

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011528.D
 Acq On : 26 Jul 2019 20:32
 Operator : SY/VA
 Sample : K3983-05
 Misc : 6.32G/5.0ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-5

Quant Time: Jul 27 06:36:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118259	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	152792	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
35) Dibromofluoromethane	7.88	113	119764	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
50) Toluene-d8	10.32	98	484537	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.62	95	148069	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	

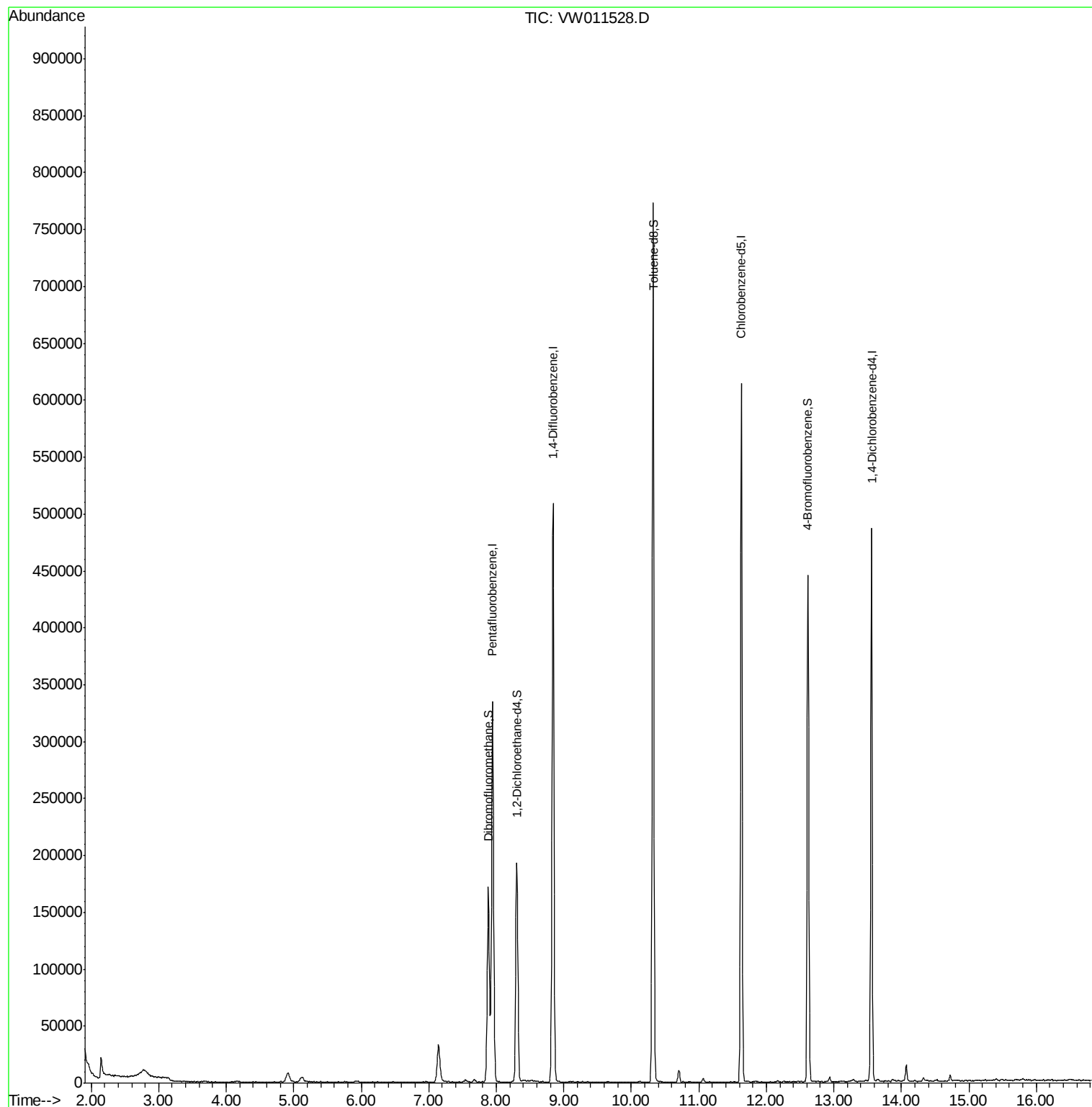
Target Compounds	Qvalue

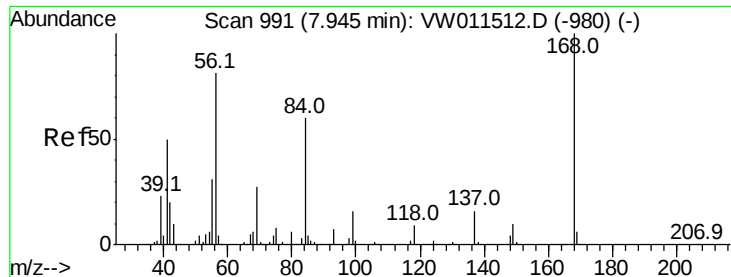
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011528.D

Acq: 26 Jul 2019 20:32

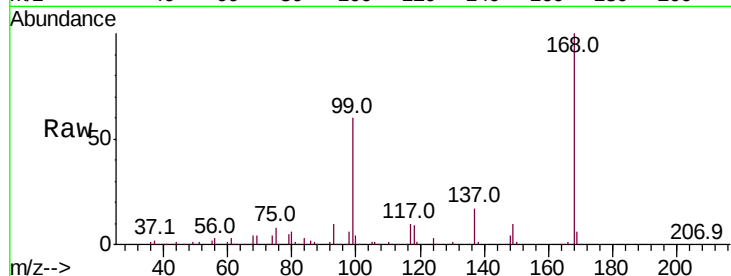
Instrument :
MSVOA_W
ClientSampled :
SP-5

Tot Ion:168 Resp: 242272

Ion Ratio Lower Upper

168 100

99 60.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

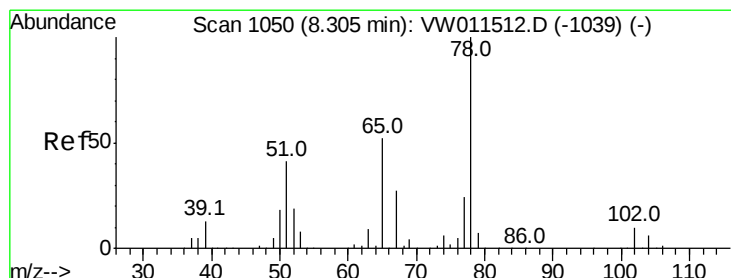
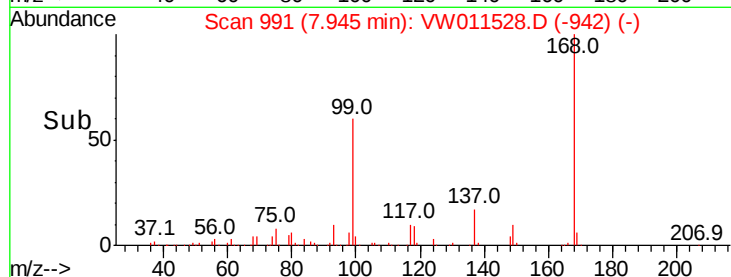
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.922 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011528.D

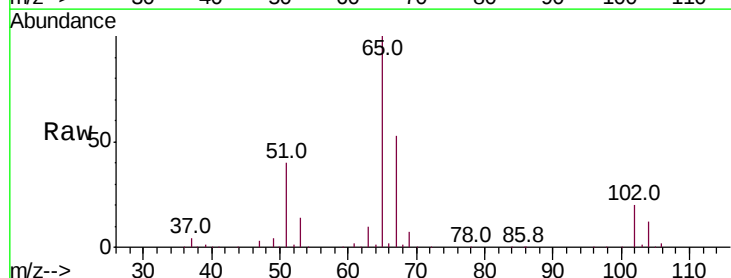
Acq: 26 Jul 2019 20:32

Tgt Ion: 65 Resp: 152792

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

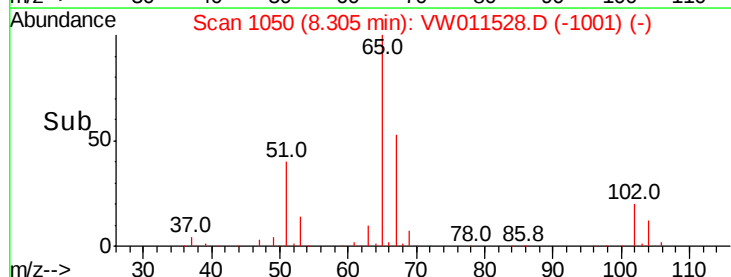
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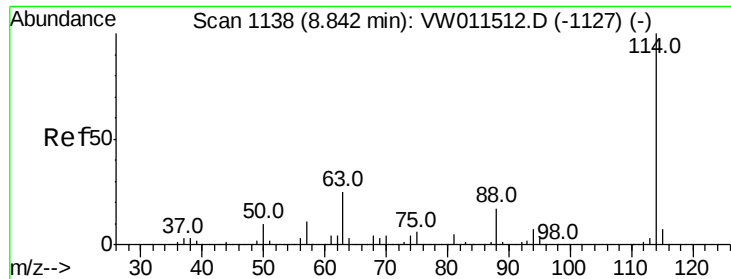
40000

20000

0

Time-->

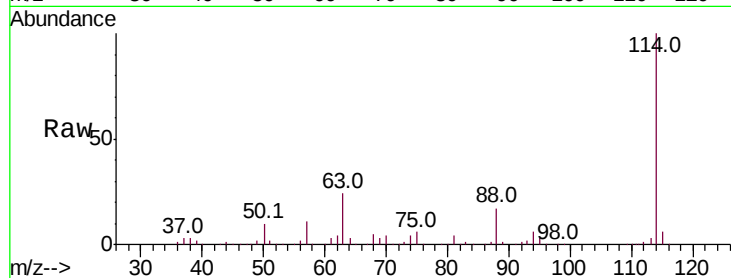




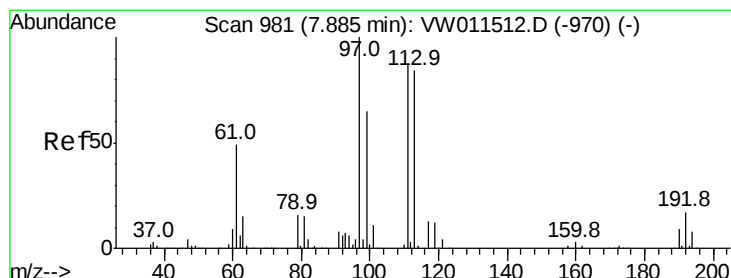
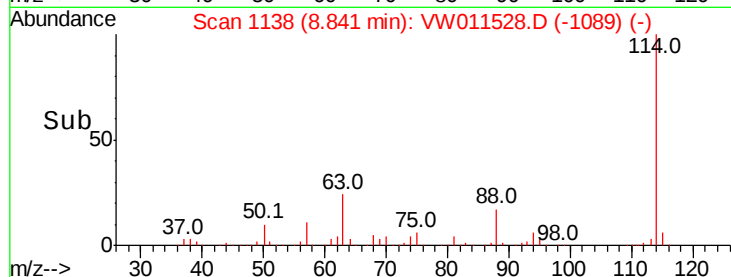
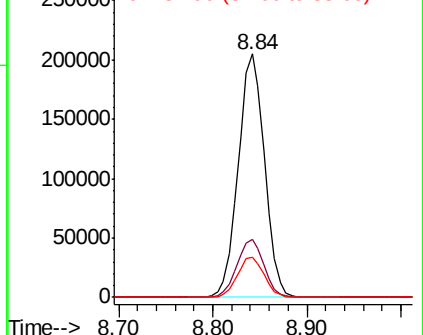
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011528.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_W
 ClientSampled :
 SP-5

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	49.2
88	16.6	0.0	33.8

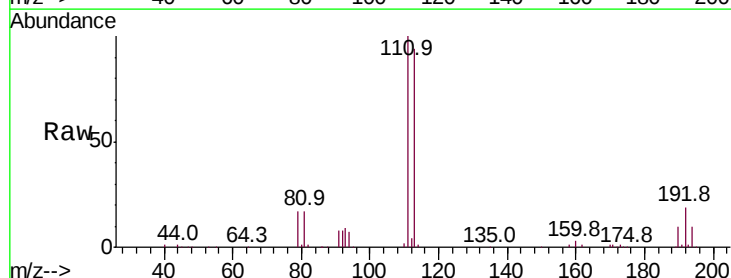


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

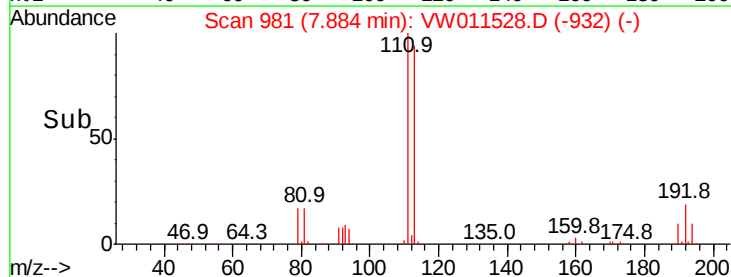
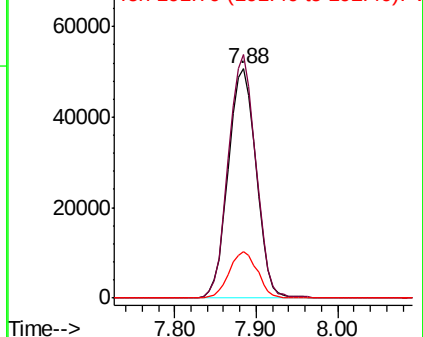


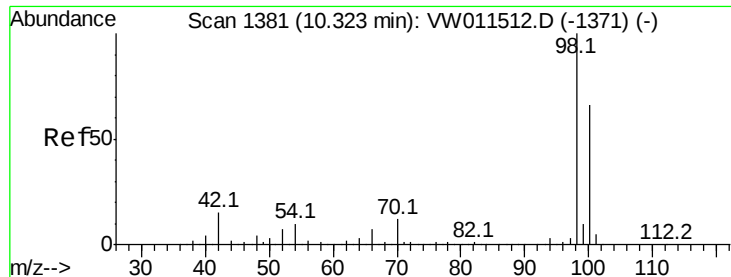
#35
 Dibromofluoromethane
 Concen: 53.588 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011528.D
 Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.7	124.1
192	20.3	16.1	24.1



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: 52.953 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011528.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_W

ClientSampleId :

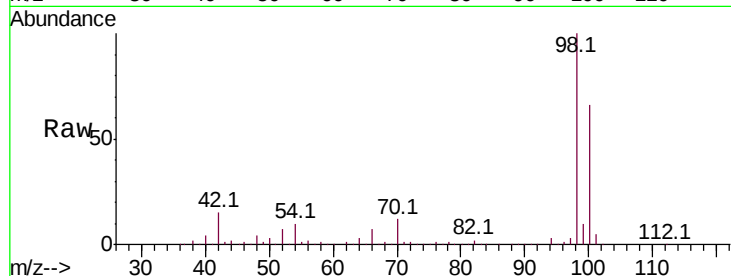
SP-5

Tot Ion: 98 Resp: 484537

Ion Ratio Lower Upper

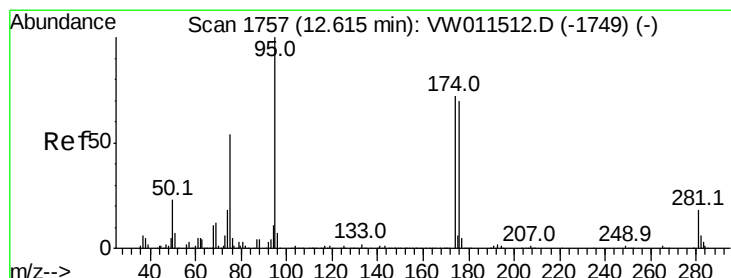
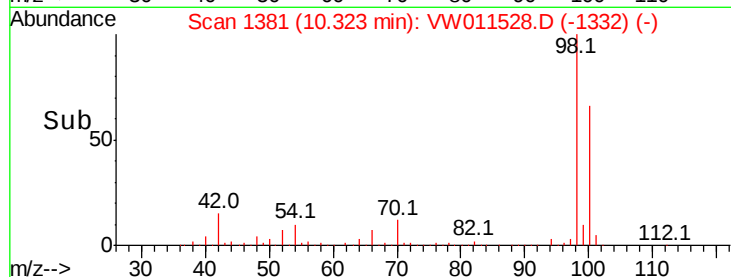
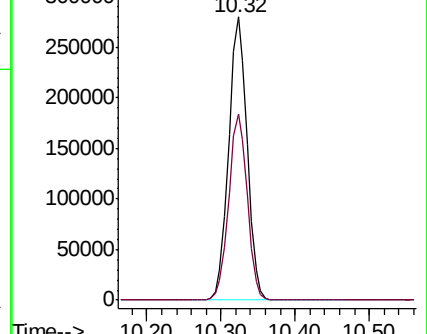
98 100

100 66.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.388 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011528.D

Acq: 26 Jul 2019 20:32

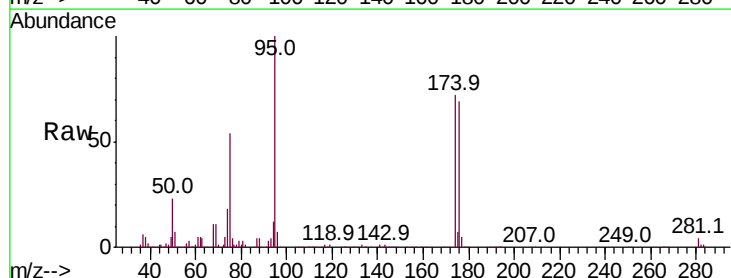
Tgt Ion: 95 Resp: 148069

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

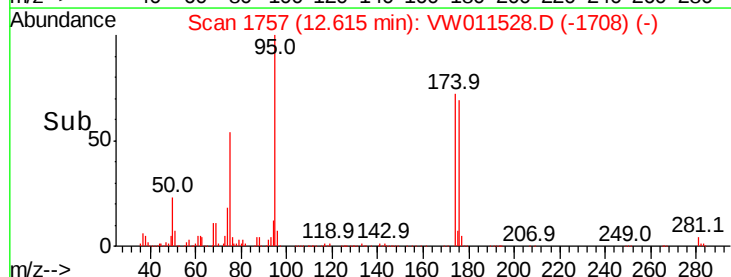
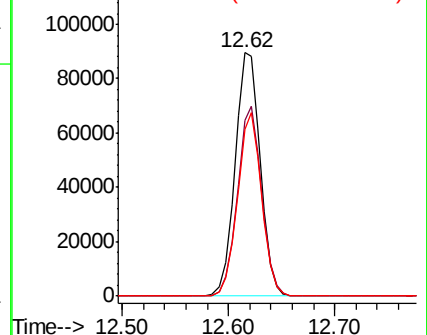
176 72.0 0.0 144.4

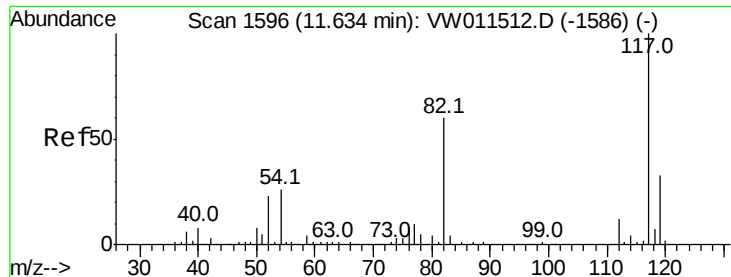


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

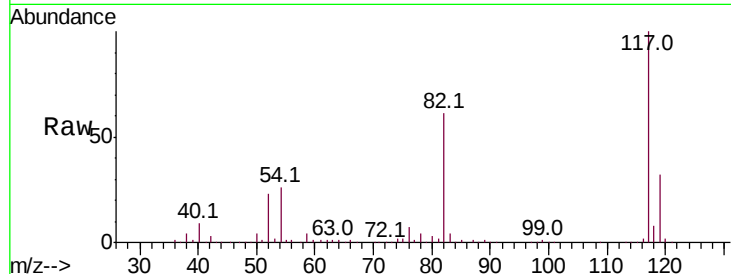




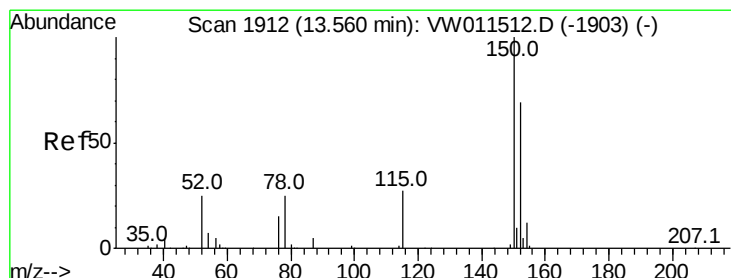
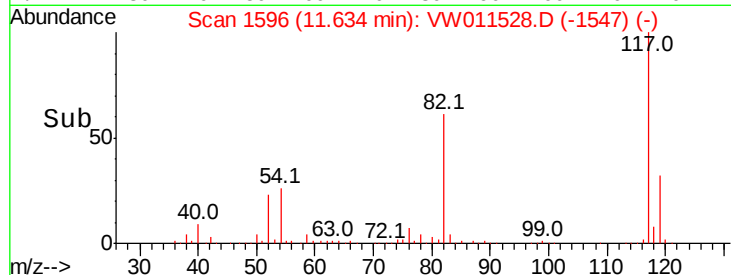
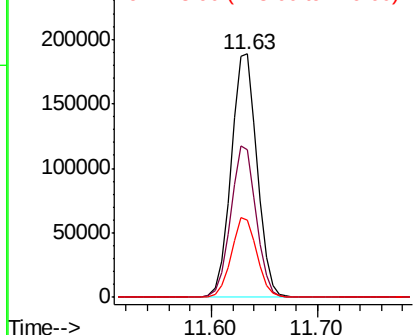
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011528.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_W
ClientSampled :
SP-5

Tot Ion:117 Resp: 321390
Ion Ratio Lower Upper
117 100
82 60.7 47.9 71.9
119 31.7 26.2 39.2

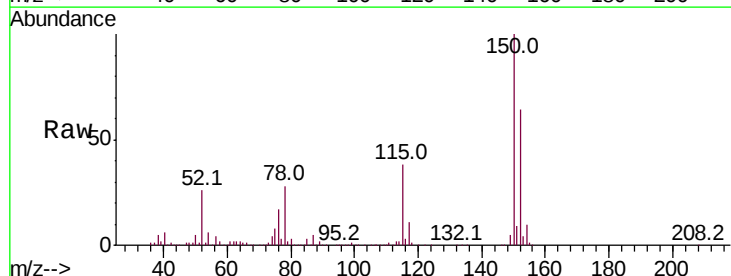


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011528.D
Acq: 26 Jul 2019 20:32

Tgt Ion:152 Resp: 118259
Ion Ratio Lower Upper
152 100
115 60.2 30.5 91.5
150 158.3 0.0 352.6



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

