

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012423.D
 Acq On : 01 Sep 2019 02:20
 Operator : SY/VA
 Sample : K4517-17
 Misc : 6.83G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-E-(2.5)

Quant Time: Sep 01 05:12:11 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	228649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128568	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	154773	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.88	113	118663	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	10.32	98	489481	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.62	95	155556	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

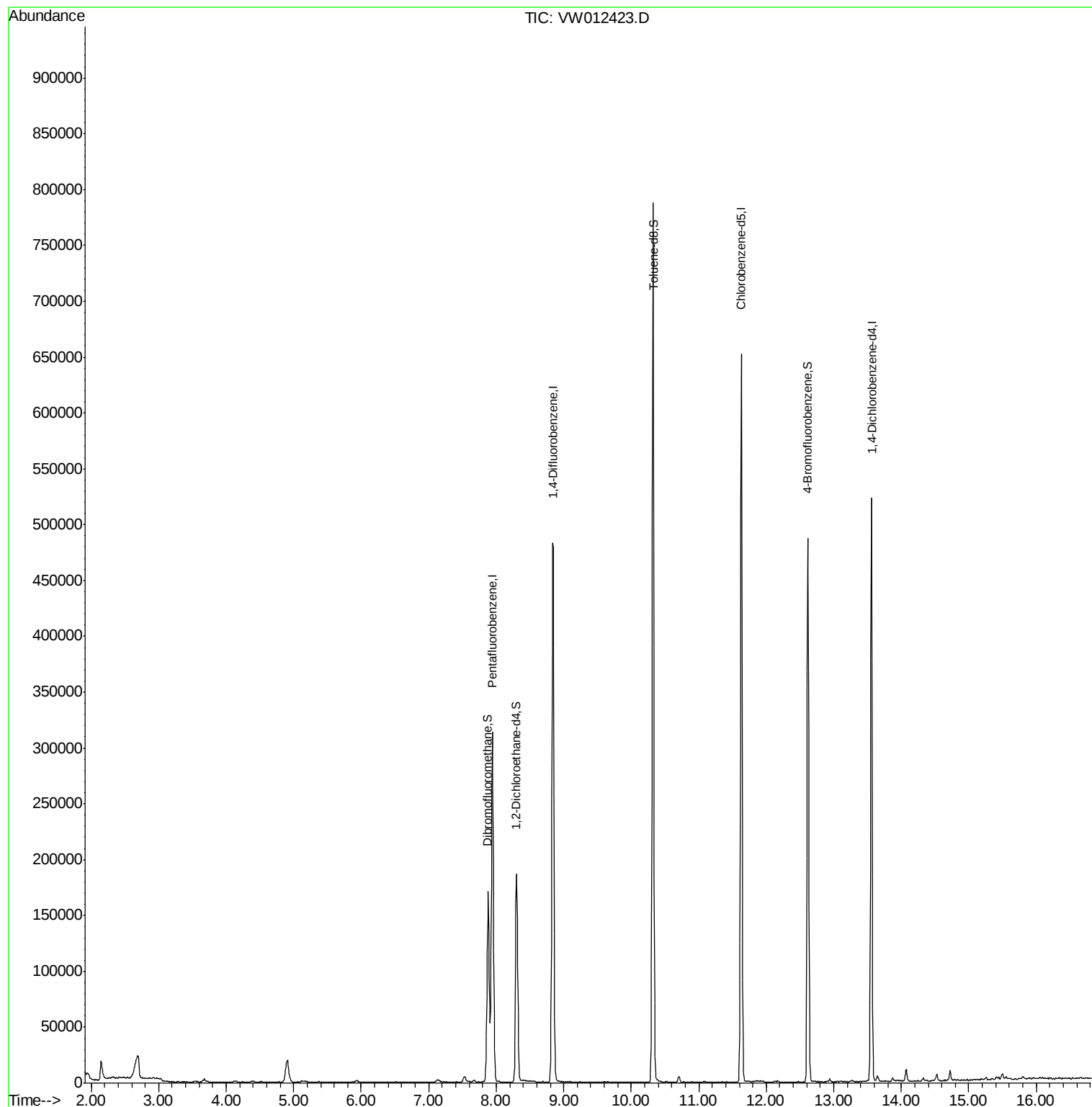
Target Compounds	Qvalue

(#) = 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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MSVOA_W

ClientSampleId :

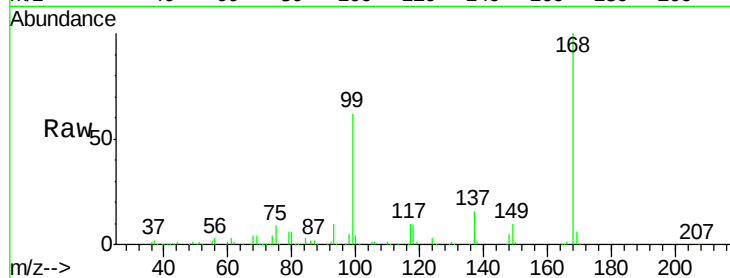
T4-S-E-(2.5)

Tot Ion:168 Resp: 228649

Ion Ratio Lower Upper

168 100

99 62.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW012127.D (-980) (-)

Ion 98.90 (98.60 to 99.60): VW012127.D (-980) (-)

7.95

100000

80000

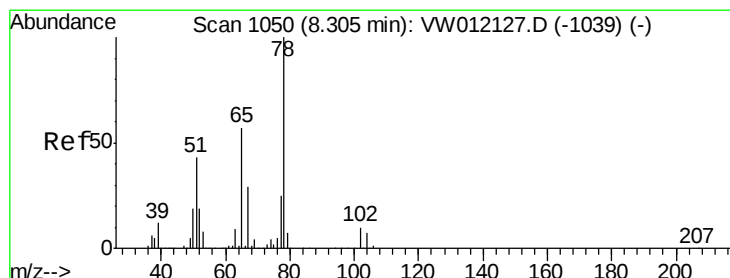
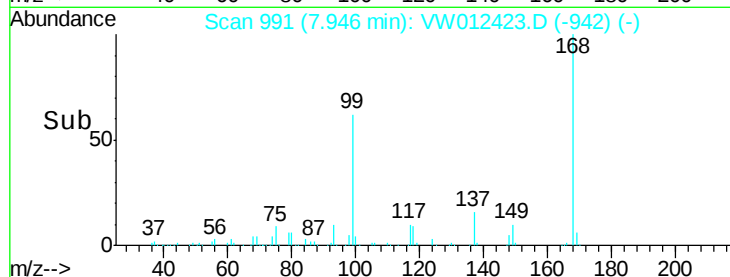
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.942 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012423.D

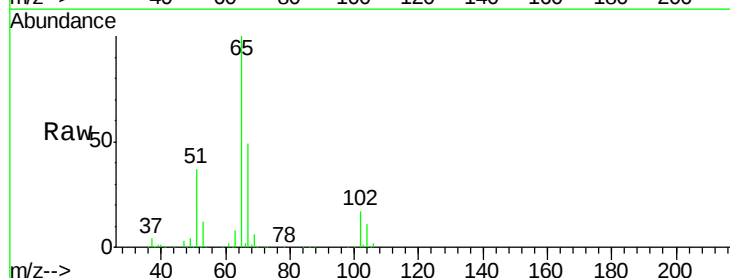
Acq: 01 Sep 2019 02:20

Tgt Ion: 65 Resp: 154773

Ion Ratio Lower Upper

65 100

67 49.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW012127.D (-1039) (-)

Ion 66.90 (66.60 to 67.60): VW012127.D (-1039) (-)

8.30

80000

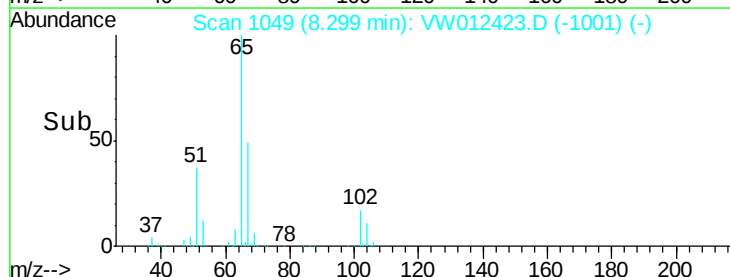
60000

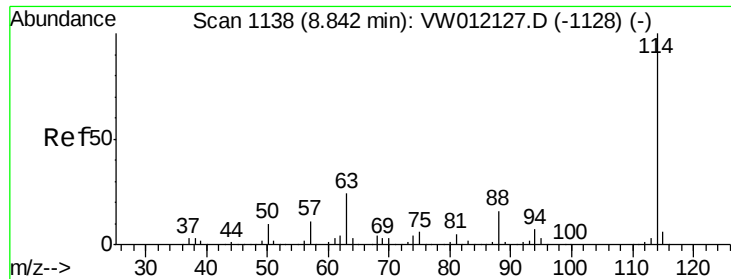
40000

20000

0

Time-->

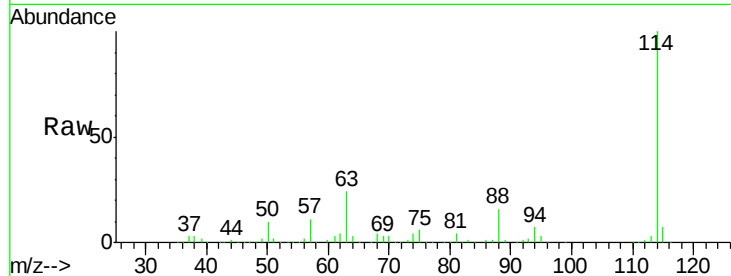




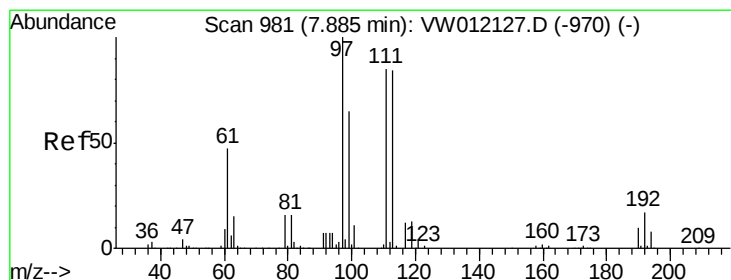
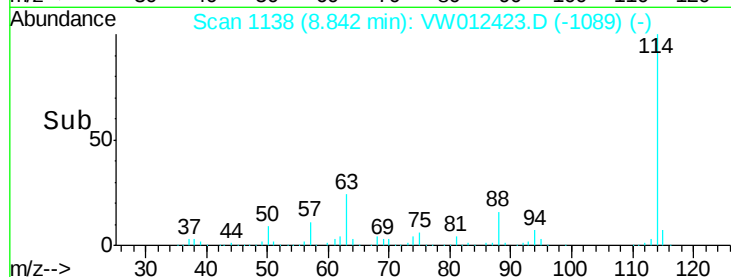
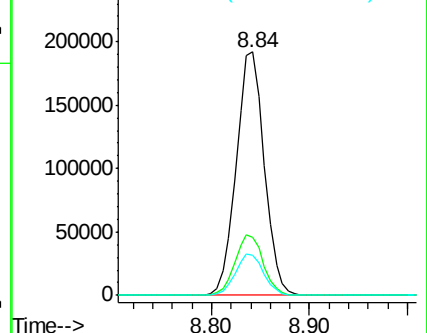
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012423.D
 Acq: 01 Sep 2019 02:20

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-E-(2.5)

Tot Ion:114 Resp: 381491
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 48.6
 88 16.5 0.0 32.2

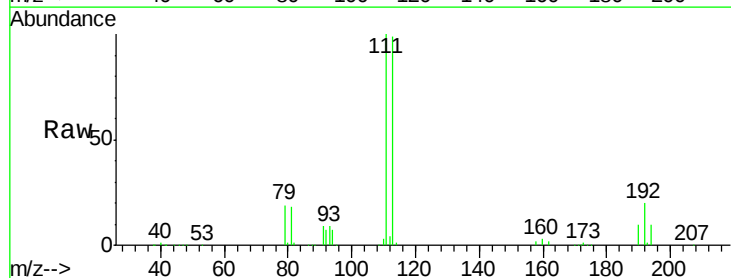


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

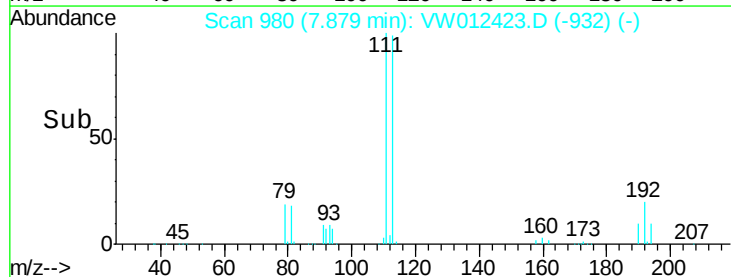
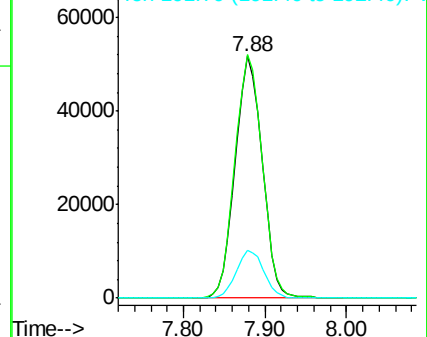


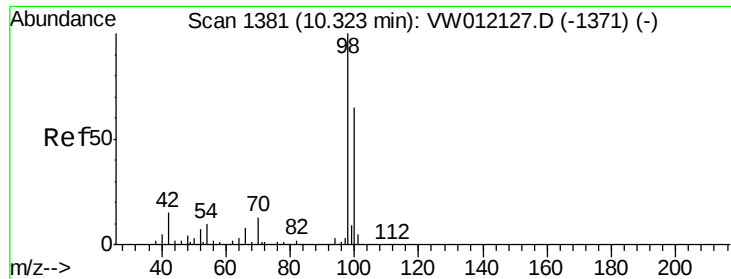
#35
 Dibromofluoromethane
 Concen: 52.111 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012423.D
 Acq: 01 Sep 2019 02:20

Tgt Ion:113 Resp: 118663
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.7 124.1
 192 20.1 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: 53.014 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012423.D

Acq: 01 Sep 2019 02:20

Instrument :

MSVOA_W

ClientSampleId :

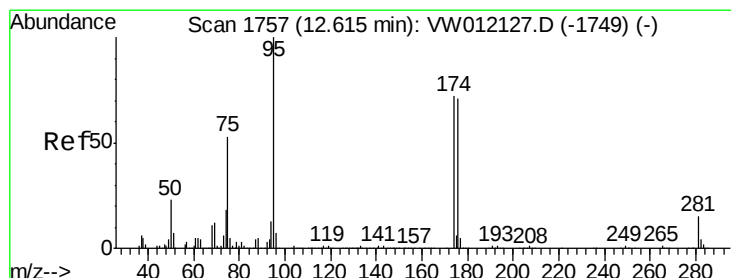
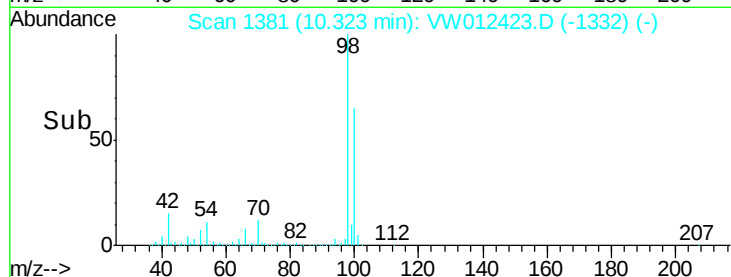
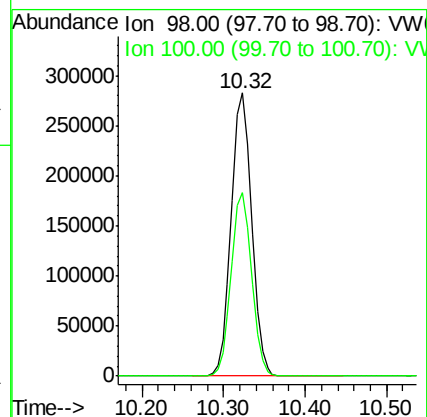
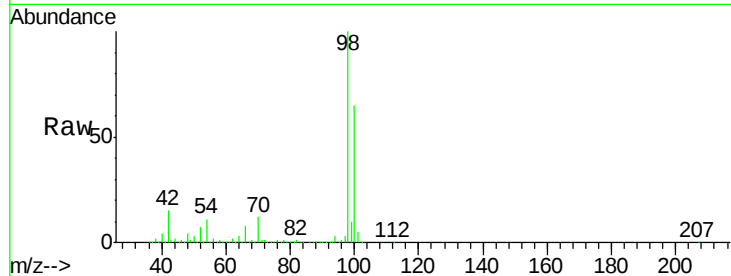
T4-S-E-(2.5)

Tot Ion: 98 Resp: 489481

Ion Ratio Lower Upper

98 100

100 64.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.795 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012423.D

Acq: 01 Sep 2019 02:20

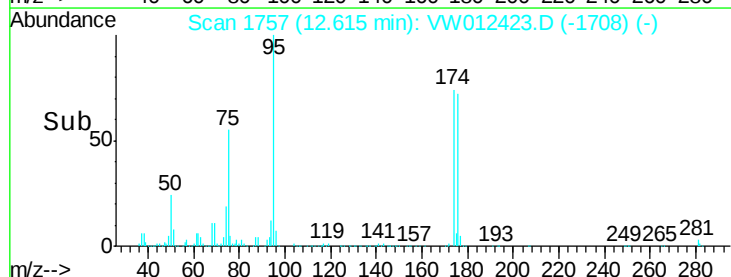
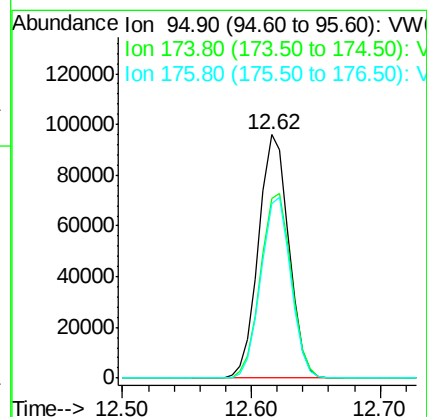
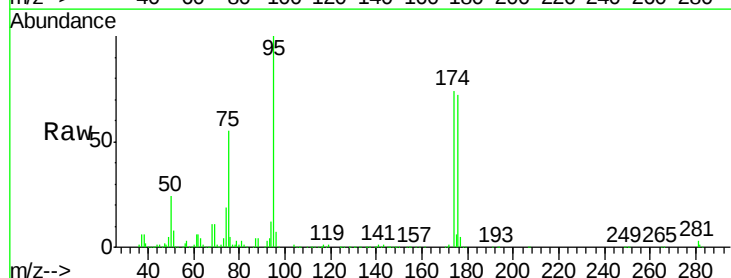
Tgt Ion: 95 Resp: 155556

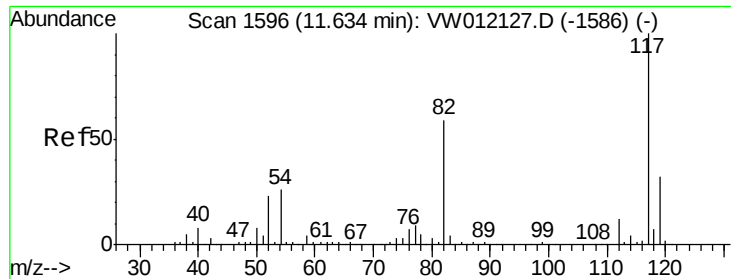
Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.8

176 73.8 0.0 148.6

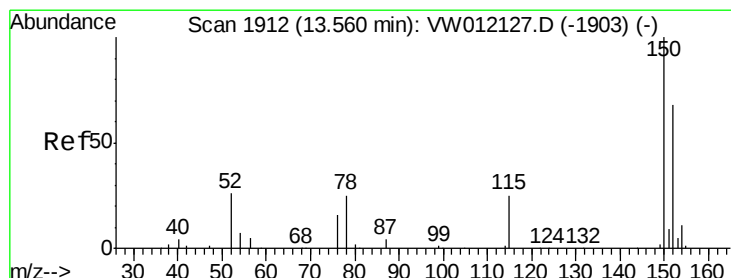
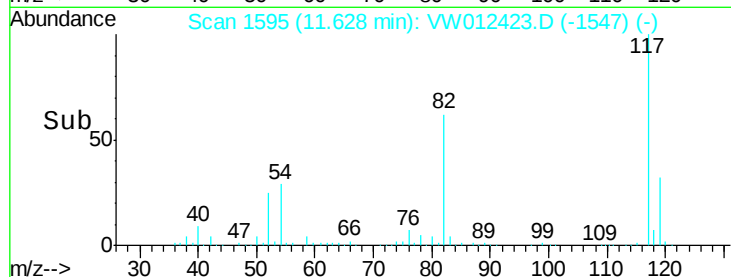
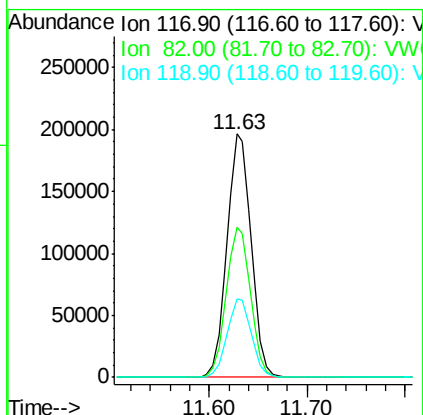
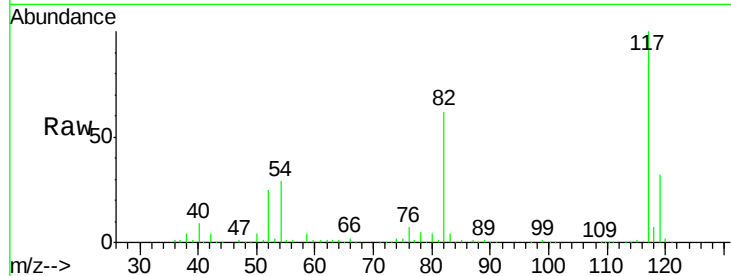




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012423.D
Acq: 01 Sep 2019 02:20

Instrument :
MSVOA_W
ClientSampleId :
T4-S-E-(2.5)

Tot Ion:117 Resp: 335191
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.0 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: VW012423.D
Acq: 01 Sep 2019 02:20

Tgt Ion:152 Resp: 128568
Ion Ratio Lower Upper
152 100
115 61.9 30.1 90.3
150 158.4 0.0 345.8

