

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011446.D
 Acq On : 23 Jul 2019 22:15
 Operator : SY/VA
 Sample : K3618-07
 Misc : 6.64G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-072219

Quant Time: Jul 24 07:02:02 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	225936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124022	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147019	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	7.88	113	116309	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	10.32	98	459435	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	148379	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

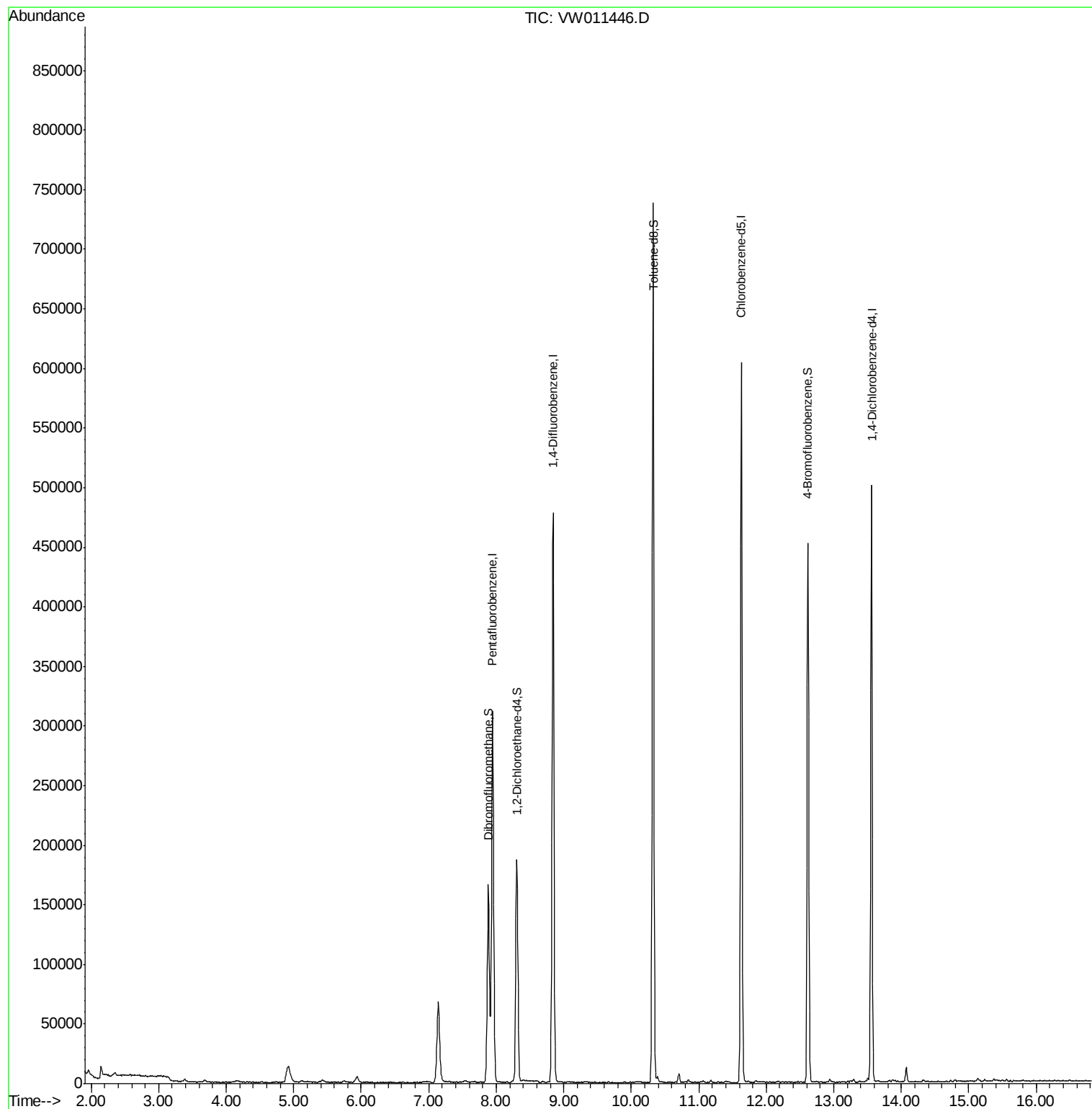
Target Compounds	Qvalue
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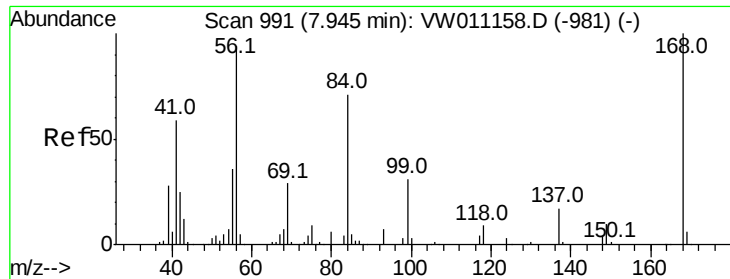
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011446.D

Acq: 23 Jul 2019 22:15

Instrument :

MSVOA_W

ClientSampleId :

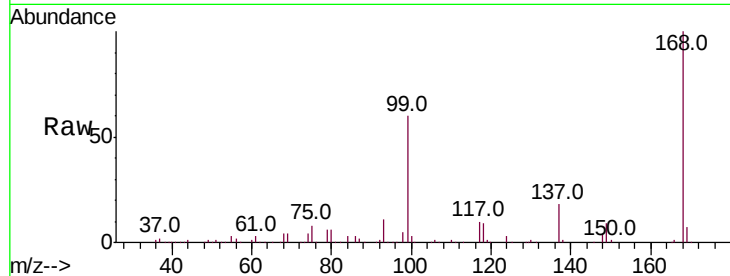
HD-02-072219

Tot Ion:168 Resp: 225936

Ion Ratio Lower Upper

168 100

99 59.9 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

0

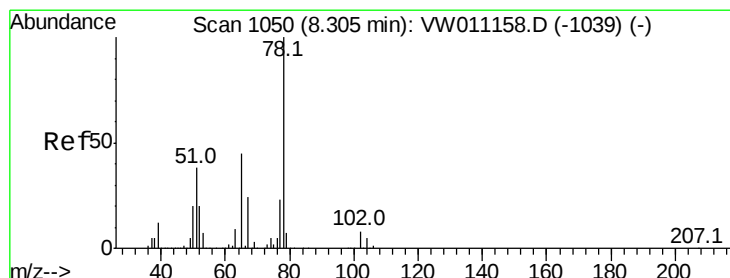
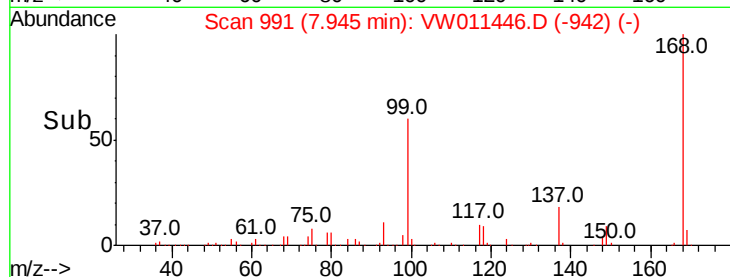
7.80

7.90

8.00

8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.786 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011446.D

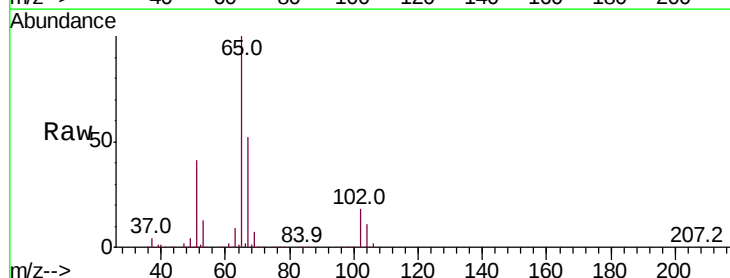
Acq: 23 Jul 2019 22:15

Tgt Ion: 65 Resp: 147019

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

80000

60000

40000

20000

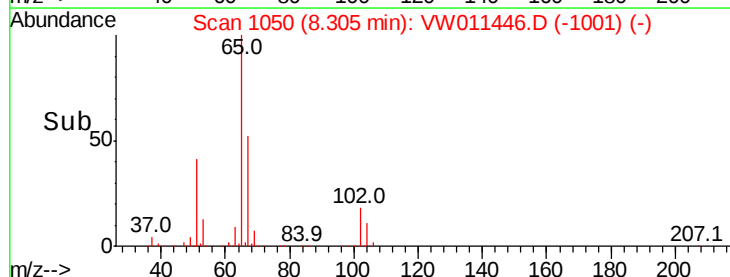
0

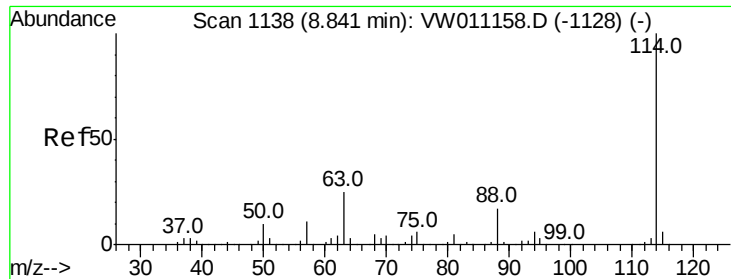
8.20

8.30

8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011446.D

Acq: 23 Jul 2019 22:15

Instrument :

MSVOA_W

ClientSampleId :

HD-02-072219

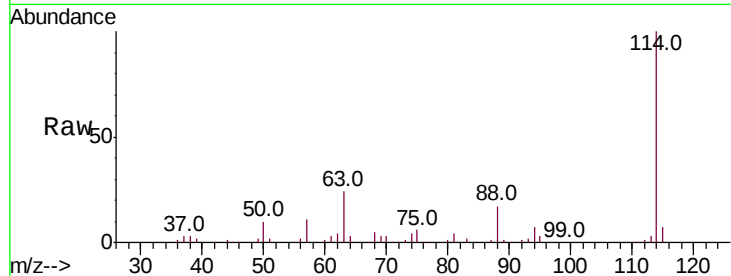
Tot Ion:114 Resp: 378223

Ion Ratio Lower Upper

114 100

63 24.1 0.0 50.8

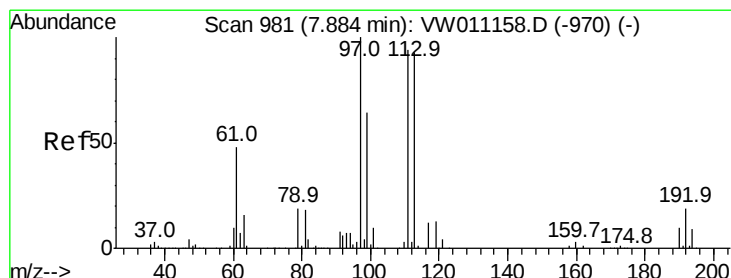
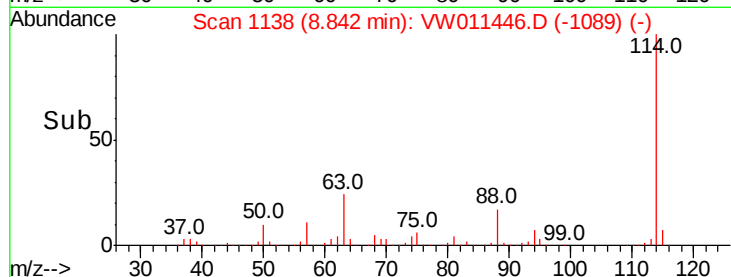
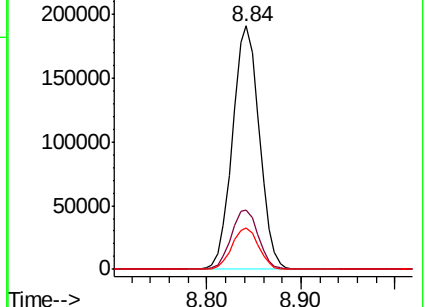
88 17.2 0.0 34.2



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



#35

Dibromofluoromethane

Concen: 51.592 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011446.D

Acq: 23 Jul 2019 22:15

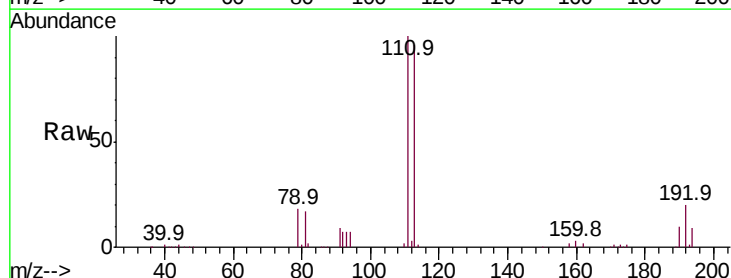
Tgt Ion:113 Resp: 116309

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

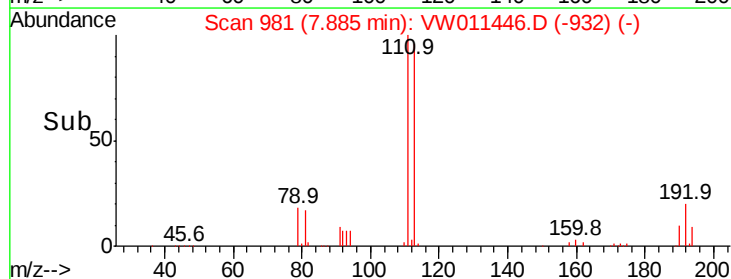
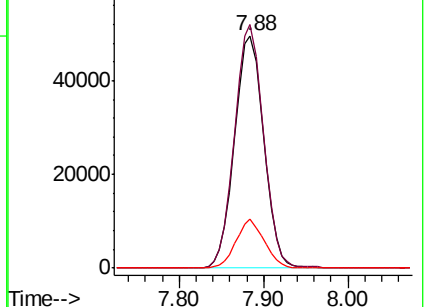
192 20.0 15.8 23.8

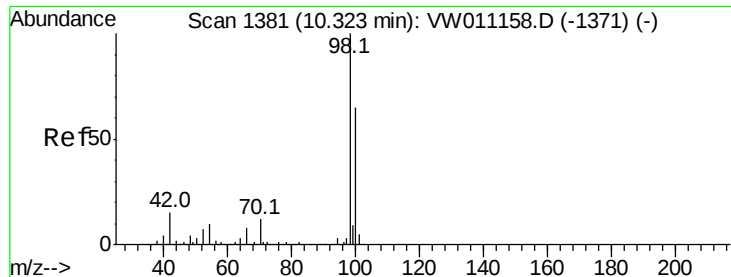


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.418 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011446.D

Acq: 23 Jul 2019 22:15

Instrument :

MSVOA_W

ClientSampleId :

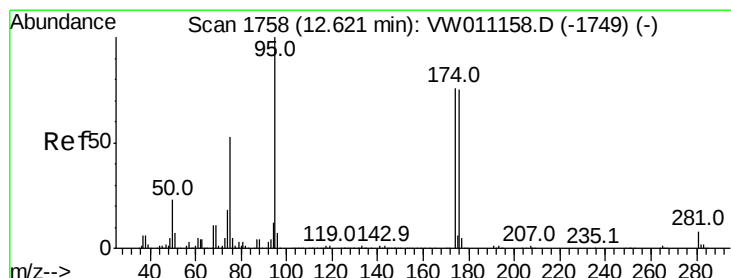
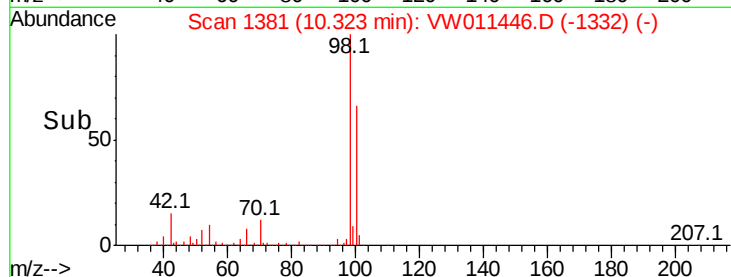
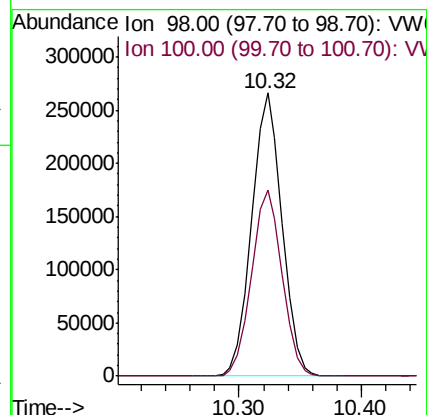
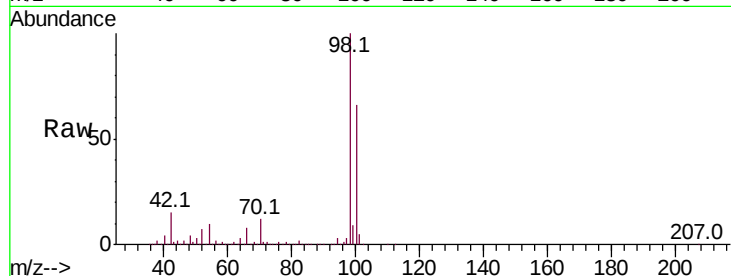
HD-02-072219

Tot Ion: 98 Resp: 459435

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.424 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011446.D

Acq: 23 Jul 2019 22:15

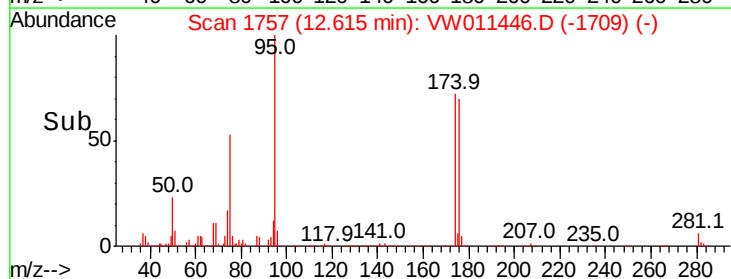
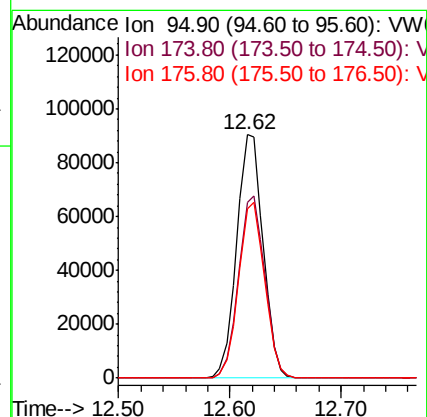
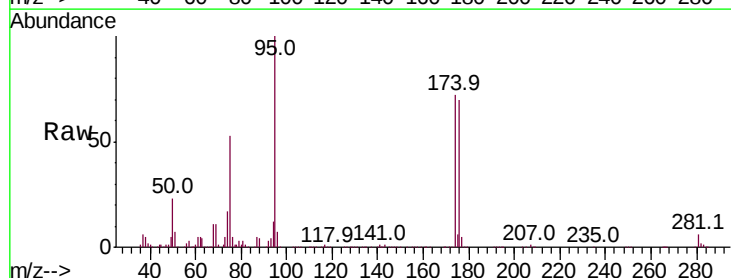
Tgt Ion: 95 Resp: 148379

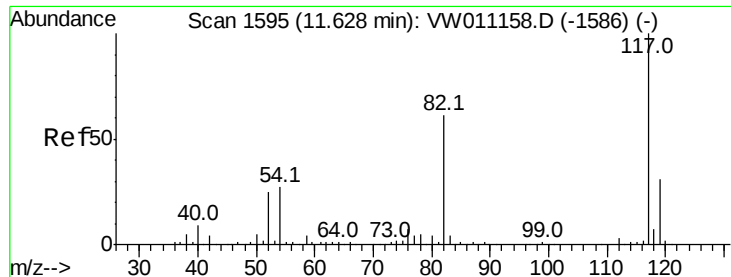
Ion Ratio Lower Upper

95 100

174 74.7 0.0 147.6

176 71.3 0.0 144.6

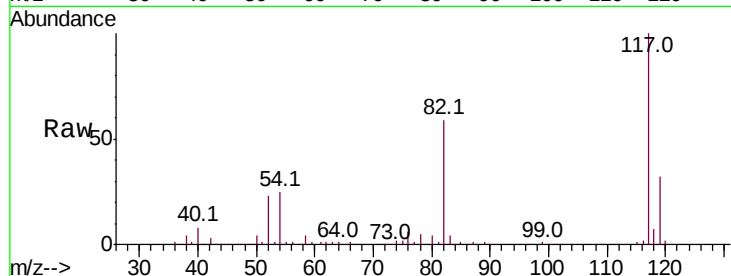




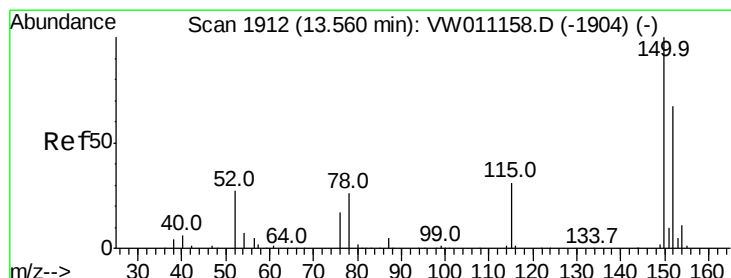
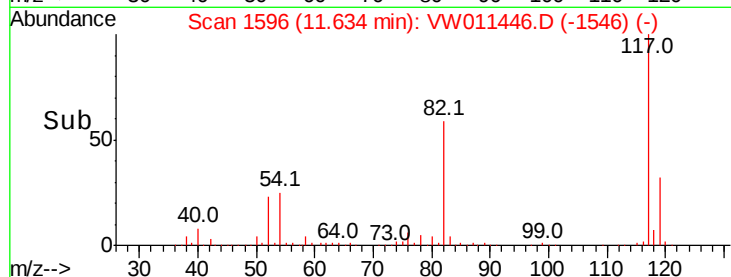
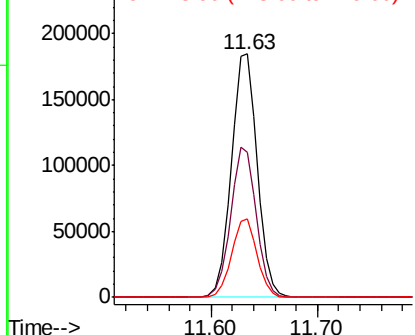
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011446.D
Acq: 23 Jul 2019 22:15

Instrument :
MSVOA_W
ClientSampleId :
HD-02-072219

Tot Ion:117 Resp: 315104
Ion Ratio Lower Upper
117 100
82 59.4 48.9 73.3
119 32.1 25.0 37.6

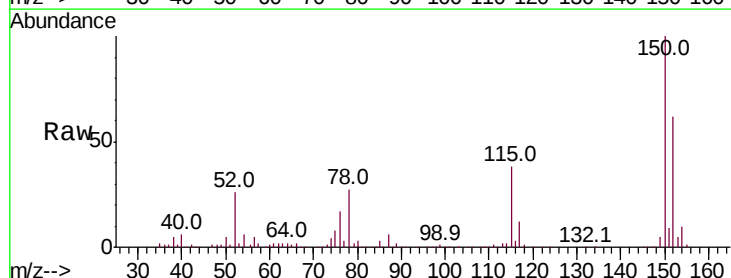


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011446.D
Acq: 23 Jul 2019 22:15

Tgt Ion:152 Resp: 124022
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.3
150 156.2 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

