

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011341.D
 Acq On : 18 Jul 2019 18:29
 Operator : SY/VA
 Sample : K3852-01
 Misc : 4.25G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-1_071619

Quant Time: Jul 19 07:34:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114336	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136953	57.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.30%	
35) Dibromofluoromethane	7.88	113	103942	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
50) Toluene-d8	10.32	98	406273	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.62	95	130971	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	

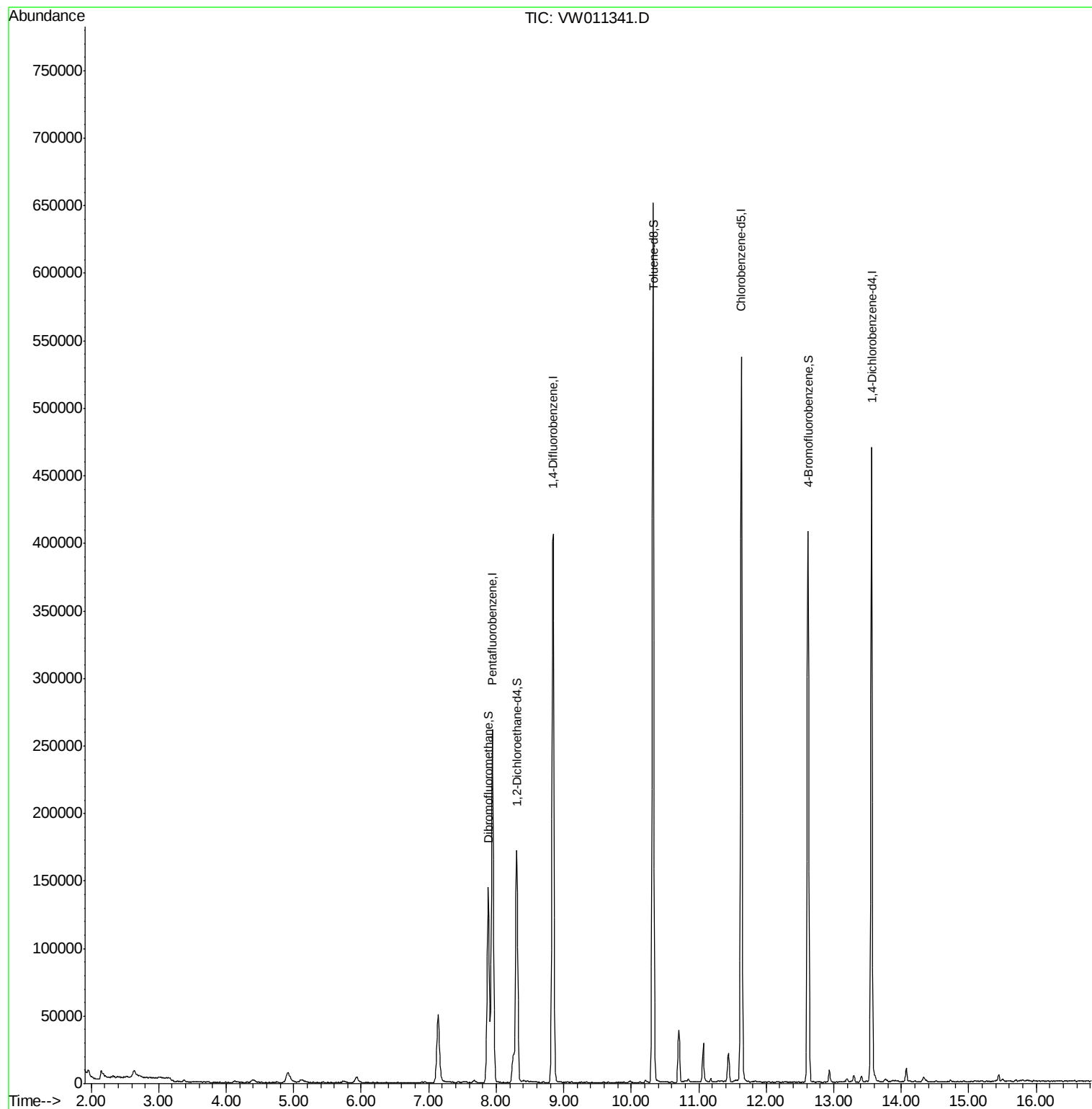
Target Compounds	Qvalue

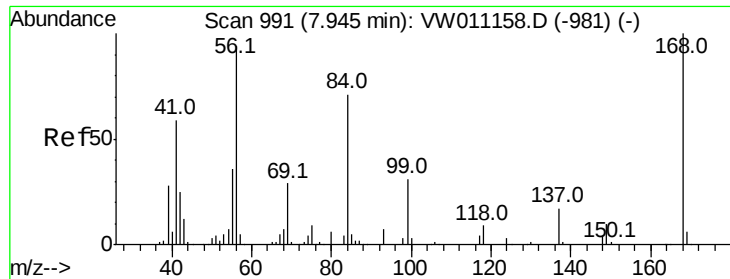
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011341.D

Acq: 18 Jul 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

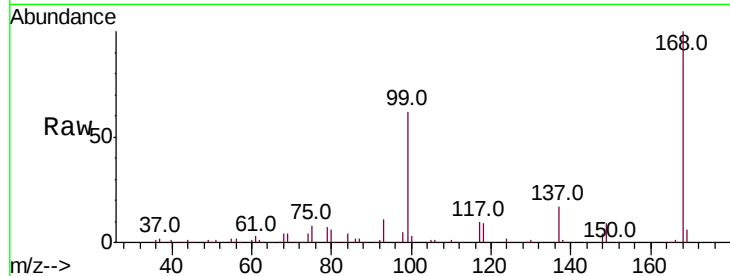
COMP-1_071619

Tot Ion:168 Resp: 189067

Ion Ratio Lower Upper

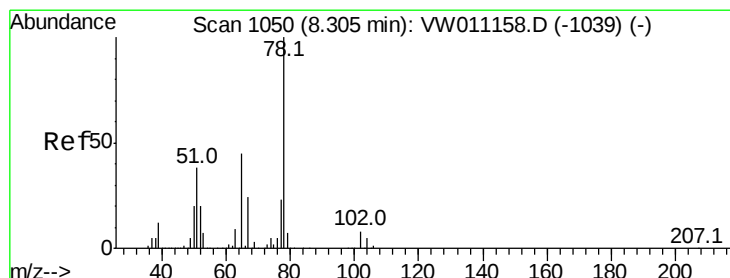
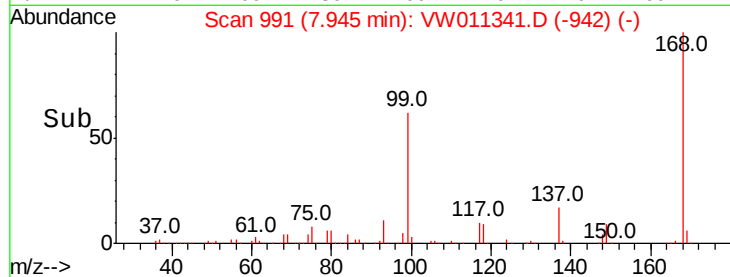
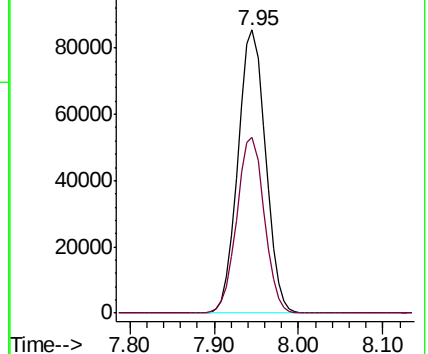
168 100

99 62.1 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 57.648 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011341.D

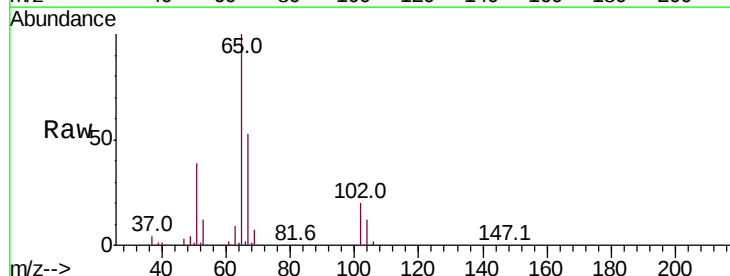
Acq: 18 Jul 2019 18:29

Tgt Ion: 65 Resp: 136953

Ion Ratio Lower Upper

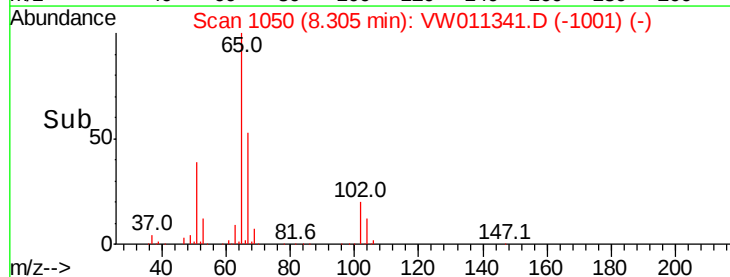
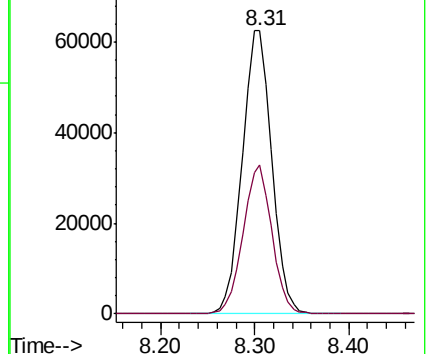
65 100

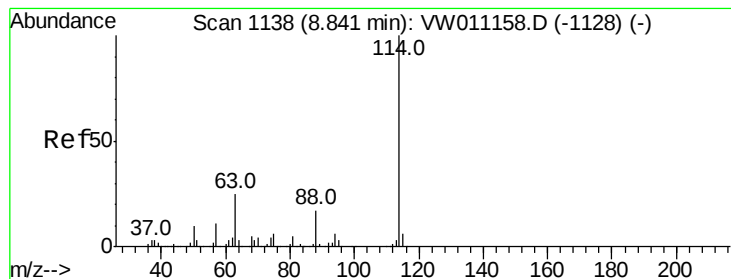
67 51.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011341.D

Acq: 18 Jul 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

COMP-1_071619

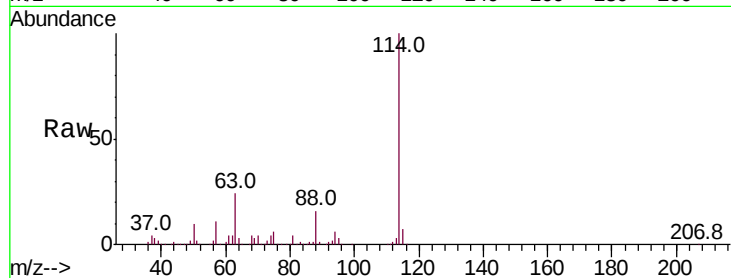
Tot Ion:114 Resp: 325693

Ion Ratio Lower Upper

114 100

63 23.7 0.0 50.8

88 15.7 0.0 34.2



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

200000

150000

100000

50000

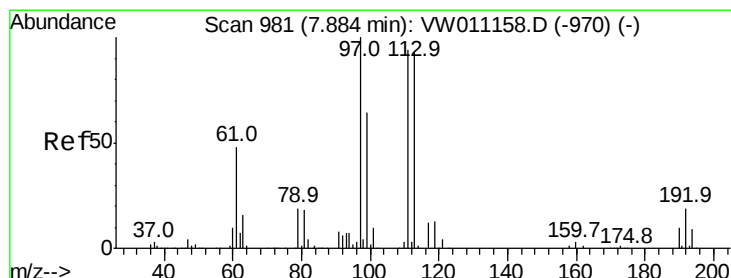
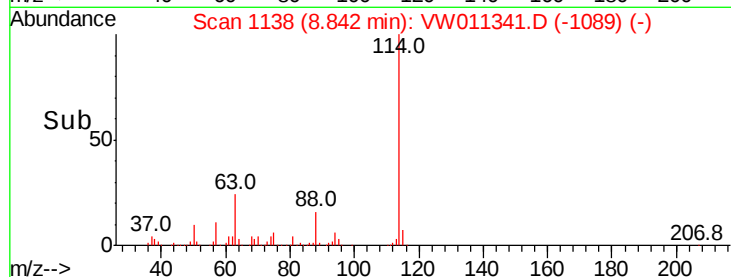
0

8.84

8.80

8.90

Time-->



#35

Dibromofluoromethane

Concen: 53.543 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011341.D

Acq: 18 Jul 2019 18:29

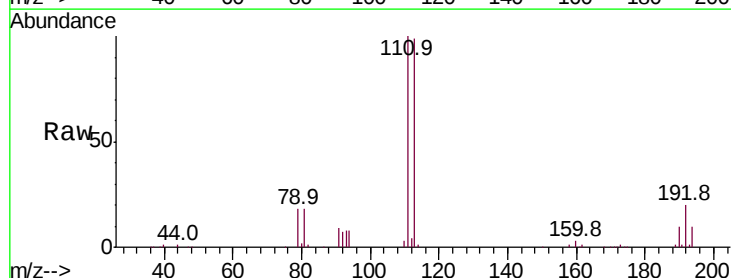
Tgt Ion:113 Resp: 103942

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 19.5 15.8 23.8



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

60000

50000

40000

30000

20000

10000

0

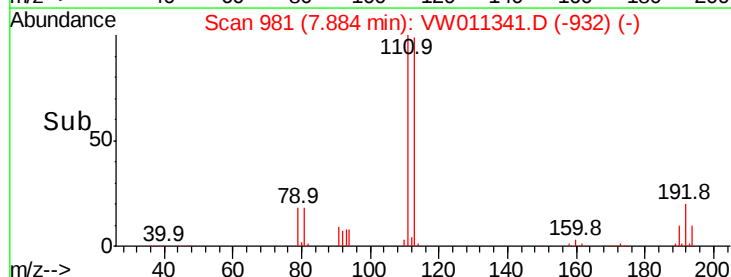
7.88

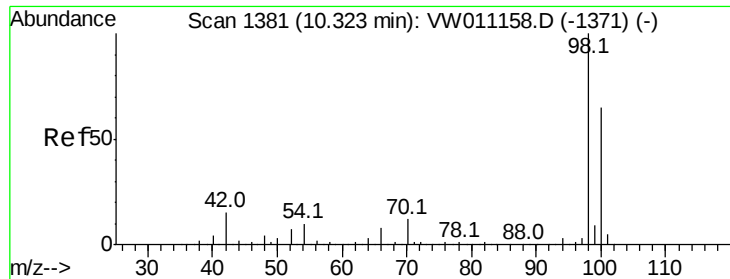
7.80

7.90

8.00

Time-->





#50

Toluene-d8

Concen: 51.775 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011341.D

Acq: 18 Jul 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

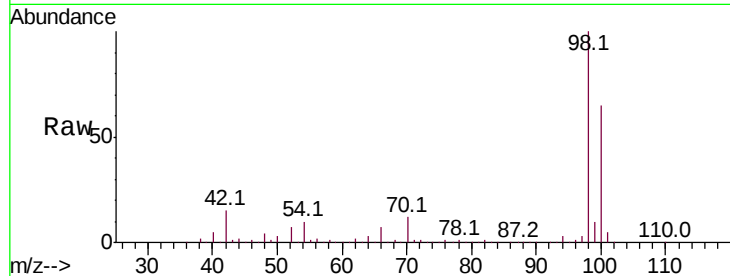
COMP-1_071619

Tot Ion: 98 Resp: 406273

Ion Ratio Lower Upper

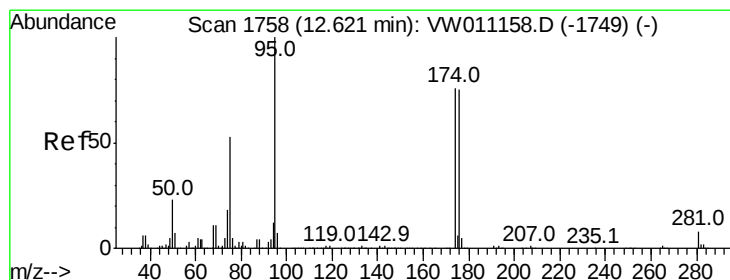
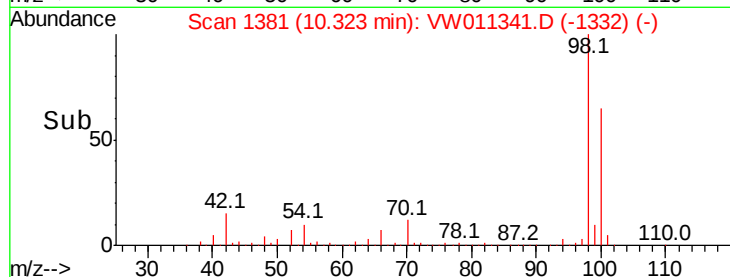
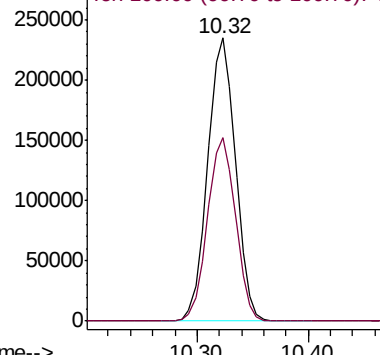
98 100

100 65.4 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: 45.537 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011341.D

Acq: 18 Jul 2019 18:29

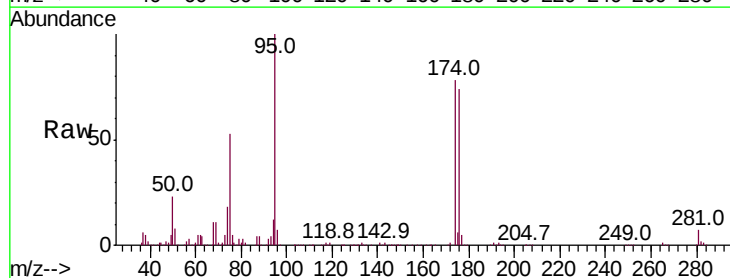
Tgt Ion: 95 Resp: 130971

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.6

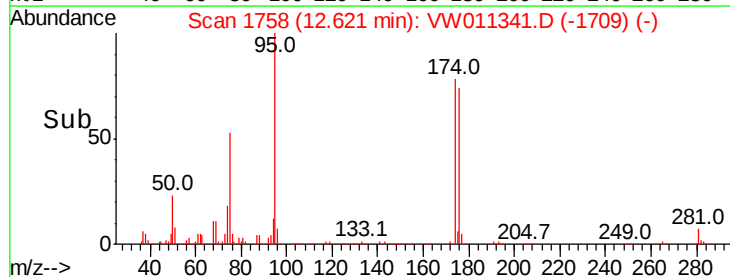
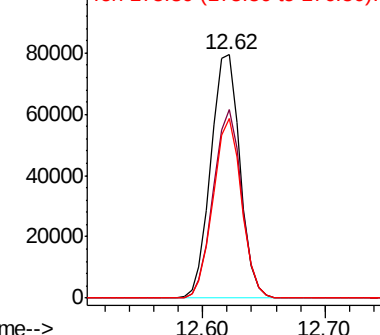
176 72.3 0.0 144.6

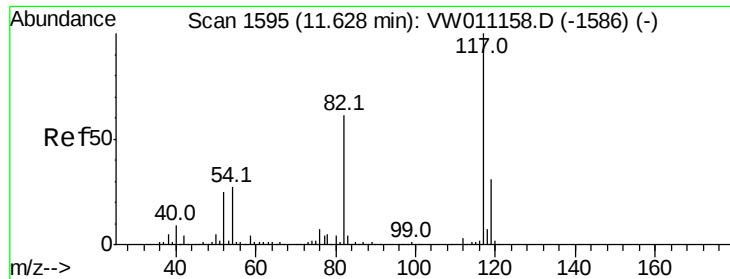


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

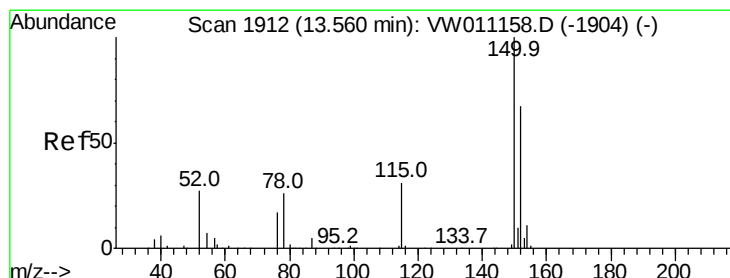
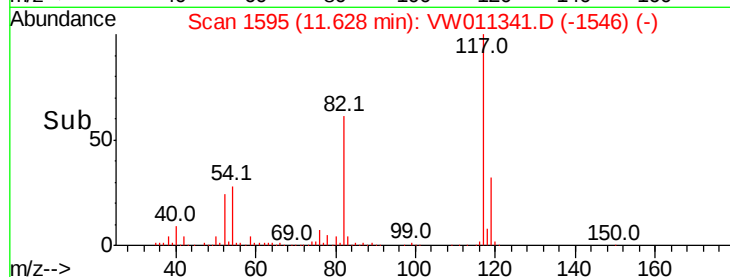
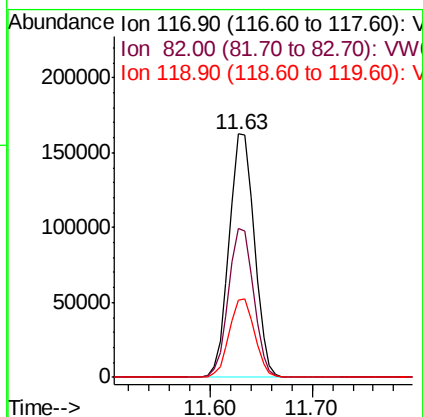
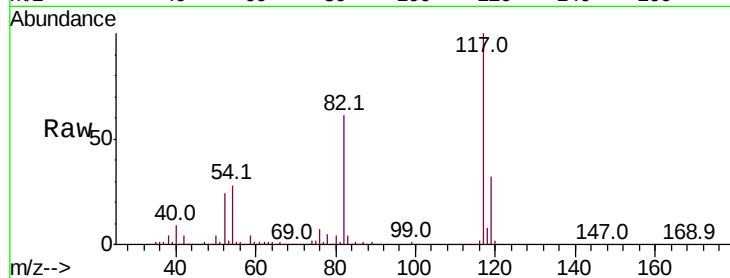




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011341.D
Acq: 18 Jul 2019 18:29

Instrument :
MSVOA_W
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COMP-1_071619

Tot Ion:117 Resp: 278145
Ion Ratio Lower Upper
117 100
82 61.3 48.9 73.3
119 31.6 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011341.D
Acq: 18 Jul 2019 18:29

Tgt Ion:152 Resp: 114336
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.3
150 157.0 0.0 346.0

