

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012331.D
 Acq On : 30 Aug 2019 04:33
 Operator : SY/VA
 Sample : K4569-01
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-39-6.5-7.0

Quant Time: Aug 30 09:42:15 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

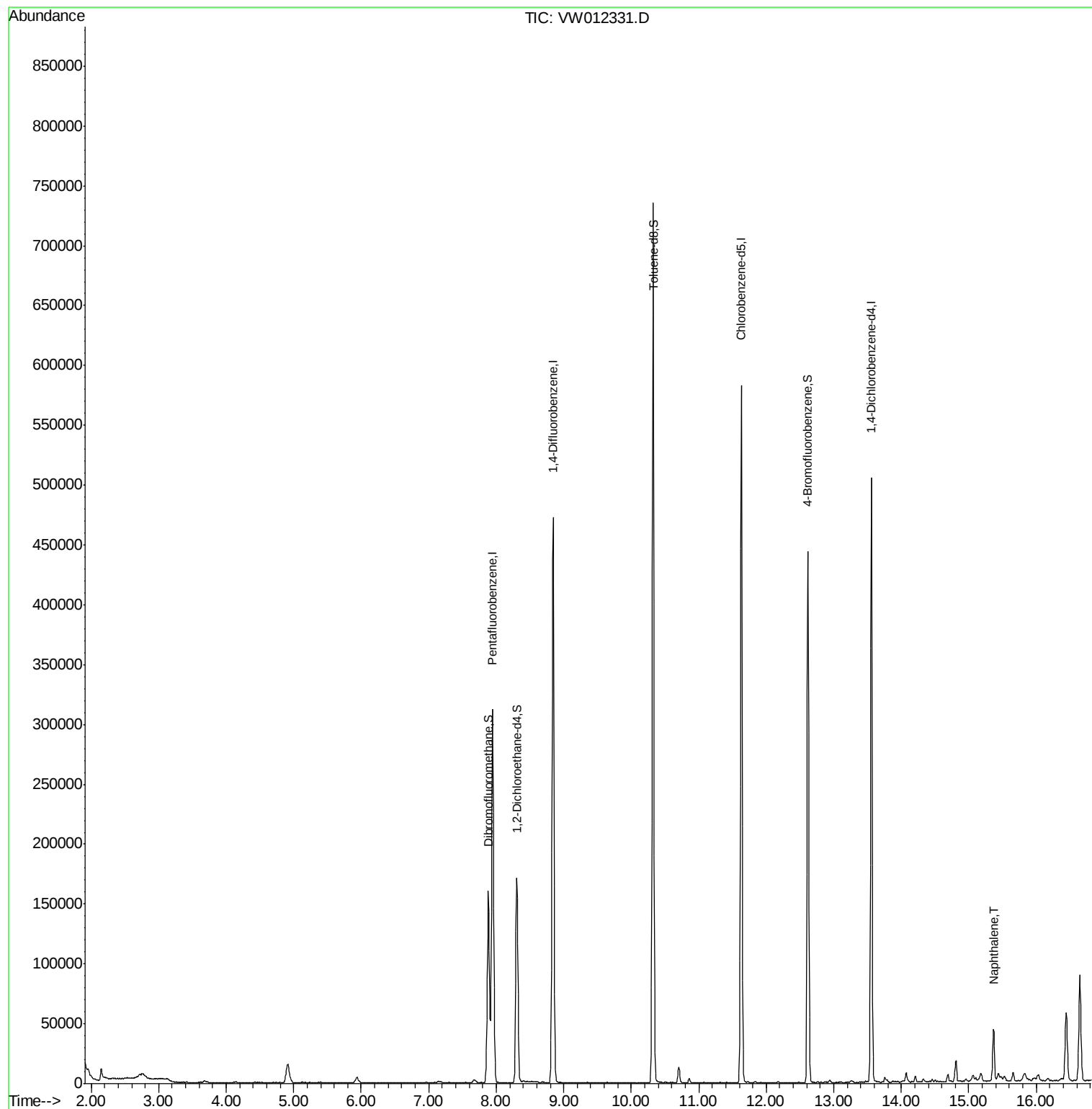
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137330	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
35) Dibromofluoromethane	7.88	113	111512	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.32	98	454074	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	143422	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
95) Naphthalene	15.36	128	35613	11.134	ug/l	Qvalue 100

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

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Quant Title : SW846 8260
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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: VW012331.D

Acq: 30 Aug 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

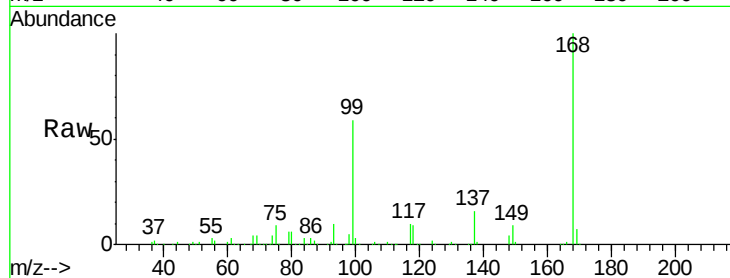
SB-39-6.5-7.0

Tot Ion:168 Resp: 227128

Ion Ratio Lower Upper

168 100

99 58.8 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

120000

100000

80000

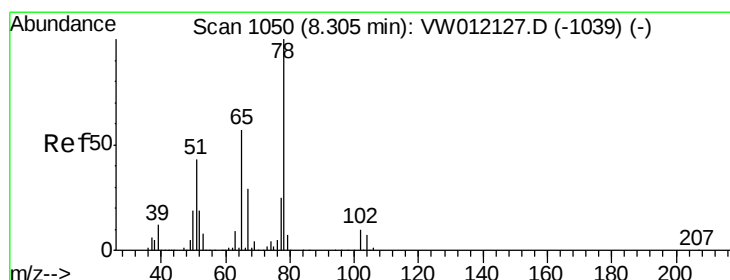
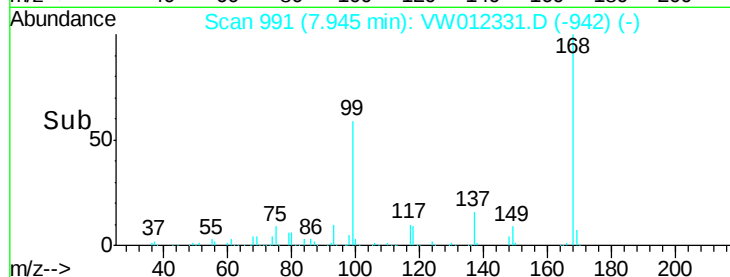
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 50.863 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012331.D

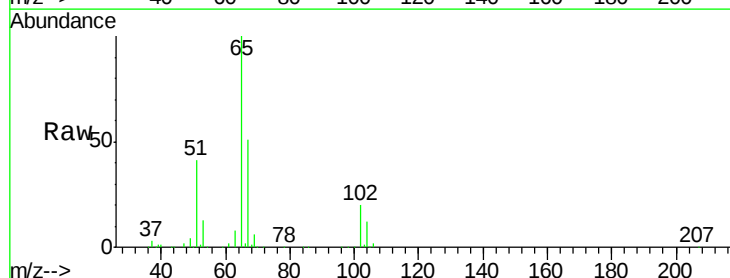
Acq: 30 Aug 2019 04:33

Tgt Ion: 65 Resp: 137330

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

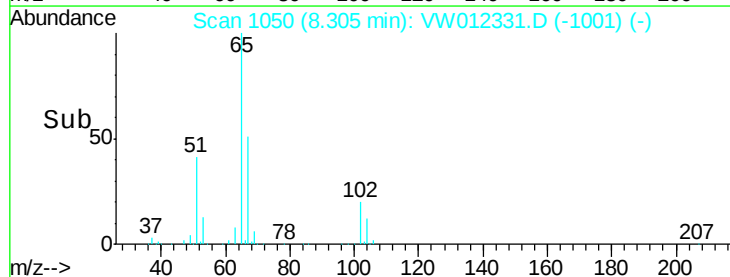
60000

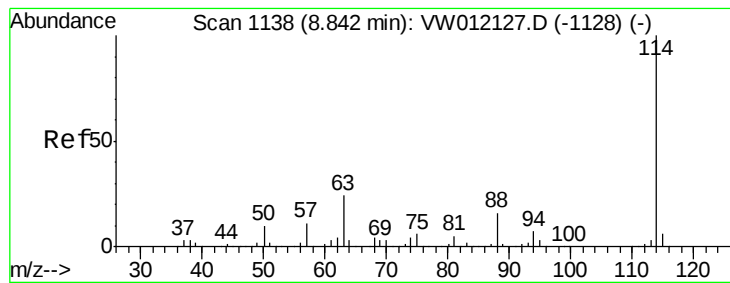
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012331.D

Acq: 30 Aug 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

SB-39-6.5-7.0

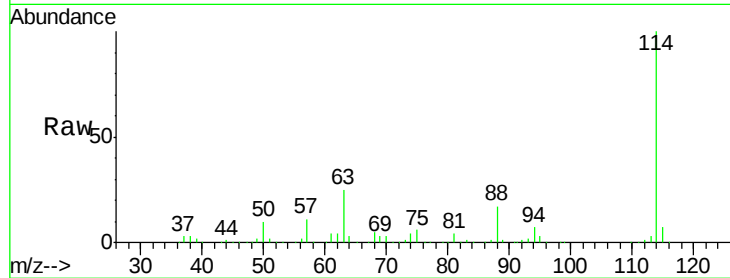
Tot Ion:114 Resp: 371215

Ion Ratio Lower Upper

114 100

63 24.8 0.0 48.6

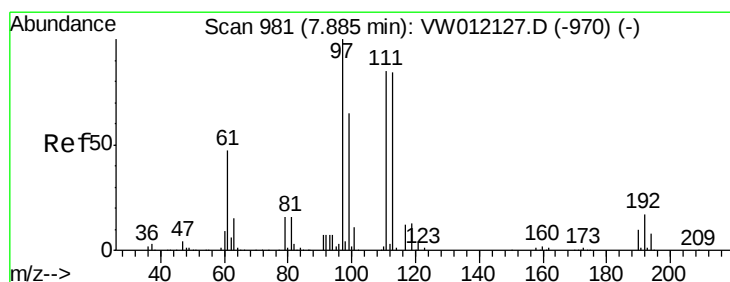
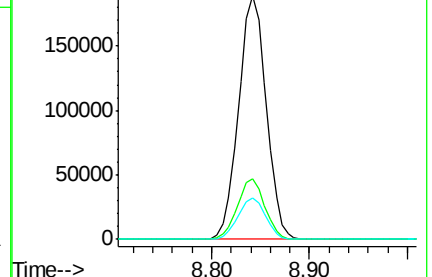
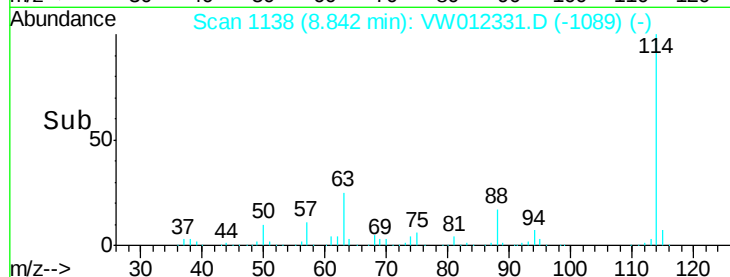
88 17.1 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 50.326 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012331.D

Acq: 30 Aug 2019 04:33

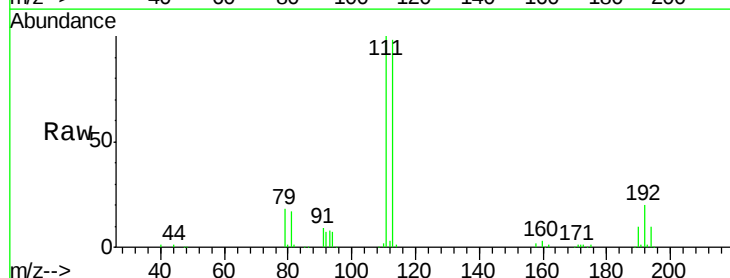
Tgt Ion:113 Resp: 111512

Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

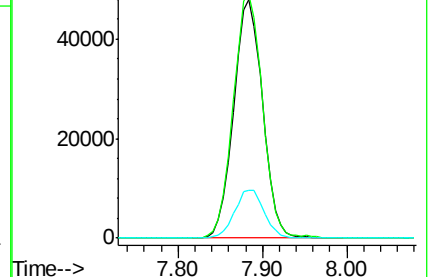
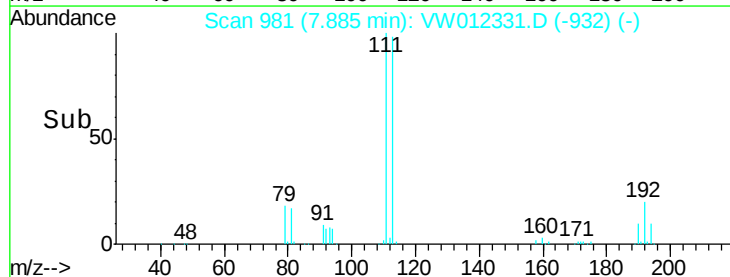
192 20.5 16.2 24.2

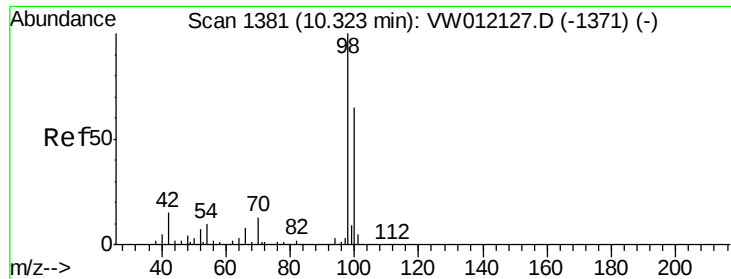


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.540 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012331.D

Acq: 30 Aug 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

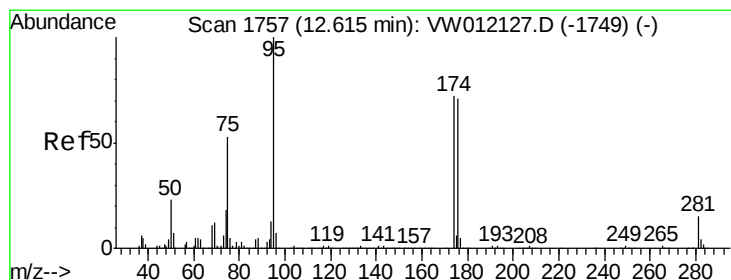
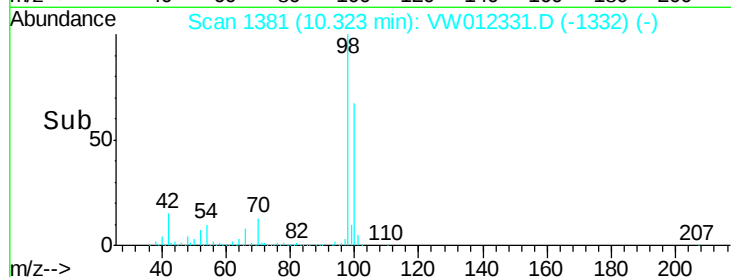
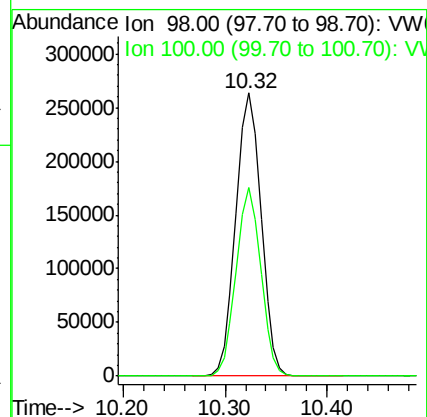
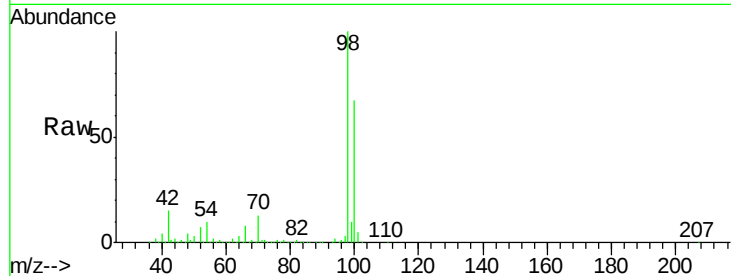
SB-39-6.5-7.0

Tot Ion: 98 Resp: 454074

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 45.287 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012331.D

Acq: 30 Aug 2019 04:33

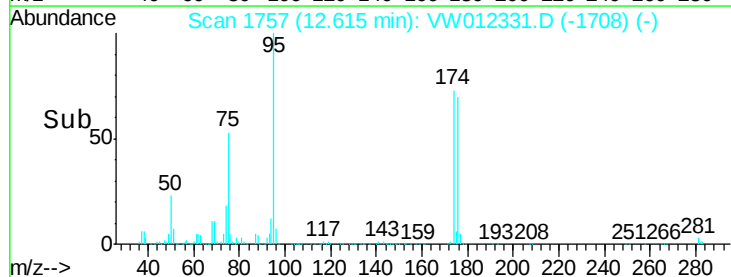
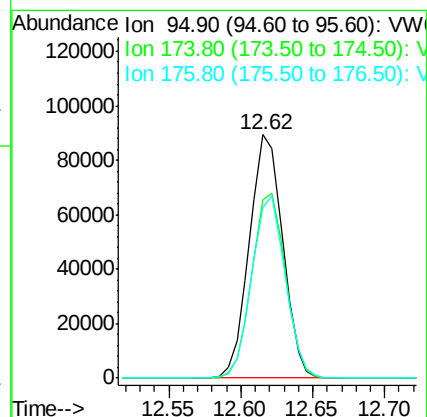
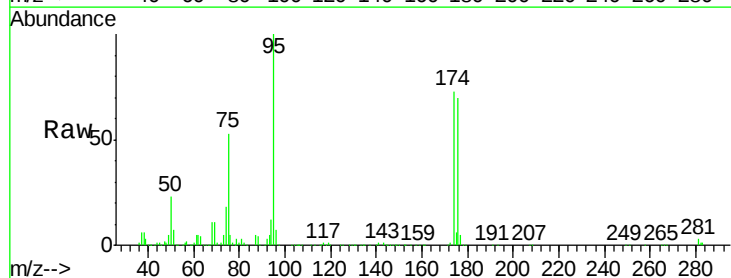
Tgt Ion: 95 Resp: 143422

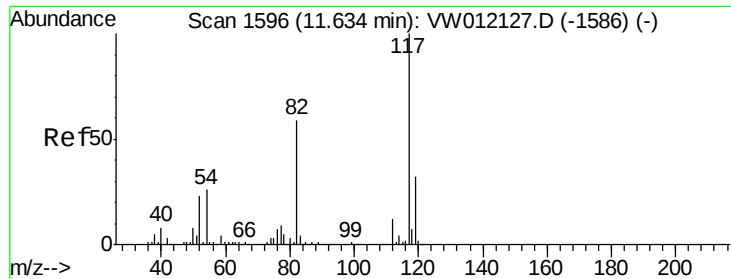
Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.8

176 74.7 0.0 148.6

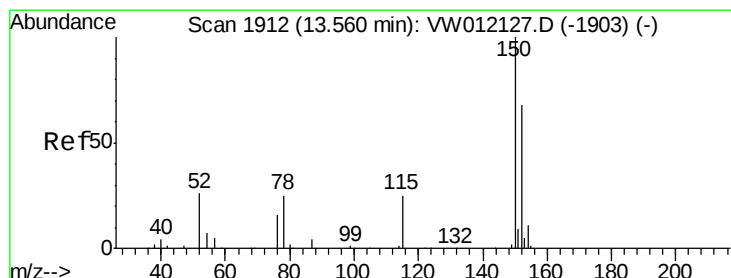
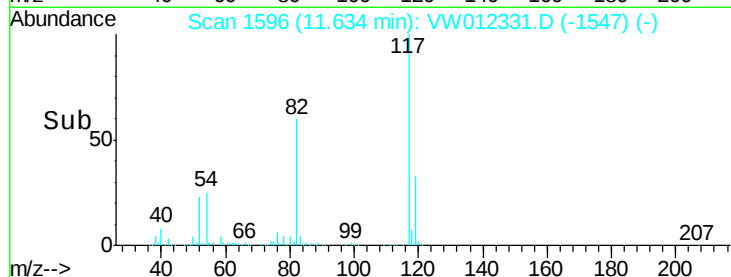
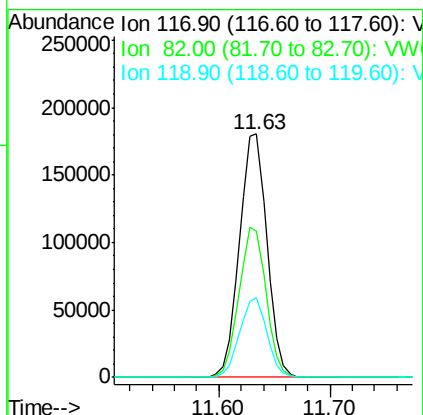
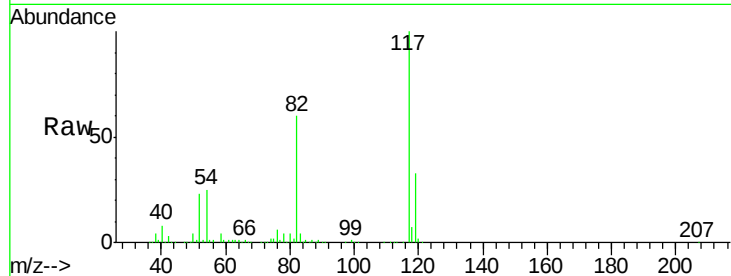




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012331.D
Acq: 30 Aug 2019 04:33

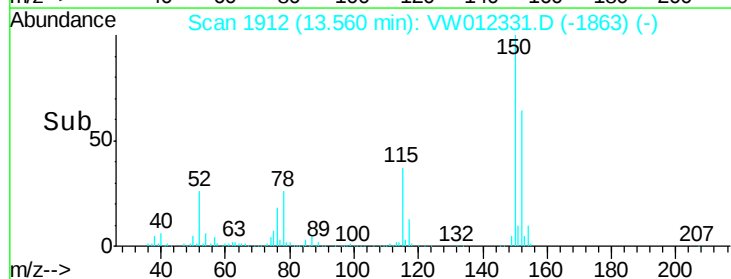
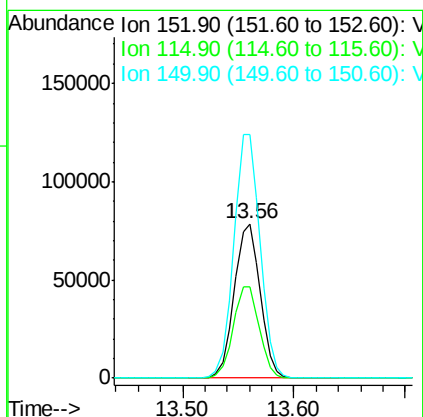
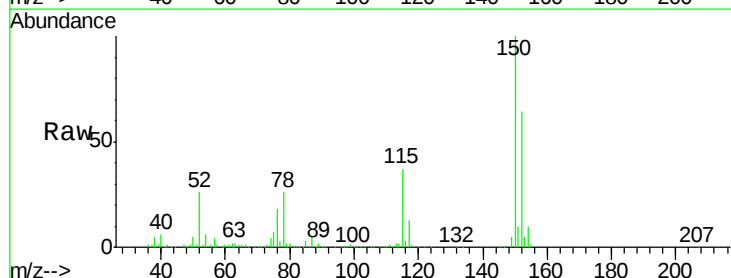
Instrument :
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ClientSampleId :
SB-39-6.5-7.0

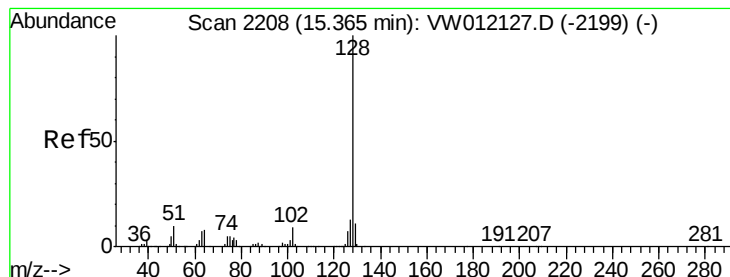
Tot Ion:117 Resp: 308874
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 32.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012331.D
Acq: 30 Aug 2019 04:33

Tgt Ion:152 Resp: 126603
Ion Ratio Lower Upper
152 100
115 59.8 30.1 90.3
150 159.3 0.0 345.8





#95

Naphthalene

Concen: 11.134 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012331.D

Acq: 30 Aug 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

SB-39-6.5-7.0

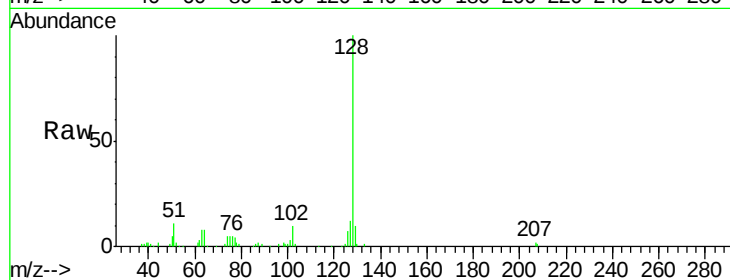
Tot Ion:128 Resp: 35613

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

