

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012103.D
 Acq On : 22 Aug 2019 11:59
 Operator : SY/VA
 Sample : K4421-02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-7-9-10

Quant Time: Aug 23 08:17:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135857	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	145453	56.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.10%	
35) Dibromofluoromethane	7.88	113	114161	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
50) Toluene-d8	10.32	98	461940	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.62	95	152883	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	

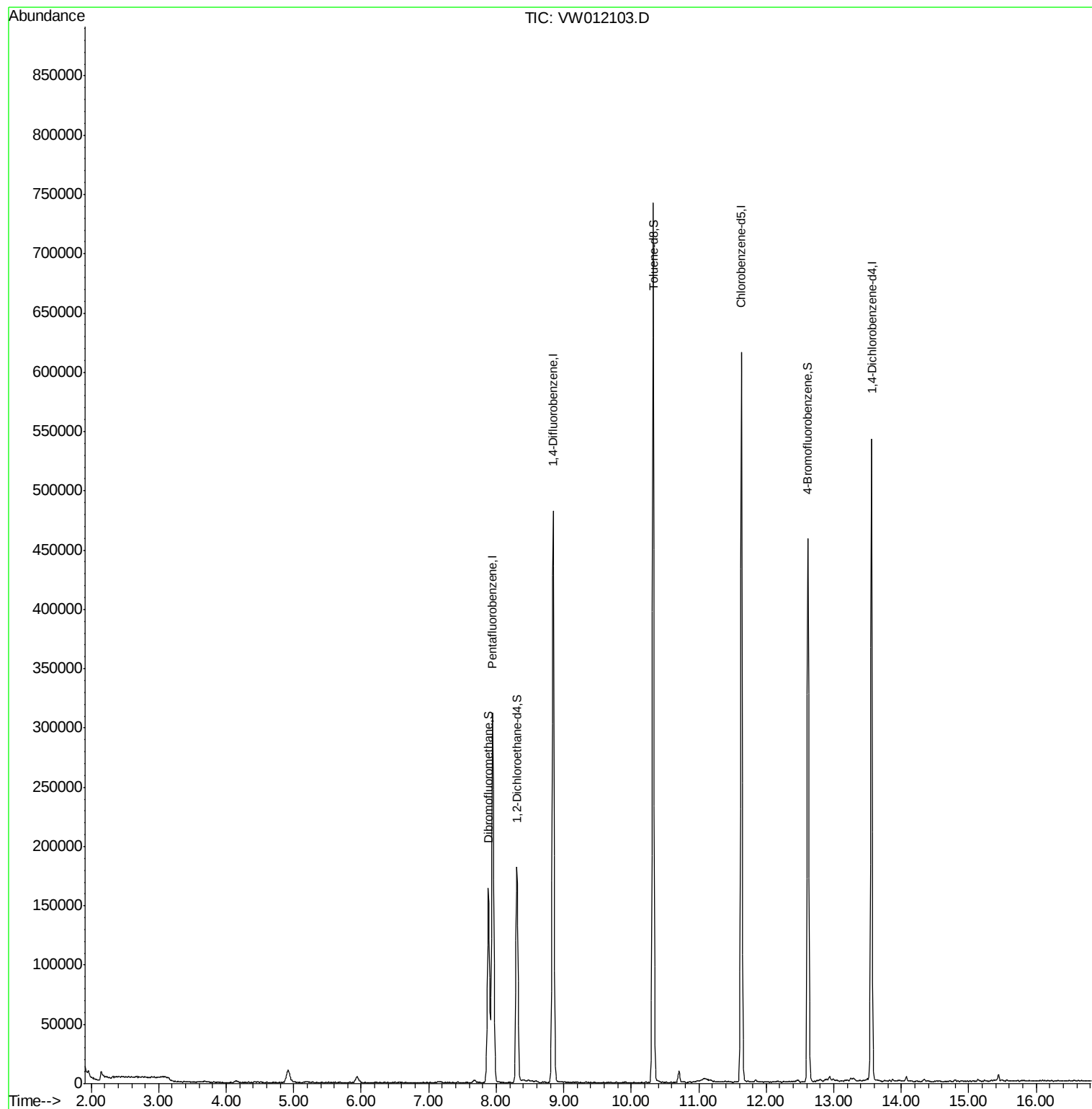
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

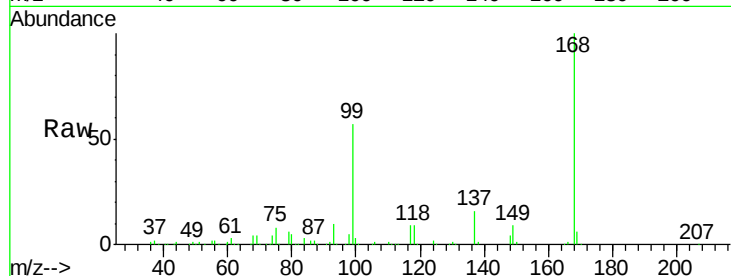
SUNSET-PARK-SB-7-9-10

Tot Ion:168 Resp: 225980

Ion Ratio Lower Upper

168 100

99 57.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

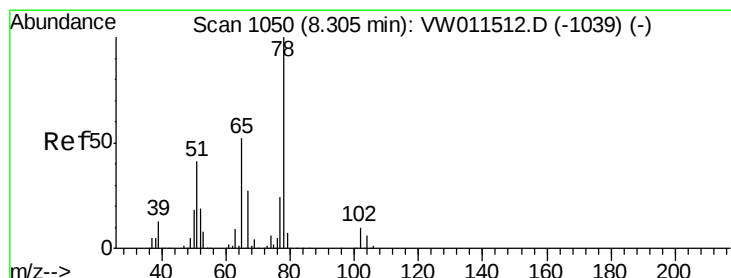
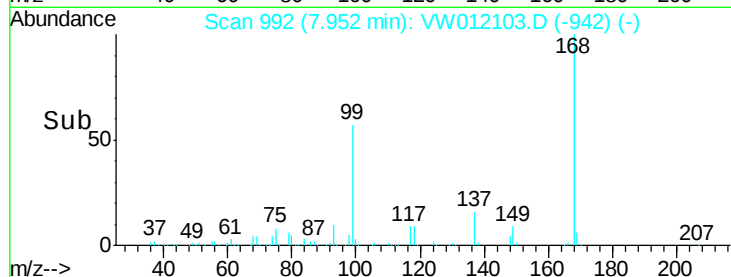
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 56.054 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012103.D

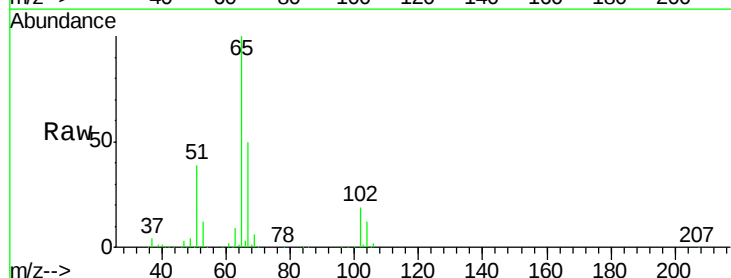
Acq: 22 Aug 2019 11:59

Tgt Ion: 65 Resp: 145453

Ion Ratio Lower Upper

65 100

67 50.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

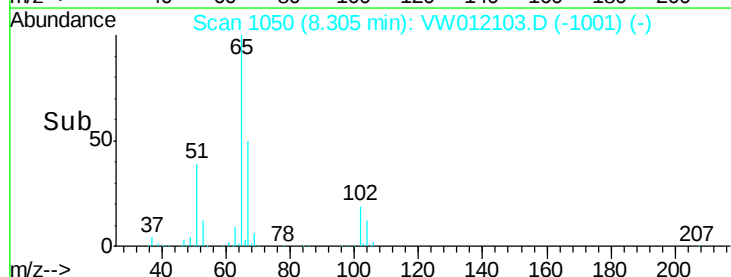
60000

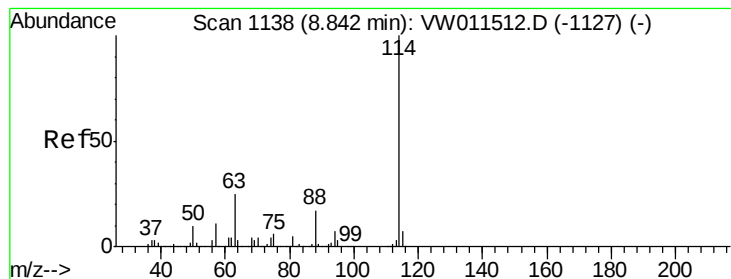
40000

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: VW012103.D

Acq: 22 Aug 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

SUNSET-PARK-SB-7-9-10

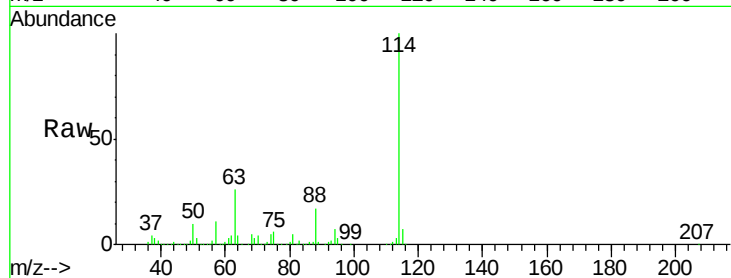
Tot Ion:114 Resp: 375566

Ion Ratio Lower Upper

114 100

63 25.6 0.0 49.2

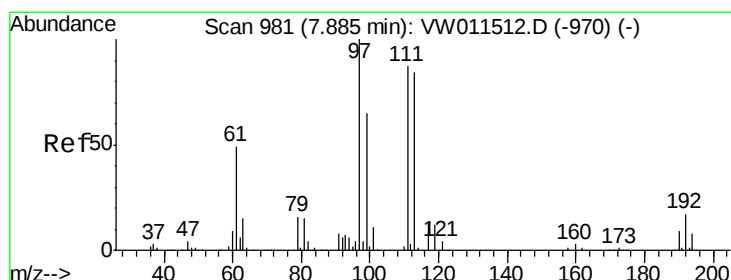
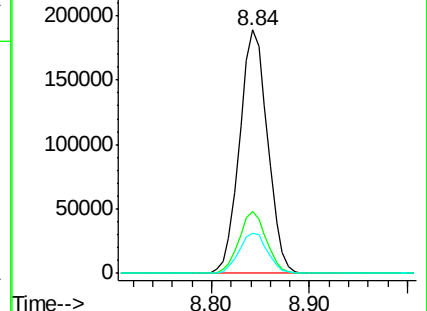
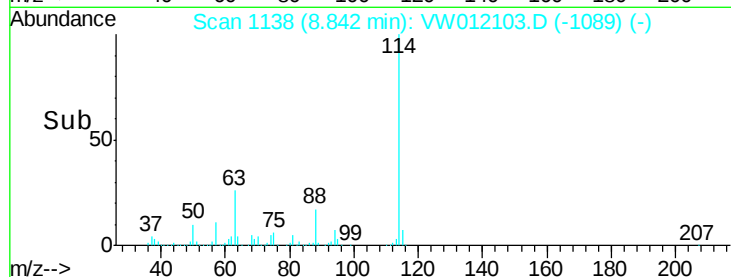
88 16.6 0.0 33.8



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: 54.182 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012103.D

Acq: 22 Aug 2019 11:59

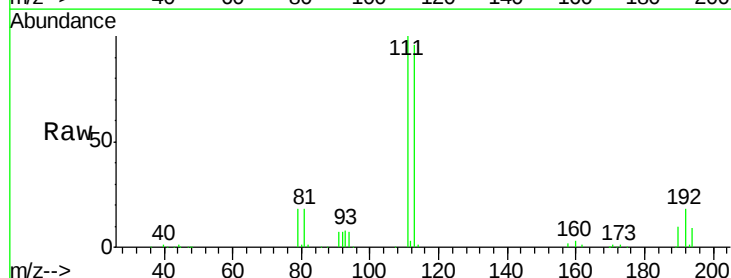
Tgt Ion:113 Resp: 114161

Ion Ratio Lower Upper

113 100

111 105.1 82.7 124.1

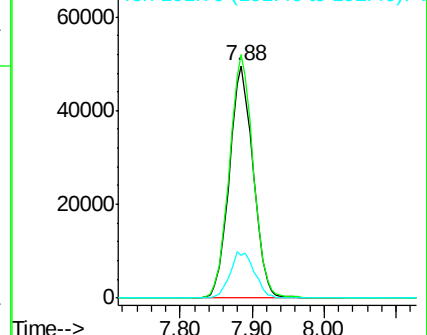
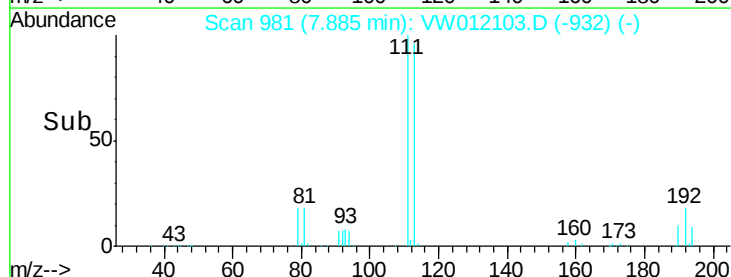
192 20.5 16.1 24.1

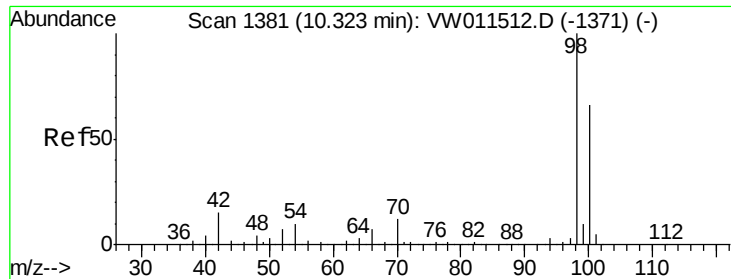


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.548 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012103.D

Acq: 22 Aug 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

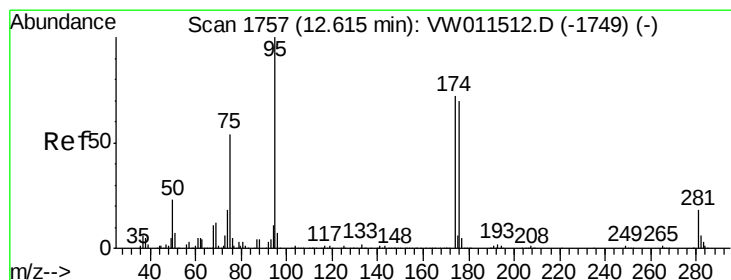
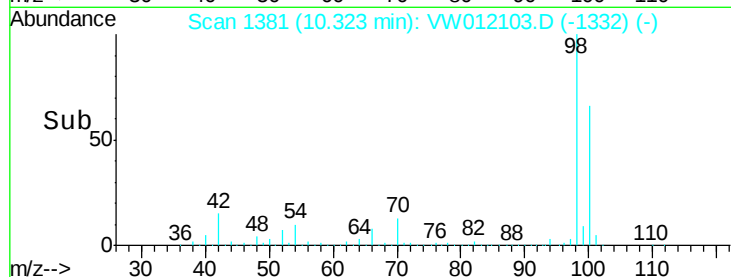
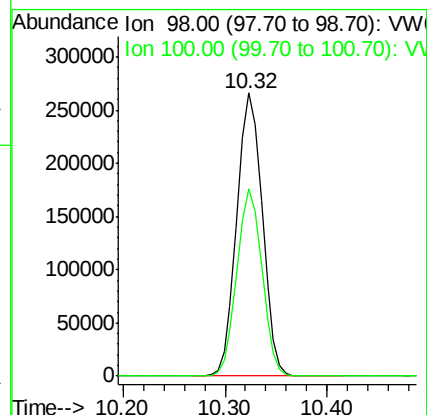
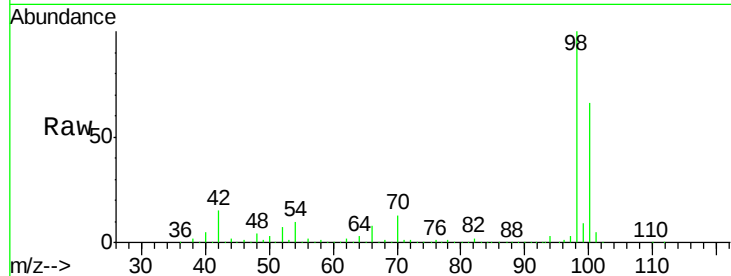
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Tot Ion: 98 Resp: 461940

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 49.709 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012103.D

Acq: 22 Aug 2019 11:59

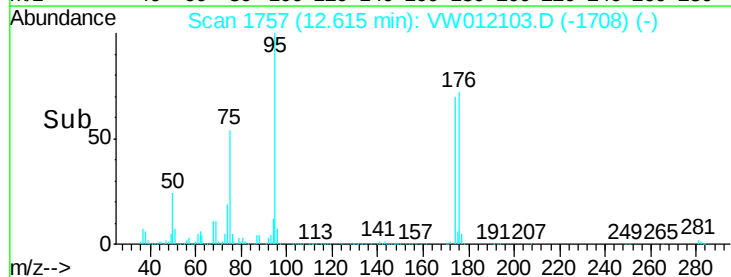
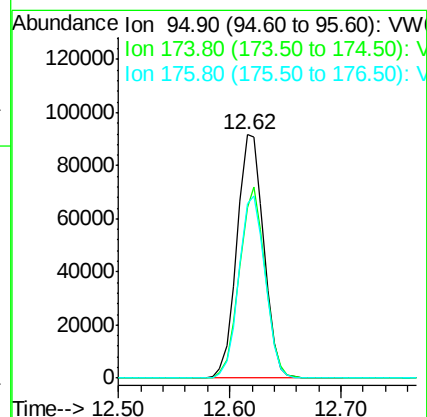
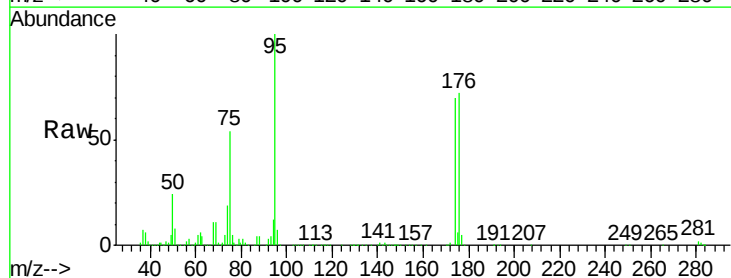
Tgt Ion: 95 Resp: 152883

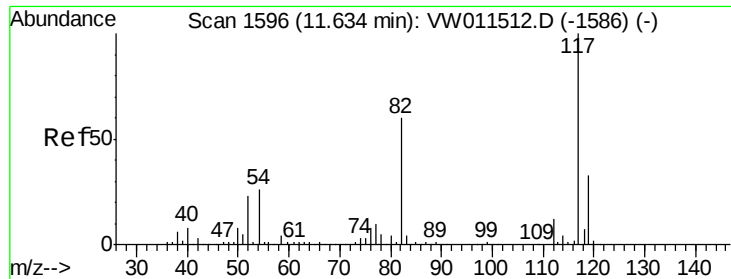
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

176 73.6 0.0 144.4

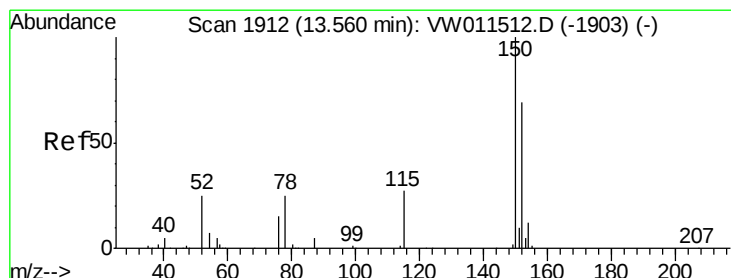
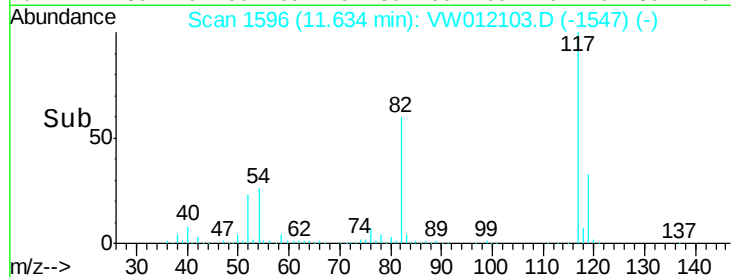
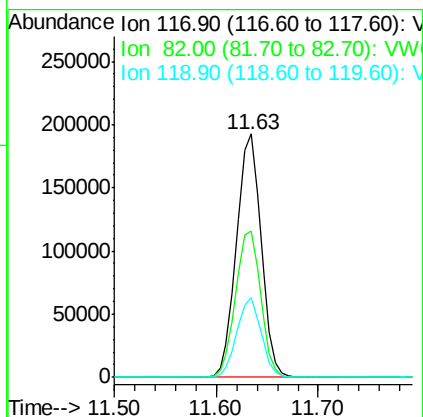
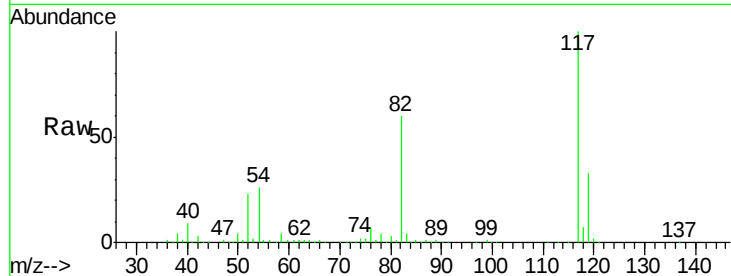




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012103.D
Acq: 22 Aug 2019 11:59

Instrument :
MSVOA_W
ClientSampleId :
SUNSET-PARK-SB-7-9-10

Tot Ion:117 Resp: 321031
Ion Ratio Lower Upper
117 100
82 60.2 47.9 71.9
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012103.D
Acq: 22 Aug 2019 11:59

Tgt Ion:152 Resp: 135857
Ion Ratio Lower Upper
152 100
115 60.0 30.5 91.5
150 156.5 0.0 352.6

