

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012260.D
 Acq On : 28 Aug 2019 17:49
 Operator : SY/VA
 Sample : K4510-01
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-44-6.5-7.0

Quant Time: Aug 28 18:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

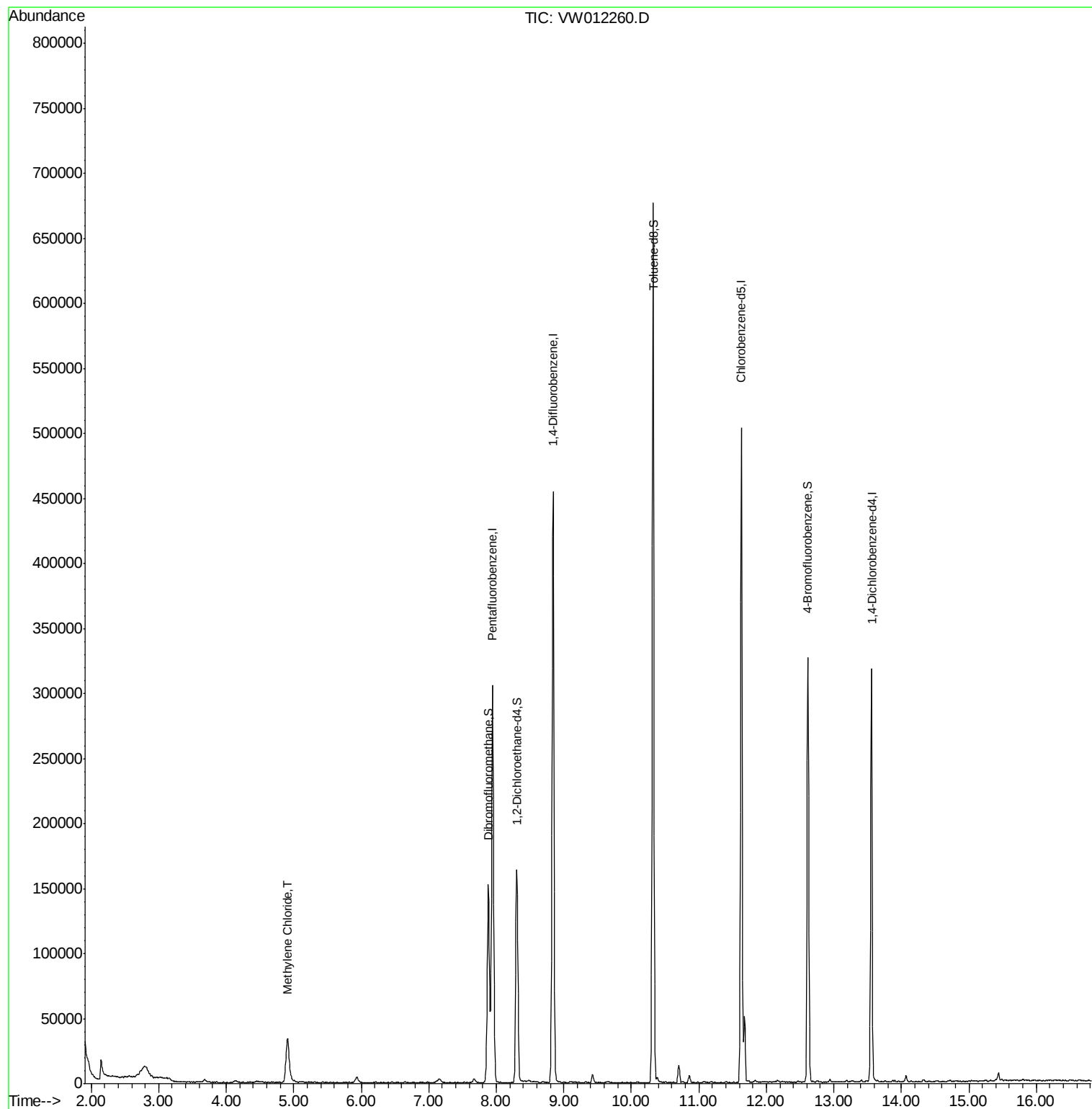
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	132355	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	7.88	113	108434	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
50) Toluene-d8	10.32	98	428819	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.62	95	107050	34.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.82%	
Target Compounds						
20) Methylene Chloride	4.90	84	25237	9.949	ug/l	Qvalue 99

(#) = 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

Lab File: VW012260.D

Acq: 28 Aug 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

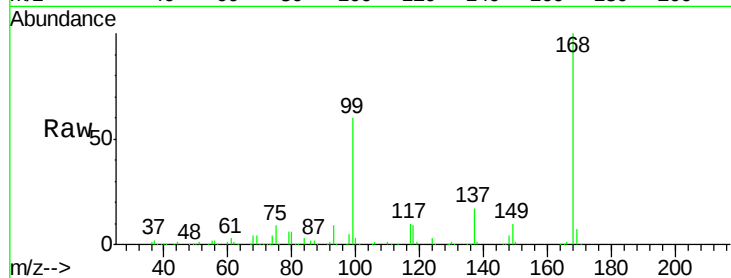
SB-44-6.5-7.0

Tot Ion:168 Resp: 220818

Ion Ratio Lower Upper

168 100

99 60.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

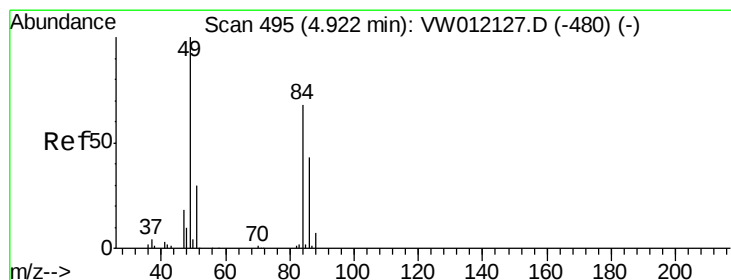
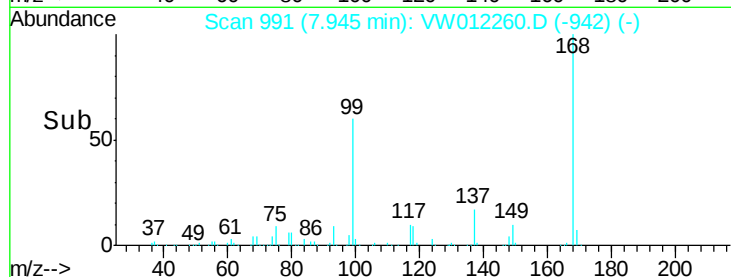
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 9.949 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012260.D

Acq: 28 Aug 2019 17:49

Tgt Ion: 84 Resp: 25237

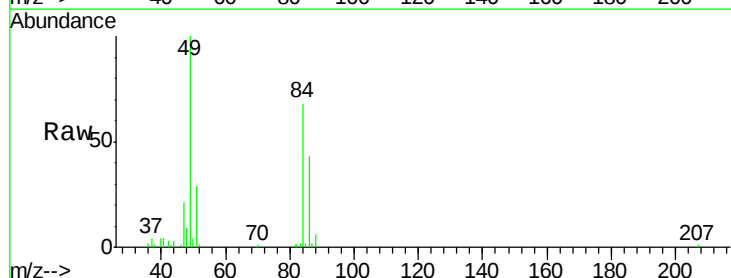
Ion Ratio Lower Upper

84 100

49 147.2 117.8 176.8

51 42.8 35.6 53.4

86 63.9 51.2 76.8



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

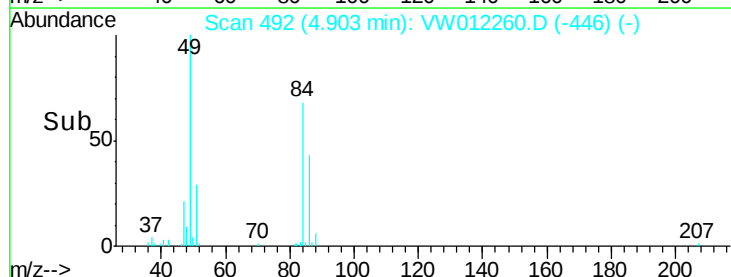
15000

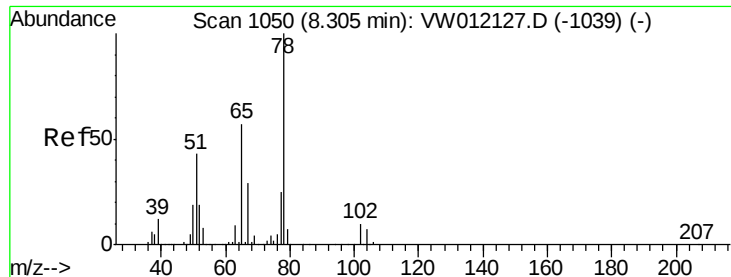
10000

5000

0

Time--> 4.80 4.90 5.00

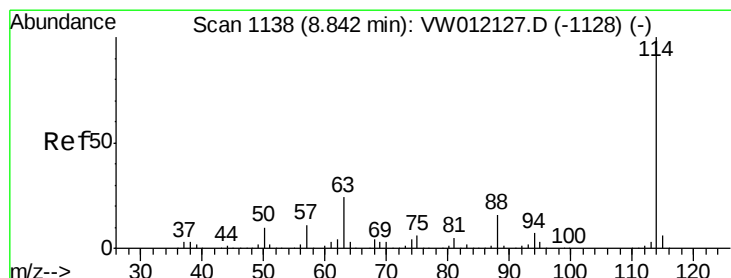
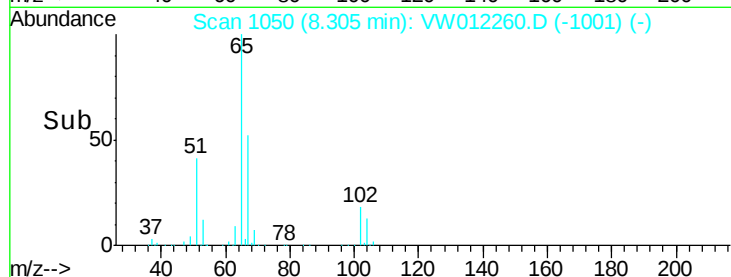
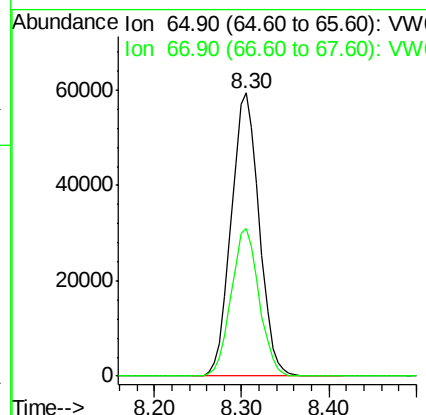
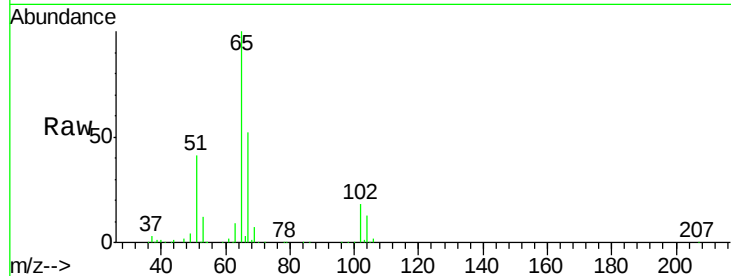




#33
 1,2-Dichloroethane-d4
 Concen: 50.421 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012260.D
 Acq: 28 Aug 2019 17:49

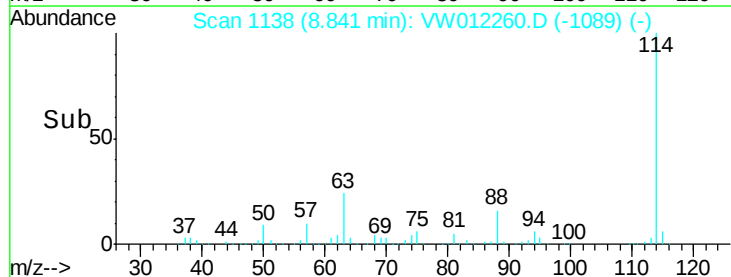
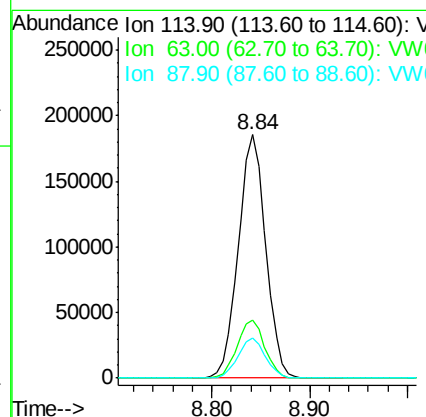
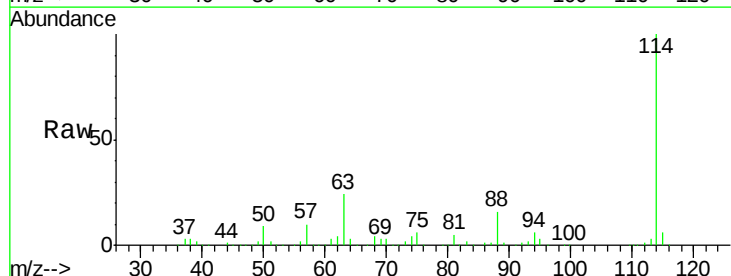
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-44-6.5-7.0

Tot Ion: 65 Resp: 132355
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012260.D
 Acq: 28 Aug 2019 17:49

Tgt Ion: 114 Resp: 359455
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 48.6
 88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.538 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012260.D

Acq: 28 Aug 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

SB-44-6.5-7.0

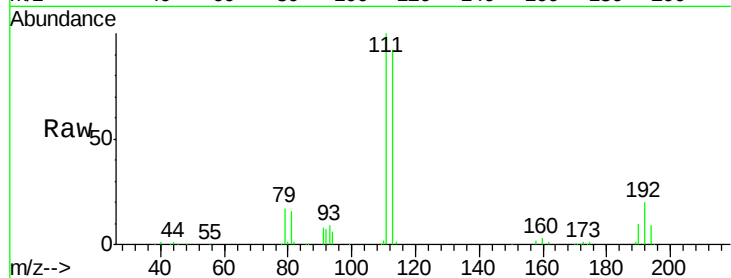
Tot Ion:113 Resp: 108434

Ion Ratio Lower Upper

113 100

111 105.3 82.7 124.1

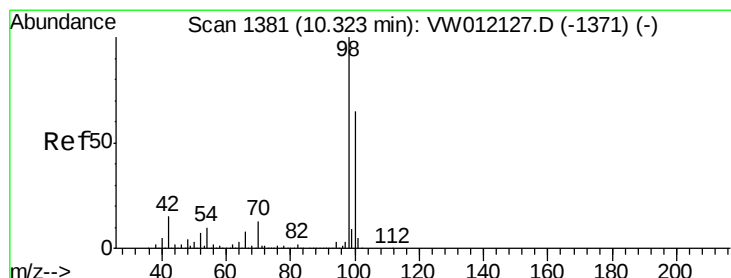
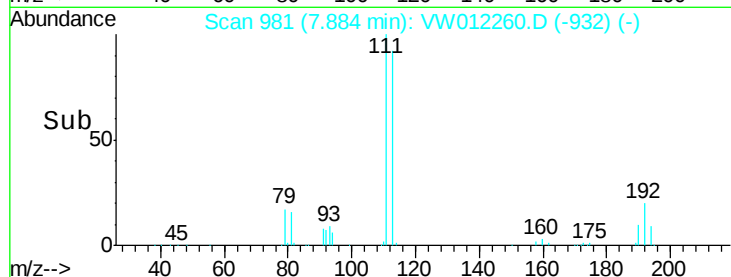
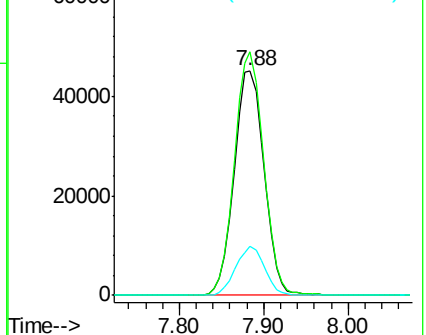
192 20.9 16.2 24.2



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: 49.291 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012260.D

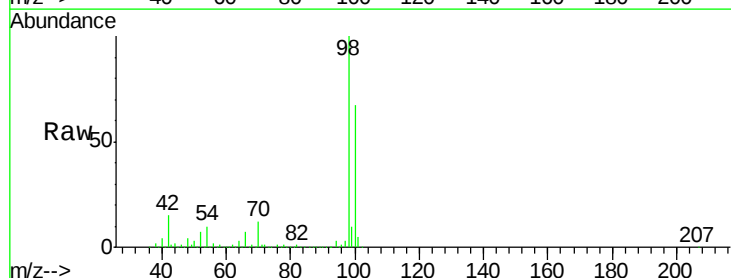
Acq: 28 Aug 2019 17:49

Tgt Ion: 98 Resp: 428819

Ion Ratio Lower Upper

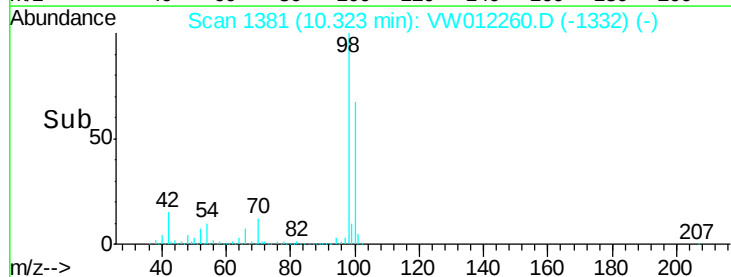
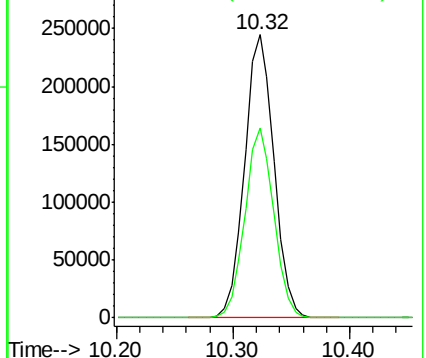
98 100

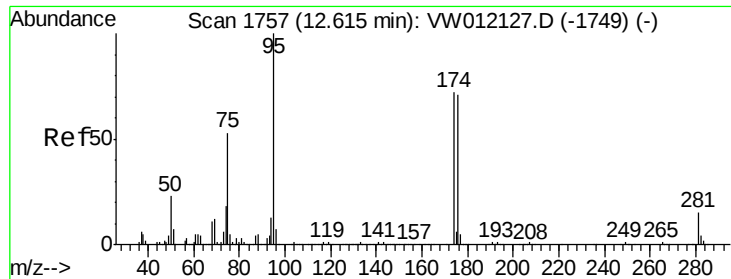
100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 34.908 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012260.D

Acq: 28 Aug 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

SB-44-6.5-7.0

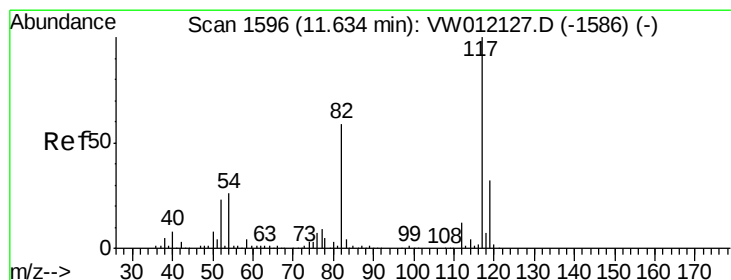
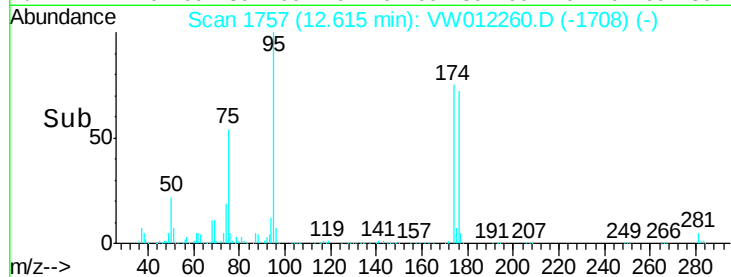
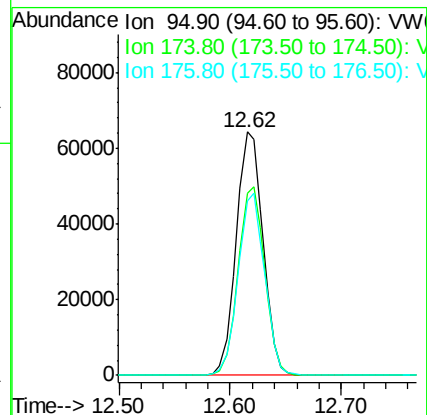
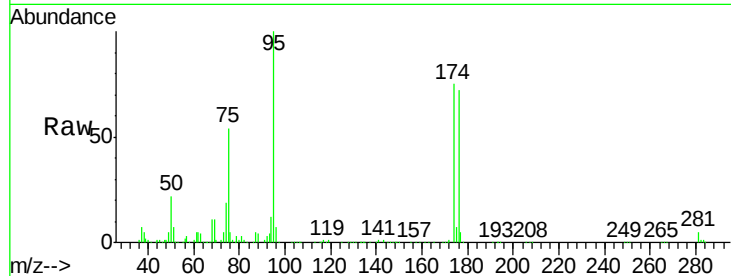
Tot Ion: 95 Resp: 107050

Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.8

176 73.8 0.0 148.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012260.D

Acq: 28 Aug 2019 17:49

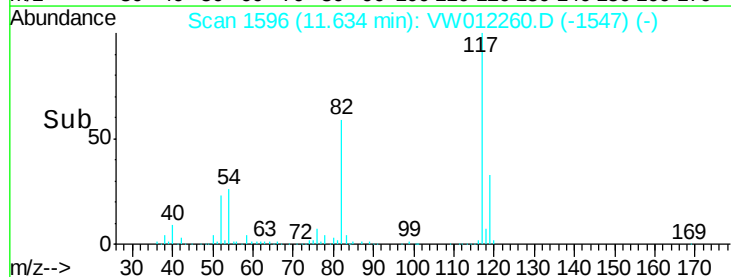
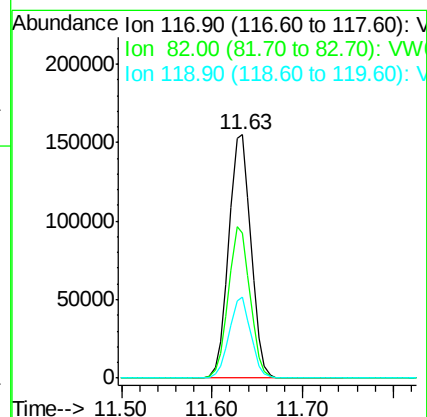
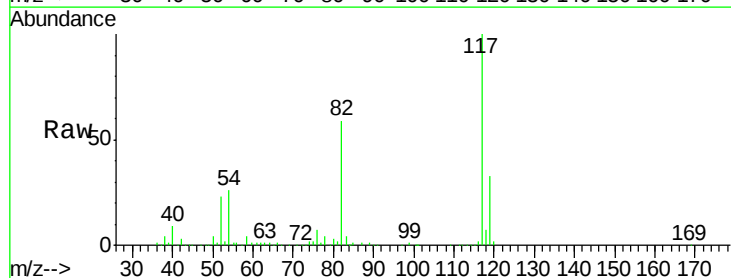
Tgt Ion: 117 Resp: 264230

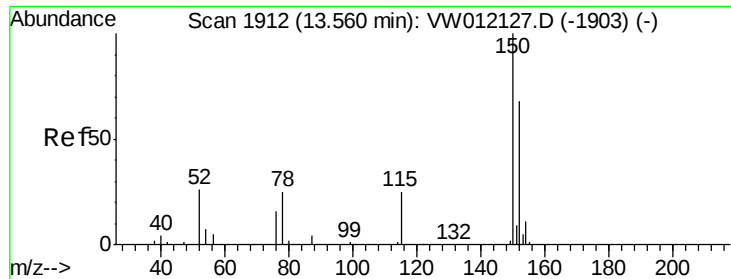
Ion Ratio Lower Upper

117 100

82 59.5 47.4 71.2

119 33.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012260.D

Acq: 28 Aug 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

SB-44-6.5-7.0

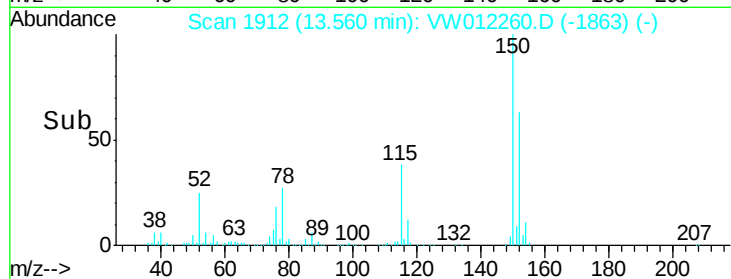
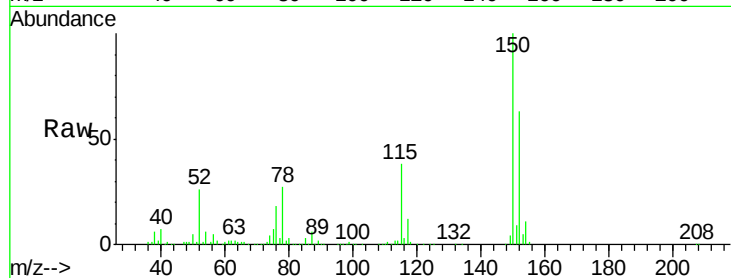
Tot Ion:152 Resp: 79864

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.3

150 158.0 0.0 345.8



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

