

Data File : VW012693.D
Acq On : 06 Sep 2019 15:59
Operator : SY/VA
Sample : K4580-07
Misc : 2.08G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-B4-(0)

Quant Time: Sep 07 05:48:23 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	254168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	397269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	82803	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150289	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	7.88	113	115222	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	10.32	98	450133	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
62) 4-Bromofluorobenzene	12.62	95	157137	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

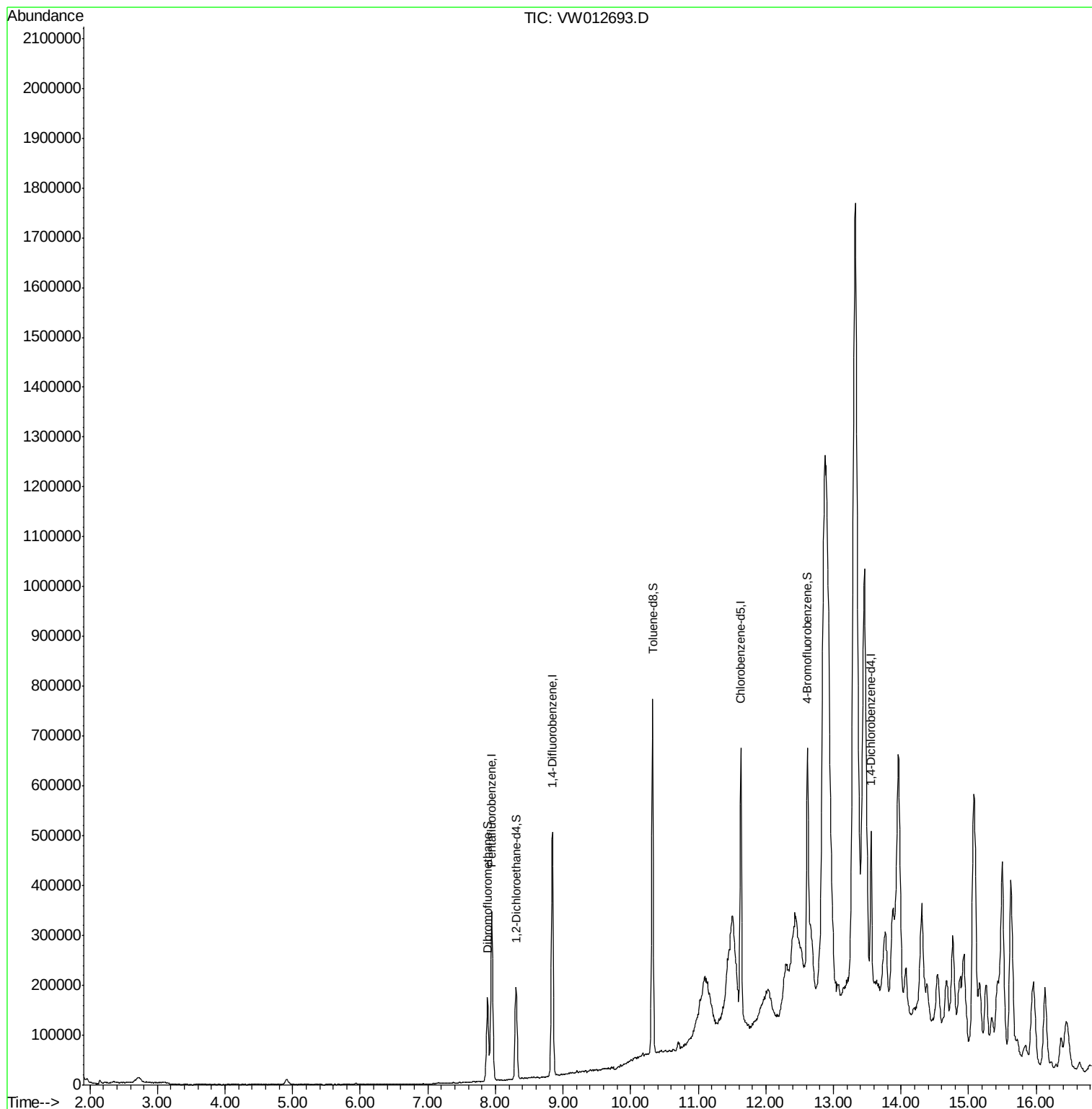
Target Compounds Qvalue

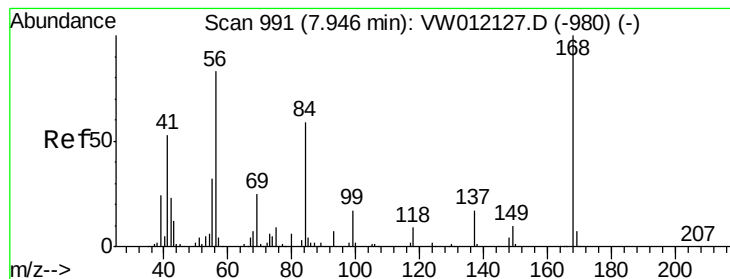
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

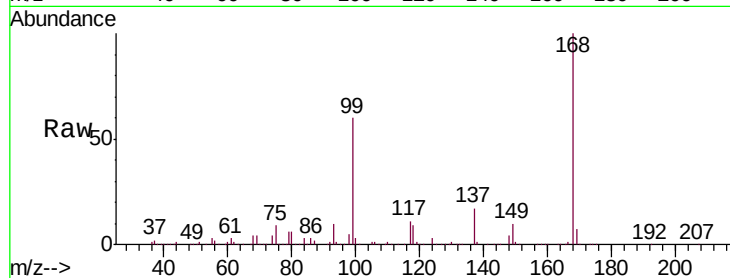
T12-B4-(0)

Tgt Ion:168 Resp: 254168

Ion Ratio Lower Upper

168 100

99 59.9 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

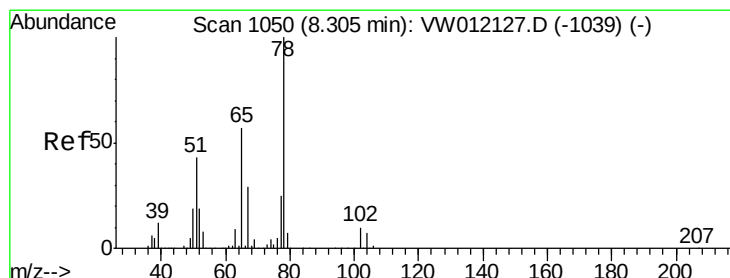
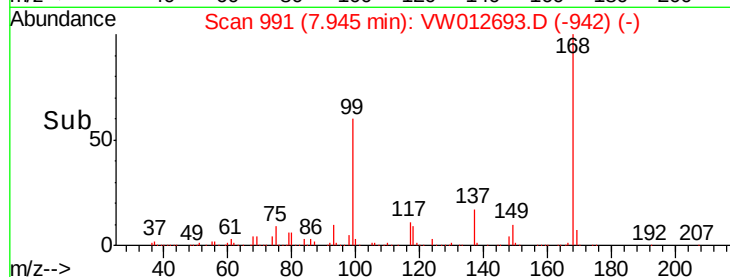
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 49.741 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012693.D

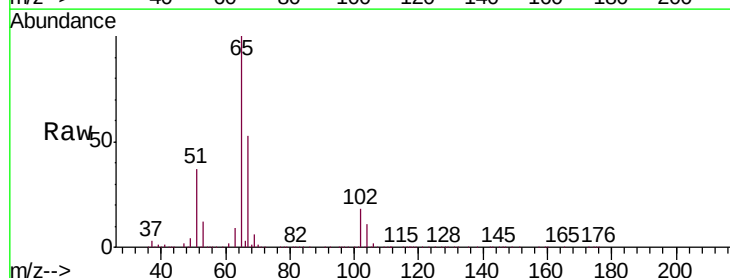
Acq: 06 Sep 2019 15:59

Tgt Ion: 65 Resp: 150289

Ion Ratio Lower Upper

65 100

67 50.9 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

80000

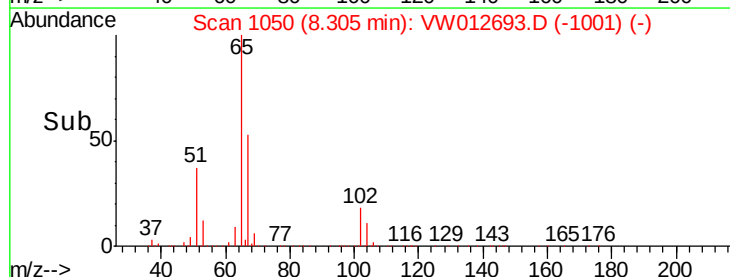
60000

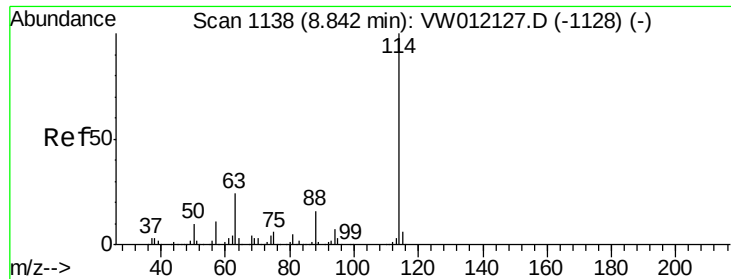
40000

20000

0

Time--> 8.20 8.30 8.40

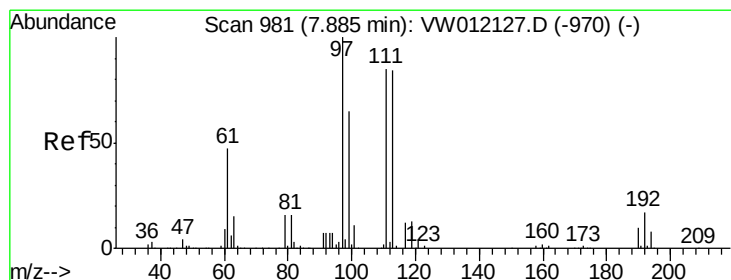
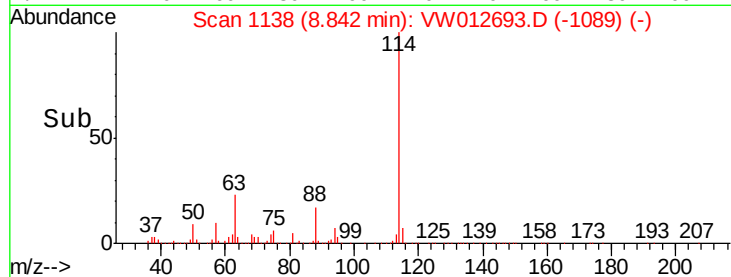
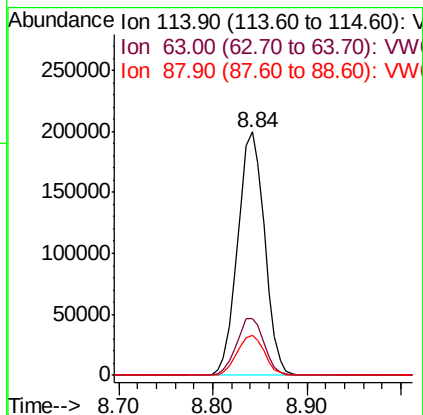
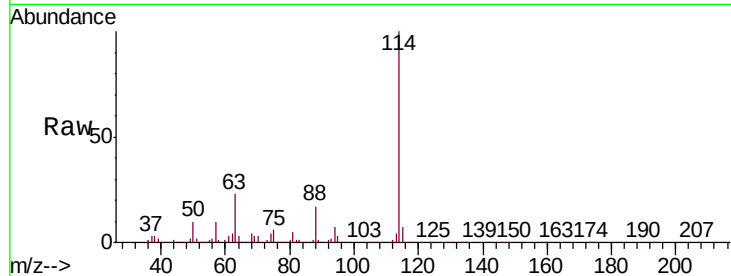




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012693.D
 Acq: 06 Sep 2019 15:59

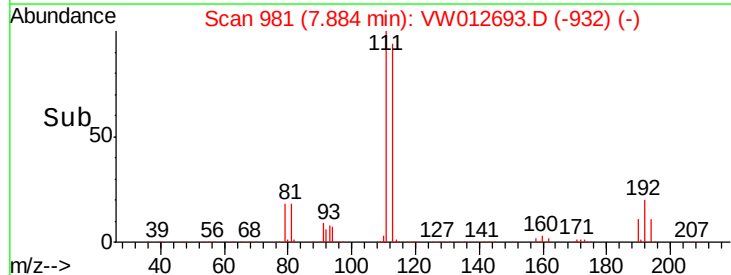
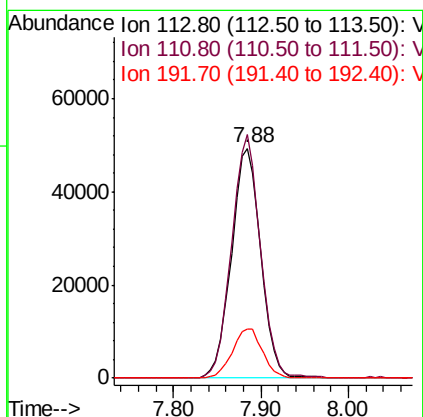
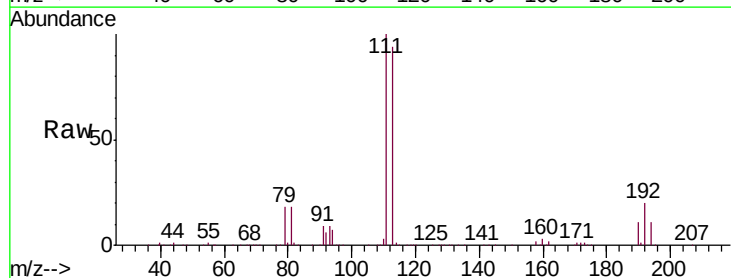
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-B4-(0)

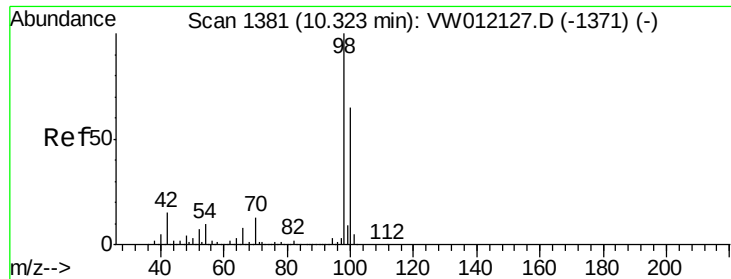
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	48.6
88	16.6	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 48.590 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012693.D
 Acq: 06 Sep 2019 15:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.7	124.1
192	22.0	16.2	24.2





#50

Toluene-d8

Concen: 46.816 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012693.D

Acq: 06 Sep 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

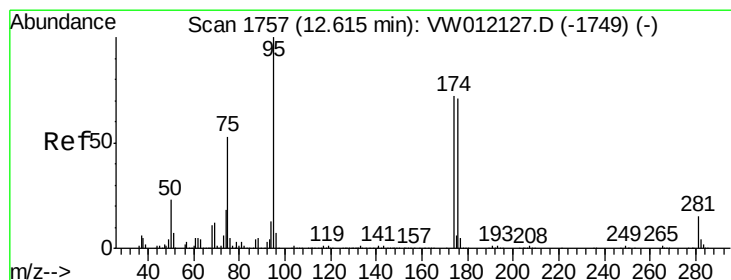
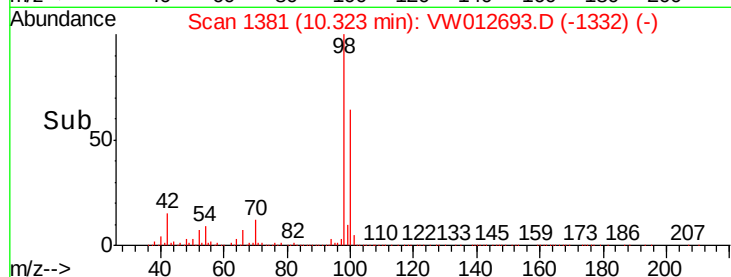
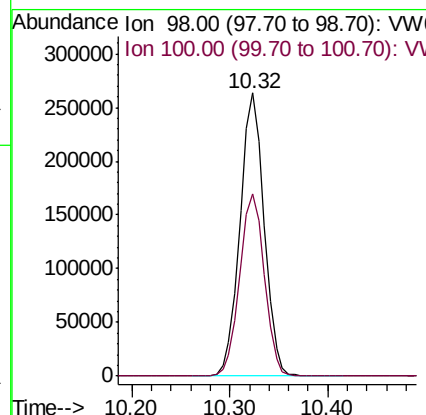
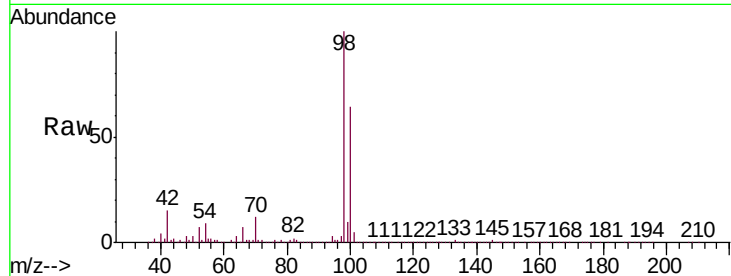
T12-B4-(0)

Tgt Ion: 98 Resp: 450133

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.363 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012693.D

Acq: 06 Sep 2019 15:59

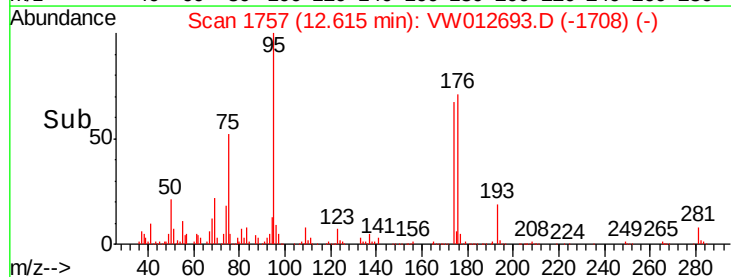
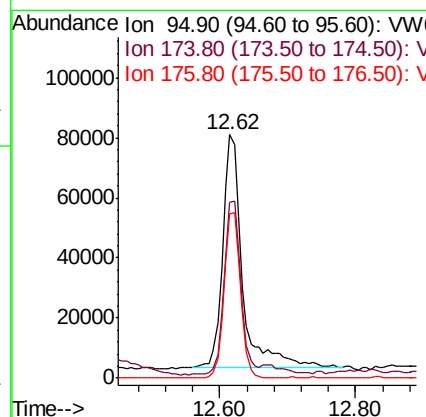
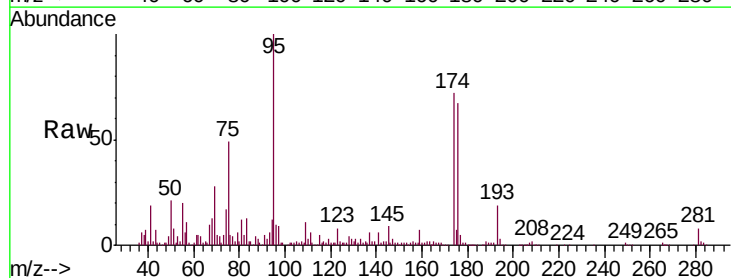
Tgt Ion: 95 Resp: 157137

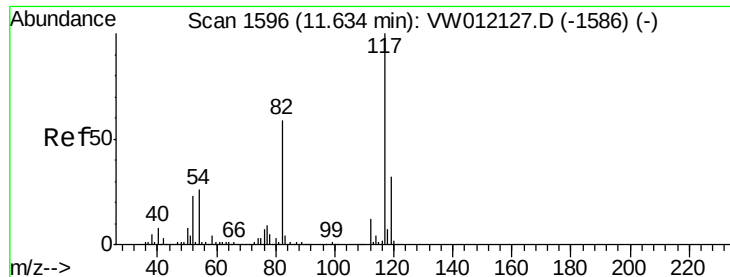
Ion Ratio Lower Upper

95 100

174 62.3 0.0 150.8

176 58.1 0.0 148.6

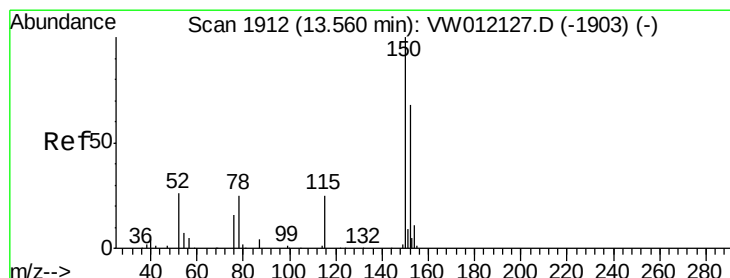
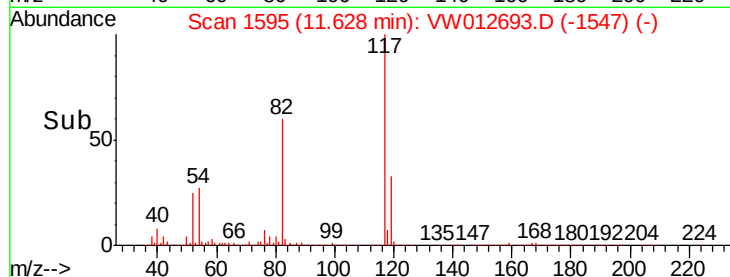
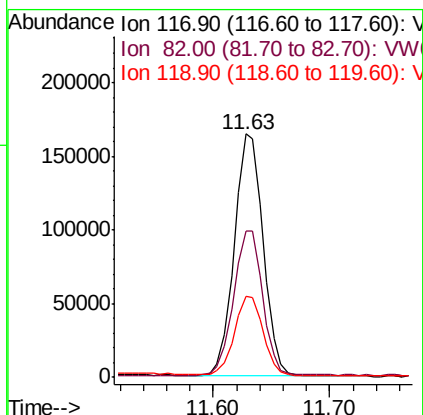
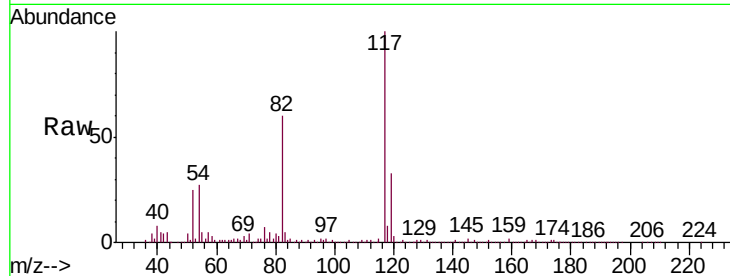




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012693.D
Acq: 06 Sep 2019 15:59

Instrument :
MSVOA_W
ClientSampleId :
T12-B4-(0)

Tgt Ion:117 Resp: 283126
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012693.D
Acq: 06 Sep 2019 15:59

Tgt Ion:152 Resp: 82803
Ion Ratio Lower Upper
152 100
115 56.7 30.1 90.3
150 148.8 0.0 345.8

