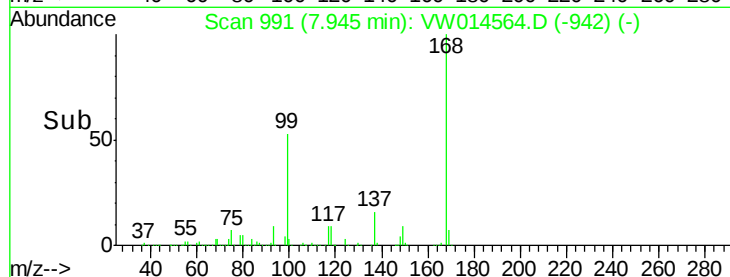
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 13.401 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014564.D

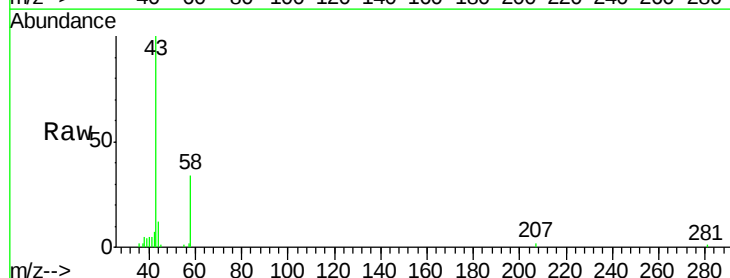
Acq: 08 Jan 2020 17:15

Tgt Ion: 43 Resp: 20176

Ion Ratio Lower Upper

43 100

58 34.1 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

8000

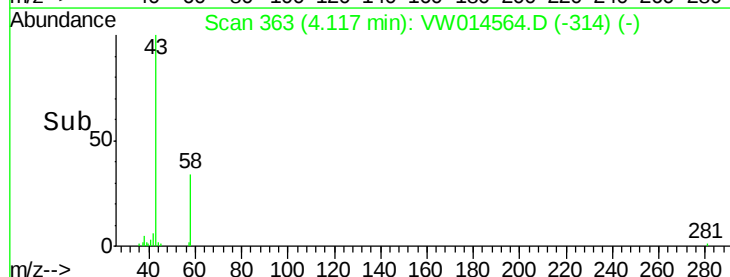
6000

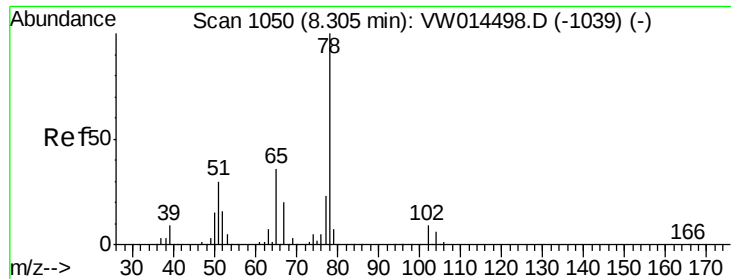
4000

2000

0

Time--> 4.05 4.10 4.15 4.20 4.25

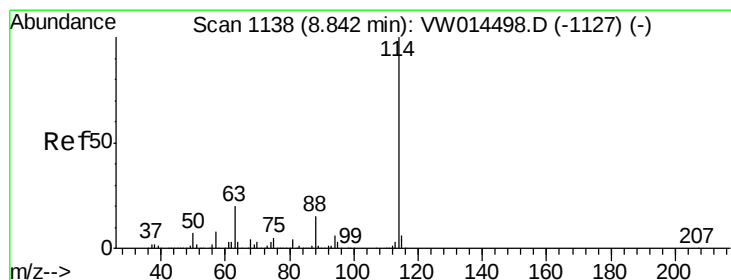
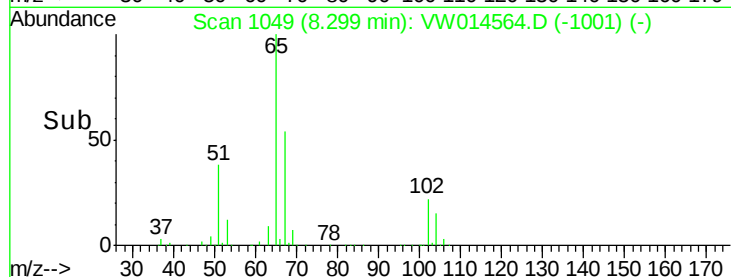
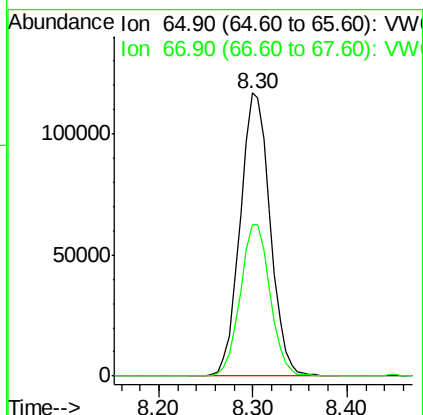
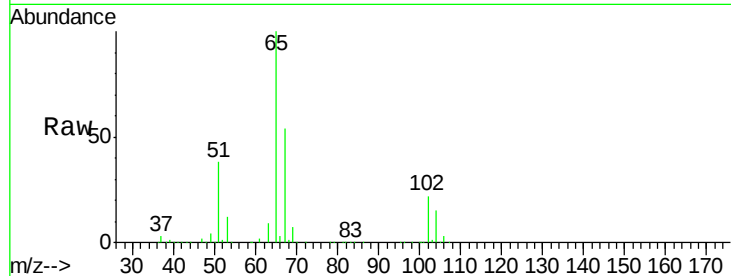




#33
 1,2-Dichloroethane-d4
 Concen: 48.839 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014564.D
 Acq: 08 Jan 2020 17:15

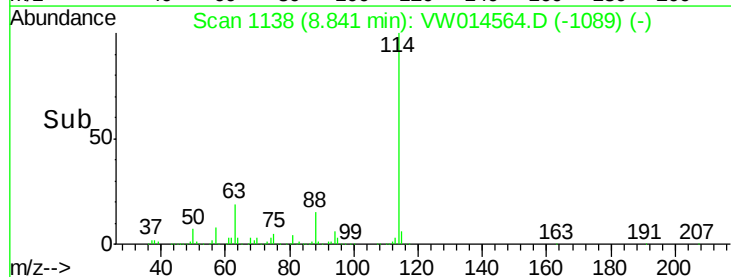
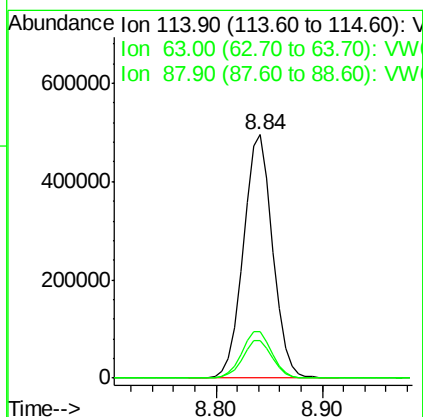
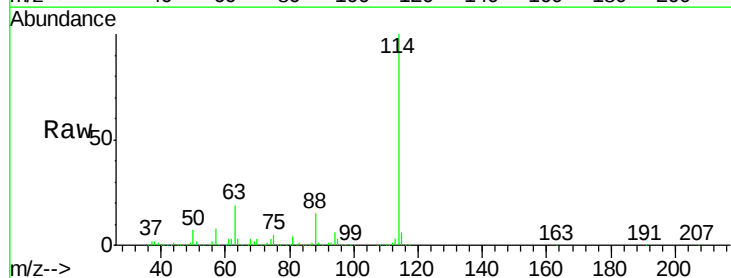
Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB449_200107_32-34

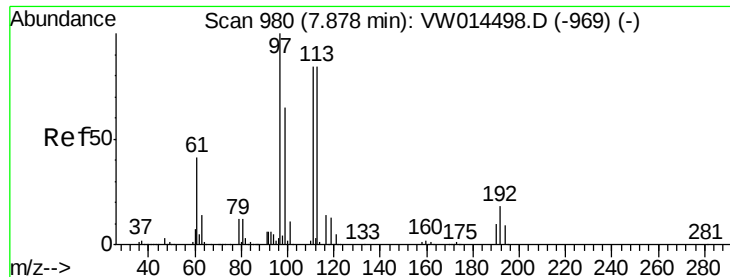
Tgt Ion: 65 Resp: 260401
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014564.D
 Acq: 08 Jan 2020 17:15

Tgt Ion: 114 Resp: 956169
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.4
 88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.036 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014564.D

Acq: 08 Jan 2020 17:15

Instrument :

MSVOA_W

ClientSampleId :

WP022SB449_200107_32-34

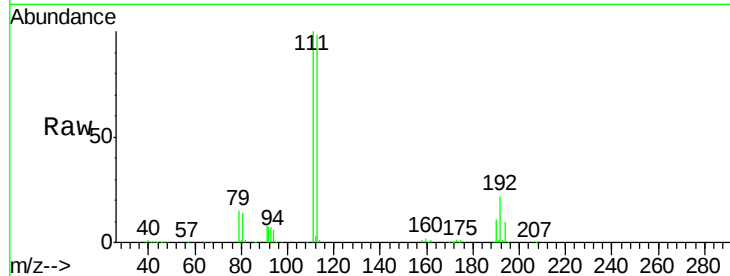
Tgt Ion:113 Resp: 267968

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.2

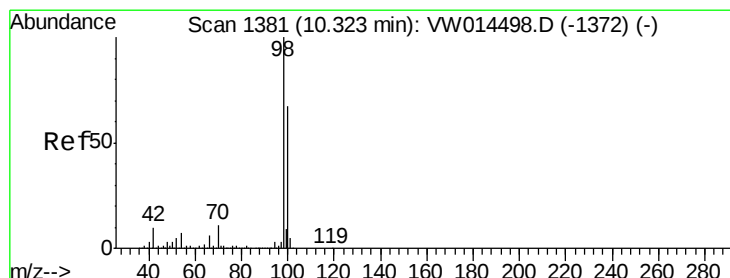
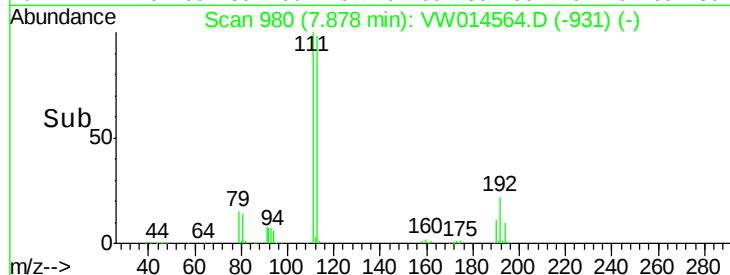
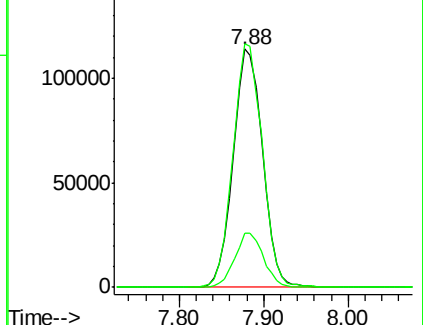
192 22.3 17.8 26.8



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: 42.924 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014564.D

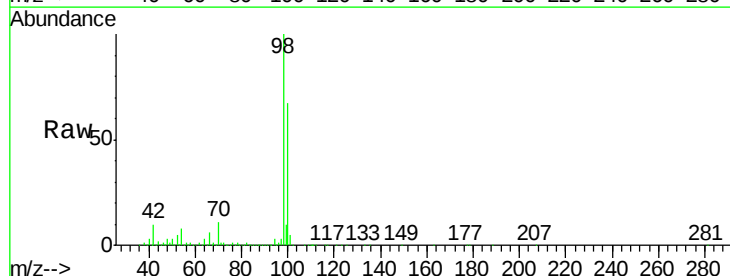
Acq: 08 Jan 2020 17:15

Tgt Ion: 98 Resp: 978896

Ion Ratio Lower Upper

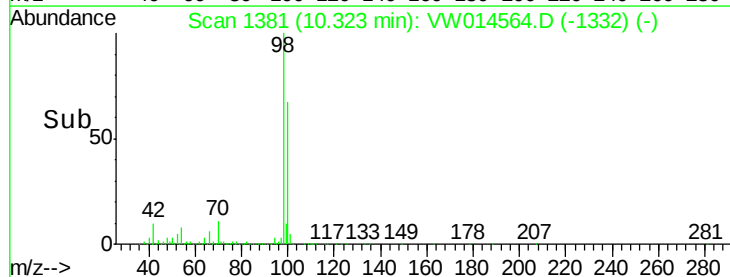
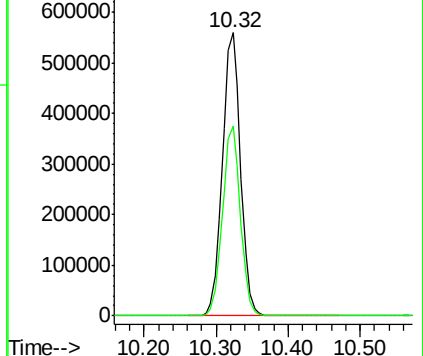
98 100

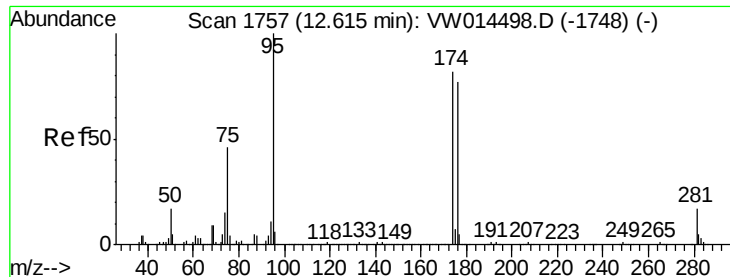
100 66.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 30.194 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014564.D

Acq: 08 Jan 2020 17:15

Instrument :

MSVOA_W

ClientSampleId :

WP022SB449_200107_32-34

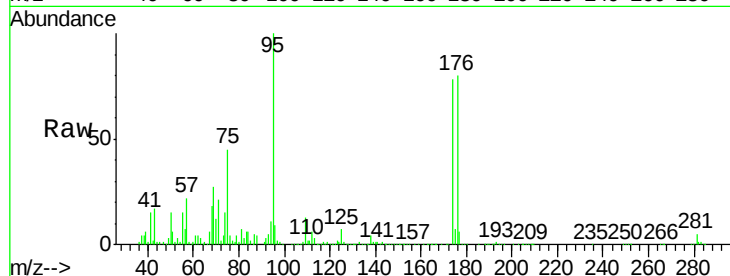
Tgt Ion: 95 Resp: 233559

Ion Ratio Lower Upper

95 100

174 83.0 0.0 168.6

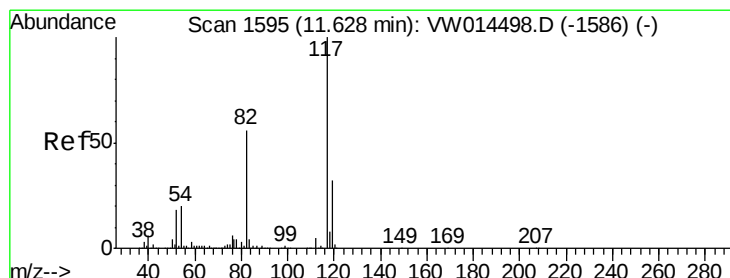
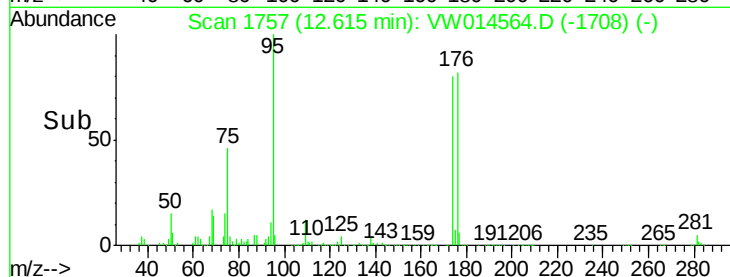
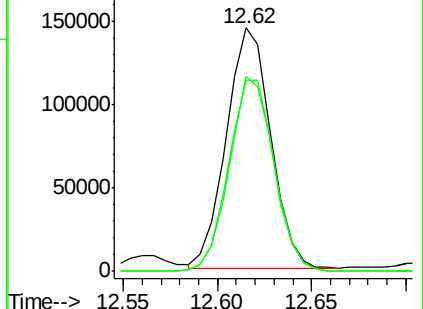
176 81.3 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW014564.D

Acq: 08 Jan 2020 17:15

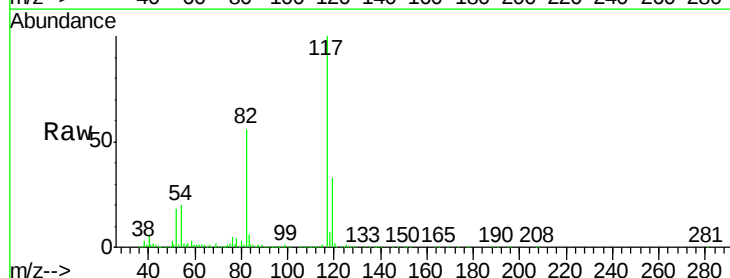
Tgt Ion: 117 Resp: 640933

Ion Ratio Lower Upper

117 100

82 56.0 44.6 67.0

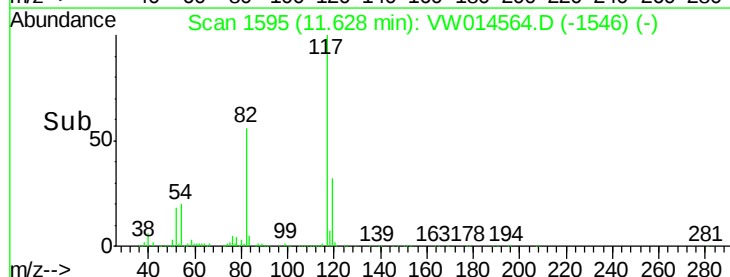
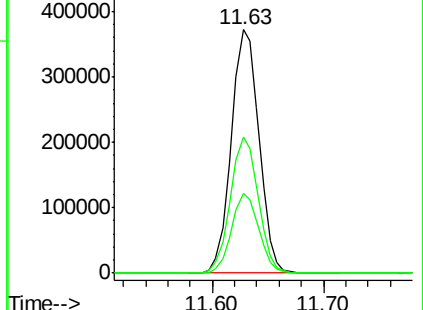
119 32.5 25.7 38.5

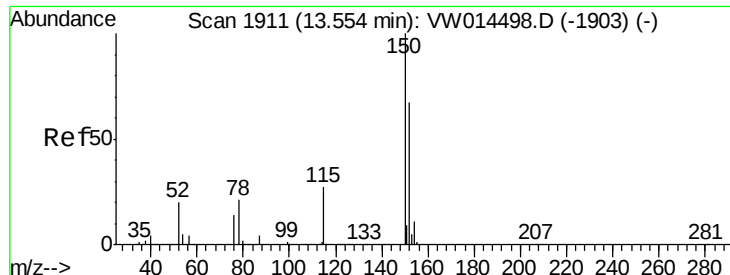


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014564.D

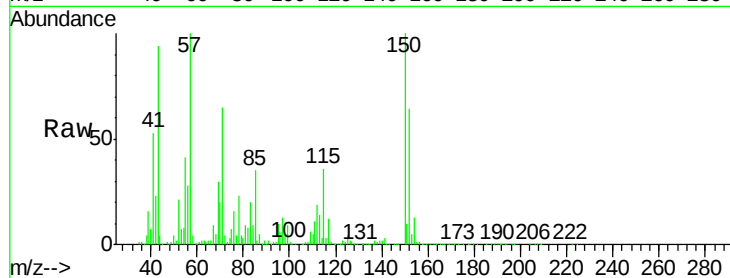
Acq: 08 Jan 2020 17:15

Instrument :

MSVOA_W

ClientSampleId :

WP022SB449_200107_32-34



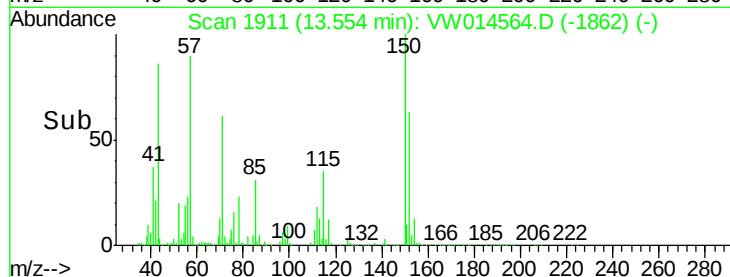
Tgt Ion:152 Resp: 201453

Ion Ratio Lower Upper

152 100

115 49.3 27.7 83.1

150 142.2 0.0 343.4



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

