

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012313.D
 Acq On : 29 Aug 2019 19:29
 Operator : SY/VA
 Sample : K4568-01
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-8.5-9.0

Quant Time: Aug 30 08:07:13 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	237842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	390918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139815	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141095	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	7.88	113	115406	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.32	98	482542	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.62	95	162769	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

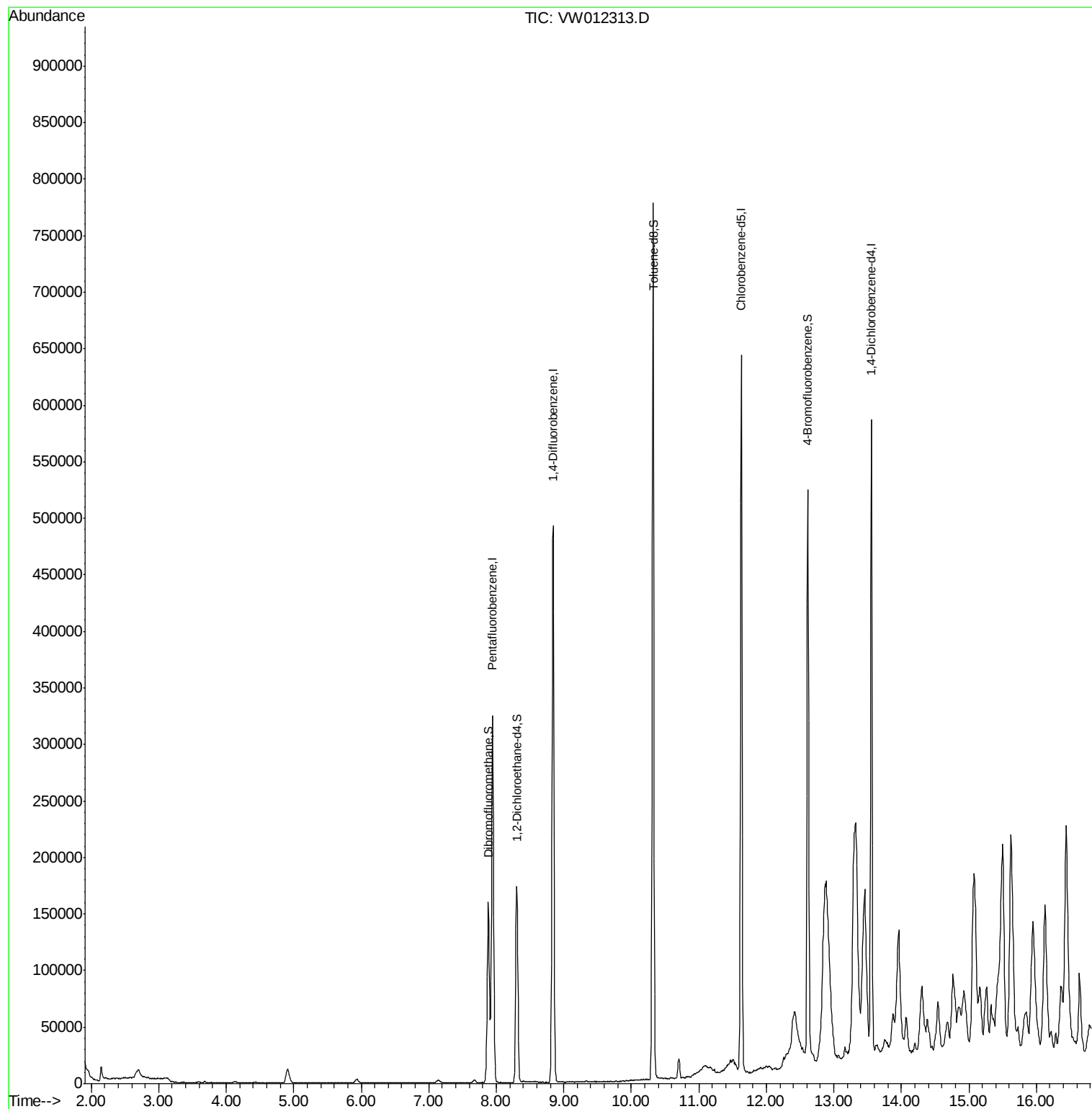
Target Compounds	Qvalue
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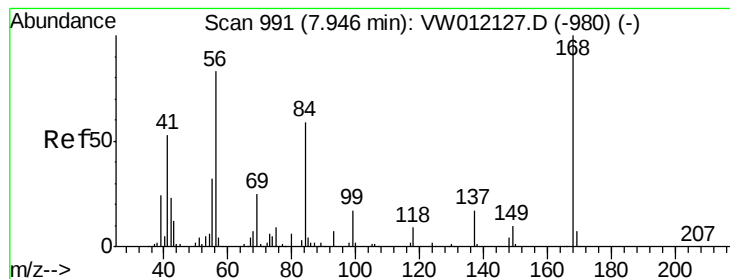
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012313.D

Acq: 29 Aug 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

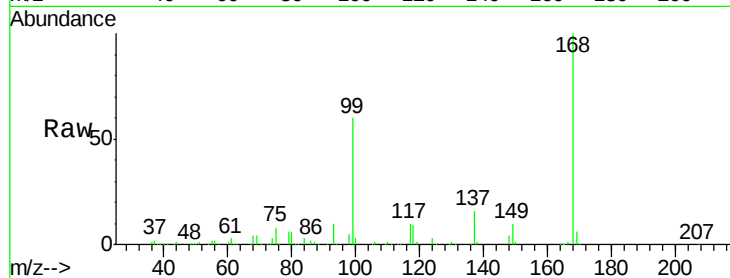
SB-12-8.5-9.0

Tot Ion:168 Resp: 237842

Ion Ratio Lower Upper

168 100

99 60.0 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

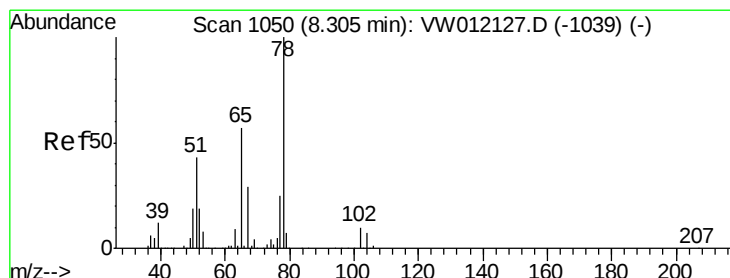
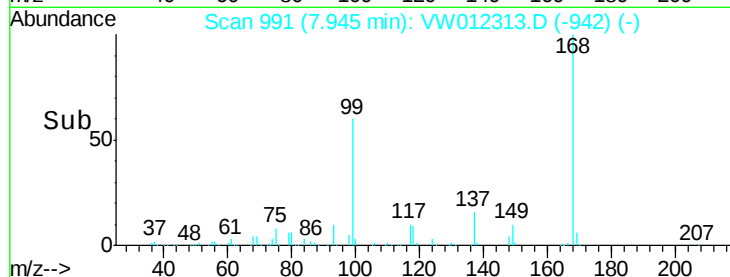
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 49.903 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012313.D

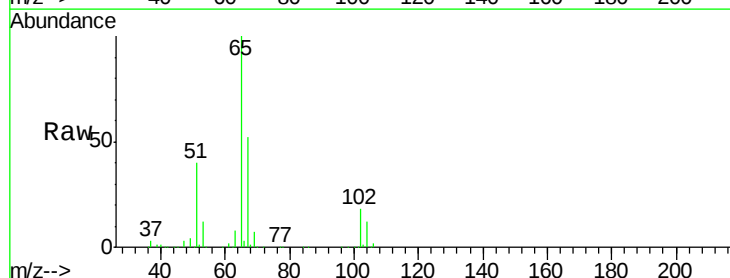
Acq: 29 Aug 2019 19:29

Tgt Ion: 65 Resp: 141095

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

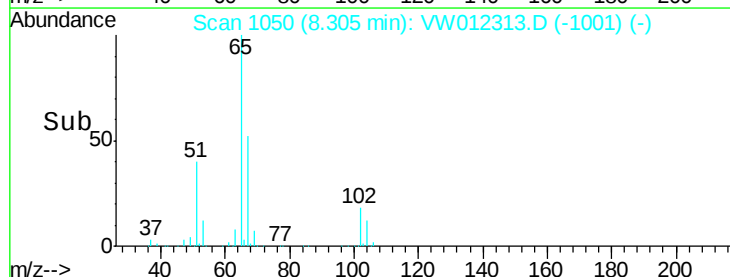
60000

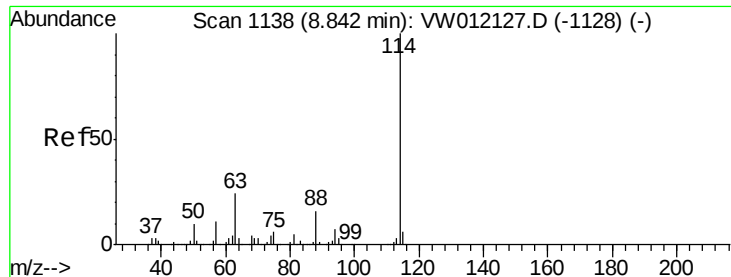
40000

20000

0

Time--> 8.20 8.30 8.40

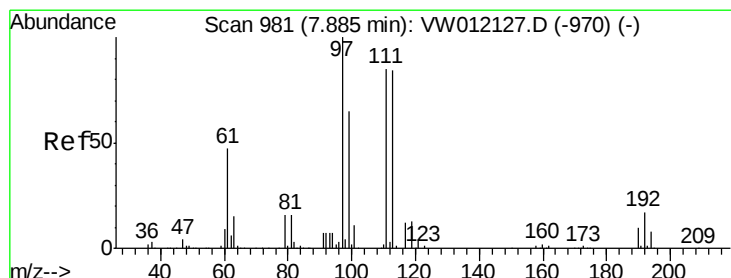
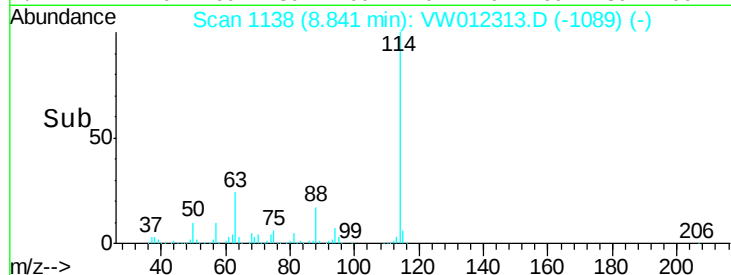
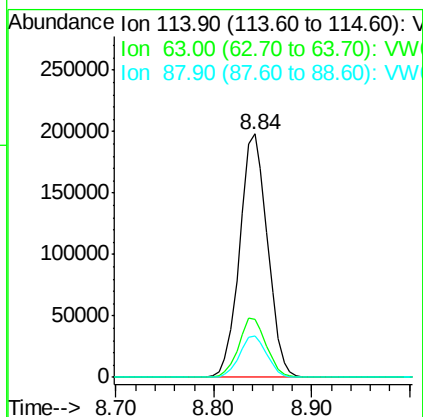
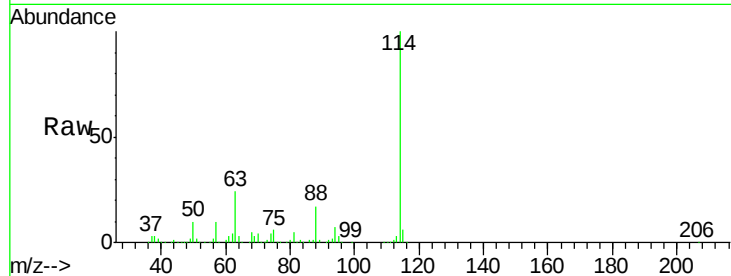




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012313.D
 Acq: 29 Aug 2019 19:29

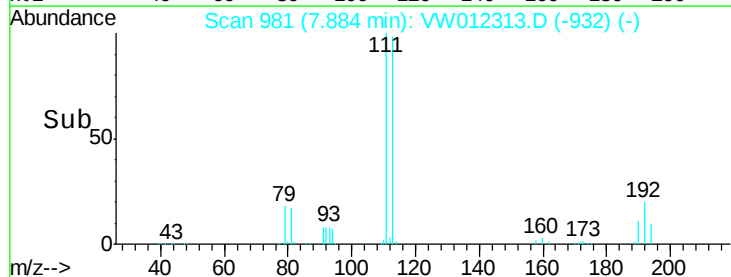
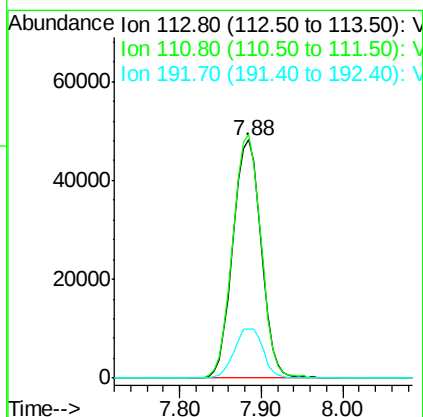
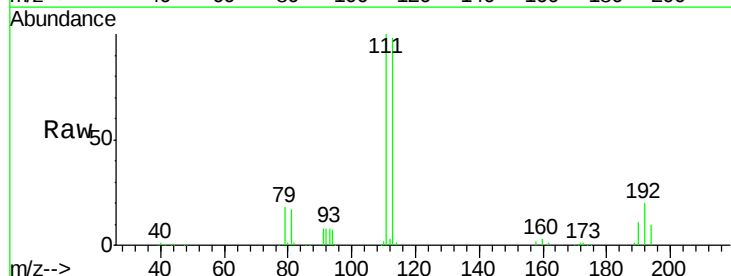
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-8.5-9.0

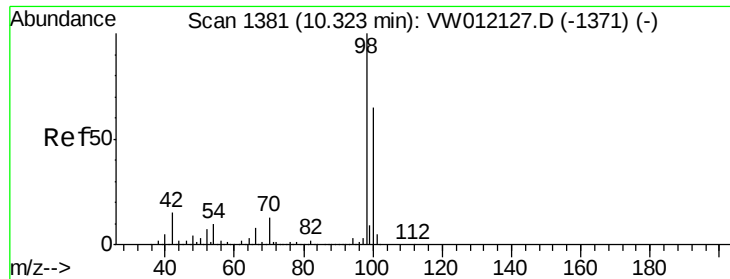
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	48.6
88	16.8	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 49.458 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012313.D
 Acq: 29 Aug 2019 19:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.7	124.1
192	21.1	16.2	24.2





#50

Toluene-d8

Concen: 51.002 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012313.D

Acq: 29 Aug 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

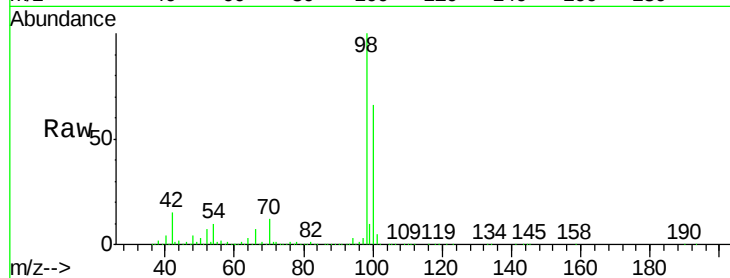
SB-12-8.5-9.0

Tot Ion: 98 Resp: 482542

Ion Ratio Lower Upper

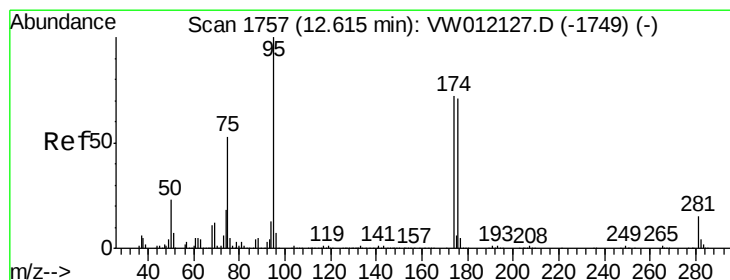
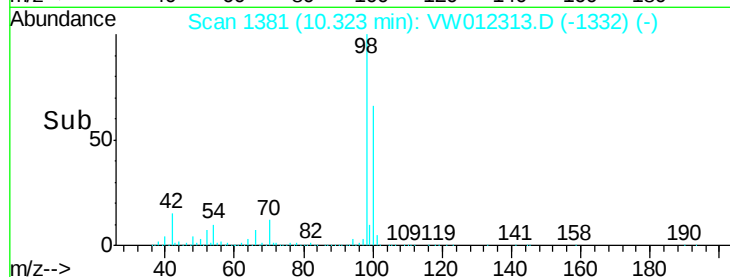
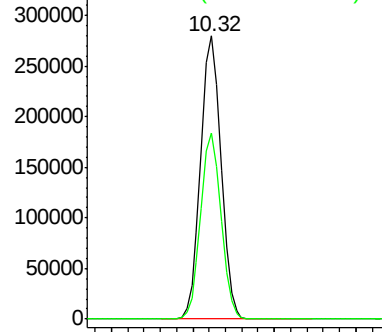
98 100

100 65.5 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: 48.805 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012313.D

Acq: 29 Aug 2019 19:29

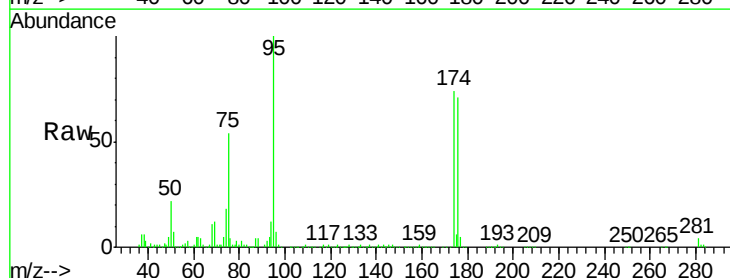
Tgt Ion: 95 Resp: 162769

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.8

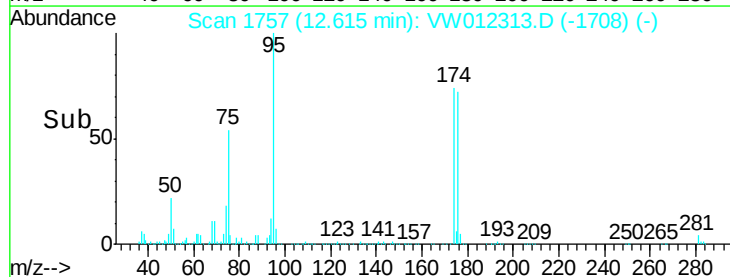
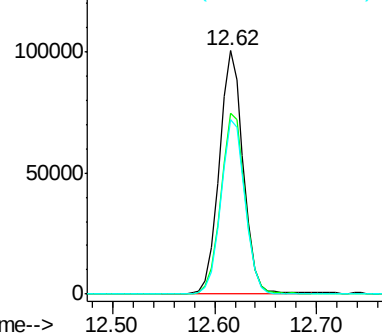
176 72.7 0.0 148.6

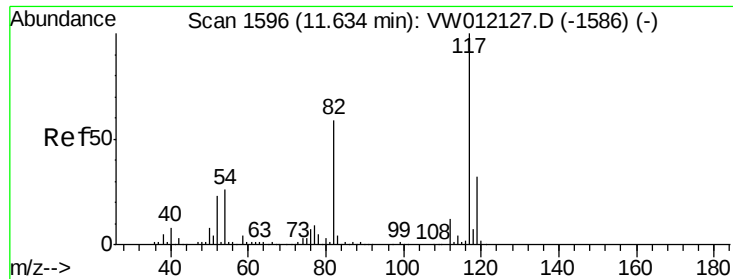


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

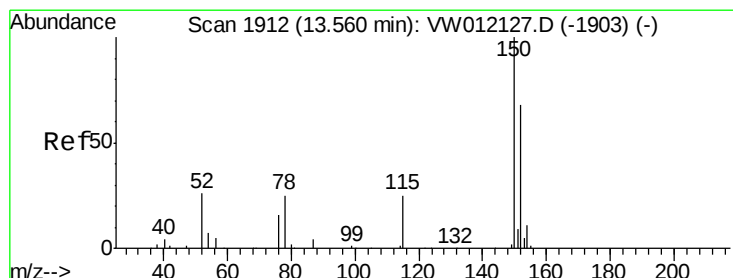
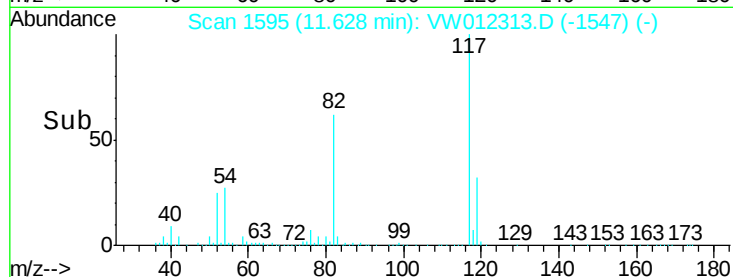
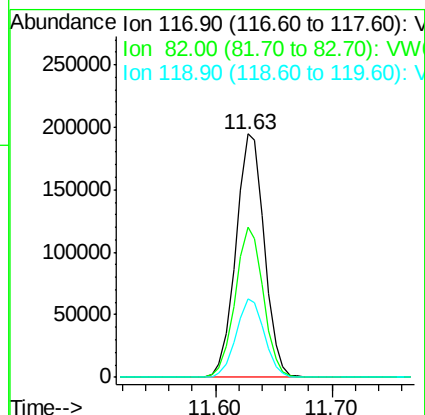
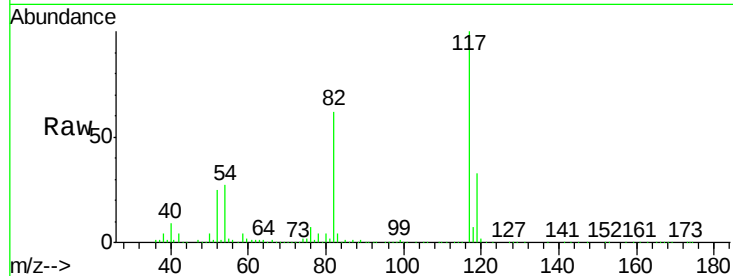




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012313.D
Acq: 29 Aug 2019 19:29

Instrument :
MSVOA_W
ClientSampleId :
SB-12-8.5-9.0

Tot Ion:117 Resp: 330389
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 32.5 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: VW012313.D
Acq: 29 Aug 2019 19:29

Tgt Ion:152 Resp: 139815
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 158.5 0.0 345.8

