

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009096.D
 Acq On : 11 Mar 2019 19:32
 Operator : SY/VA
 Sample : K1691-03
 Misc : 6.20G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-030819-B

Quant Time: Mar 12 08:59:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	451224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160970	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	172480	61.63	ug/l	0.00
Spiked Amount						
			Recovery	=	123.26%	
35) Dibromofluoromethane	7.88	113	145600	53.59	ug/l	0.00
Spiked Amount						
			Recovery	=	107.18%	
50) Toluene-d8	10.32	98	538473	48.26	ug/l	0.00
Spiked Amount						
			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.62	95	176085	40.09	ug/l	0.00
Spiked Amount						
			Recovery	=	80.18%	

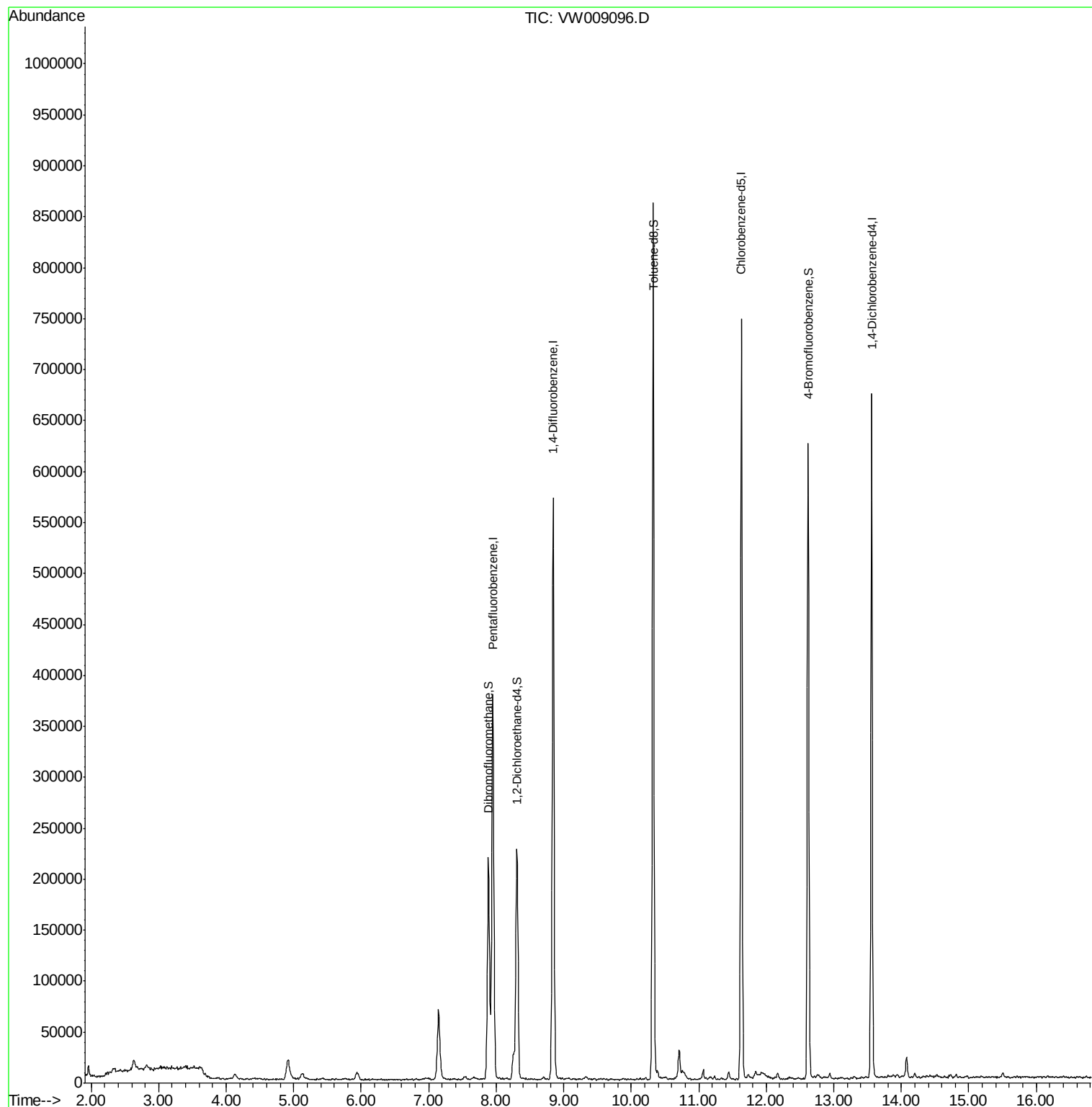
Target Compounds	Qvalue
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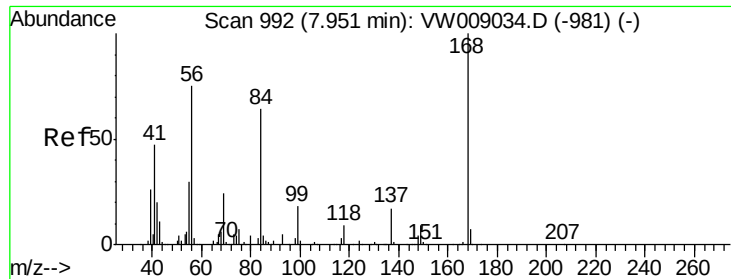
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009096.D

Acq: 11 Mar 2019 19:32

Instrument :

MSVOA_W

ClientSampleId :

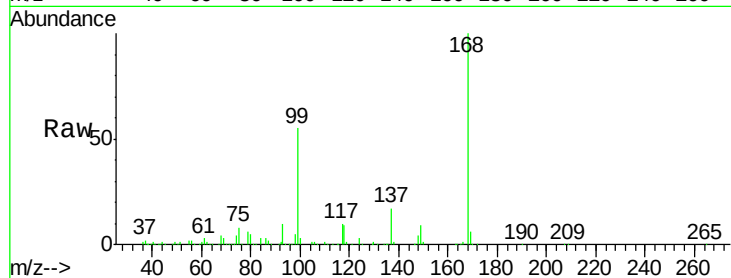
CL-02-030819-B

Tot Ion:168 Resp: 278166

Ion Ratio Lower Upper

168 100

99 54.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

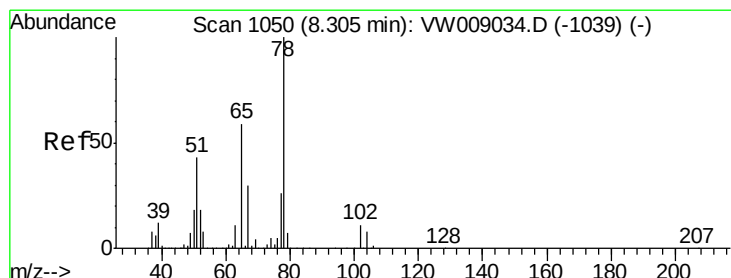
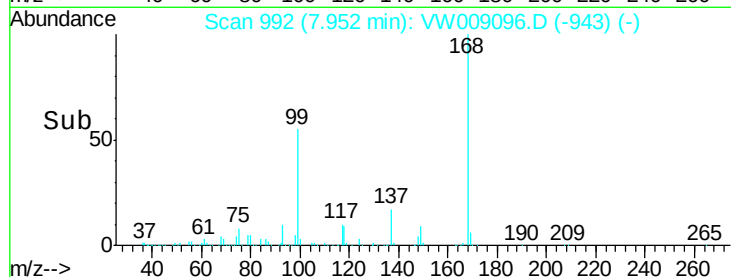
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 61.630 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009096.D

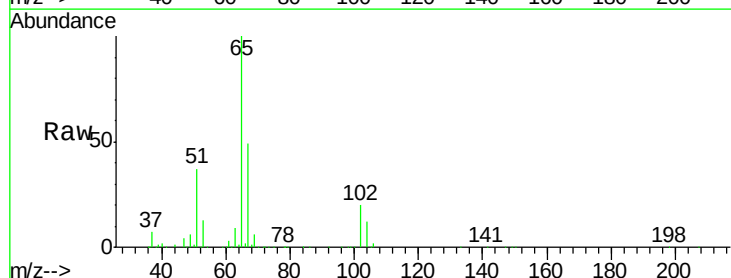
Acq: 11 Mar 2019 19:32

Tgt Ion: 65 Resp: 172480

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

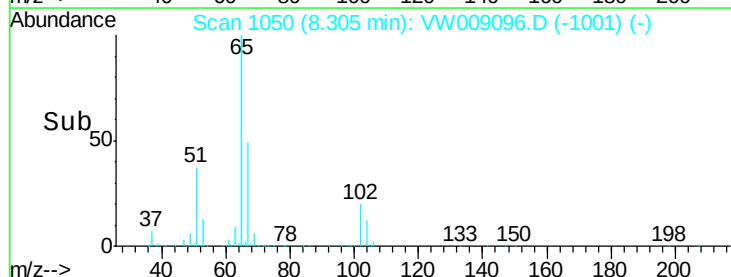
60000

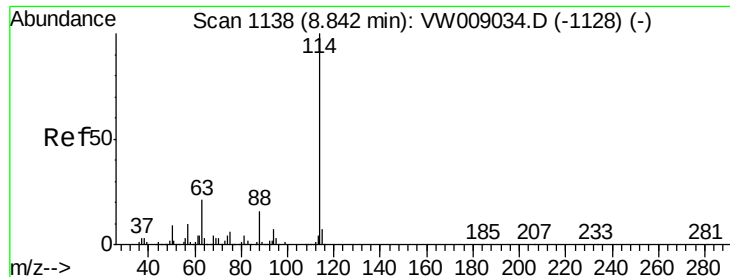
40000

20000

0

Time--> 8.20 8.30 8.40

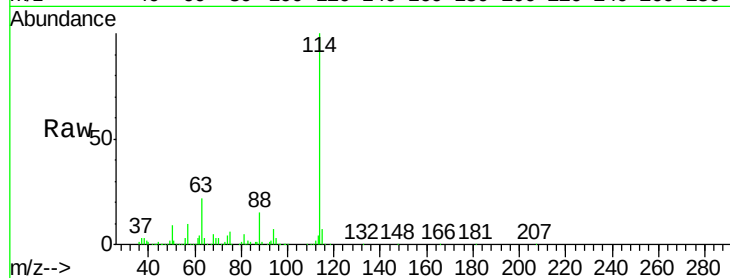




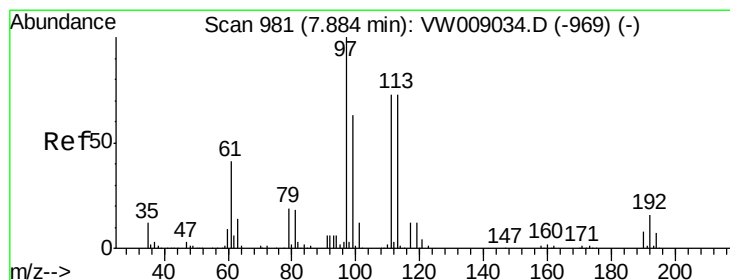
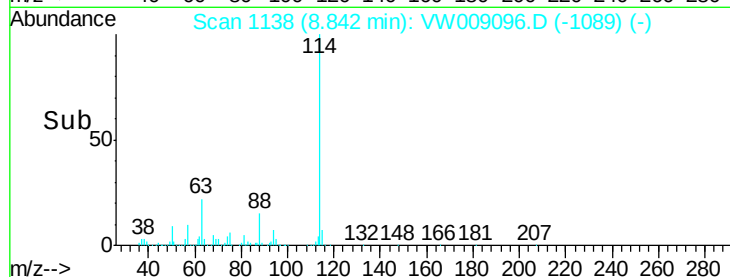
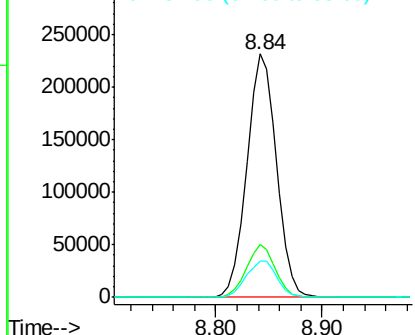
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009096.D
Acq: 11 Mar 2019 19:32

Instrument :
MSVOA_W
ClientSampleId :
CL-02-030819-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.2
88	14.7	0.0	31.2

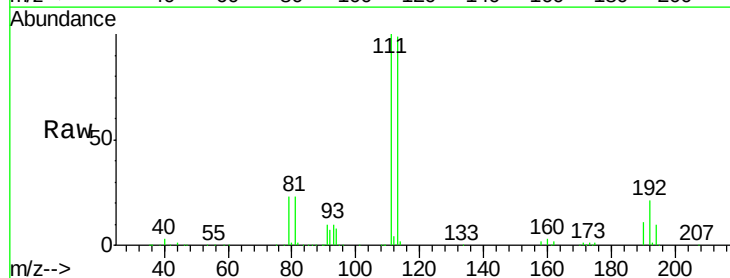


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VV
Ion 87.90 (87.60 to 88.60): VV

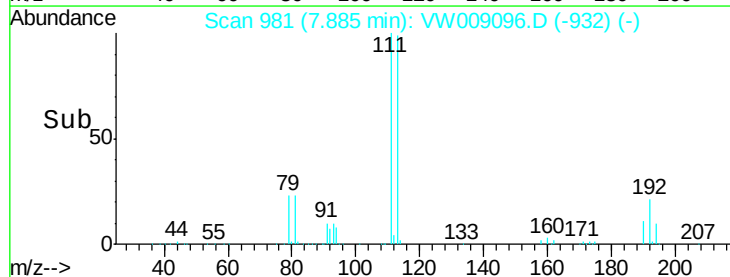
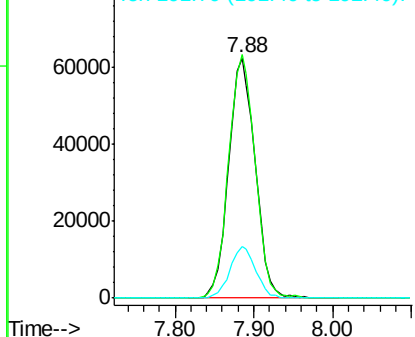


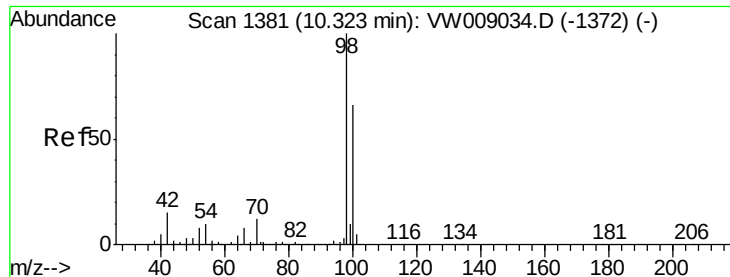
#35
Dibromofluoromethane
Concen: 53.593 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009096.D
Acq: 11 Mar 2019 19:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.0	121.4
192	20.9	17.1	25.7



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: 48.258 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009096.D

Acq: 11 Mar 2019 19:32

Instrument :

MSVOA_W

ClientSampleId :

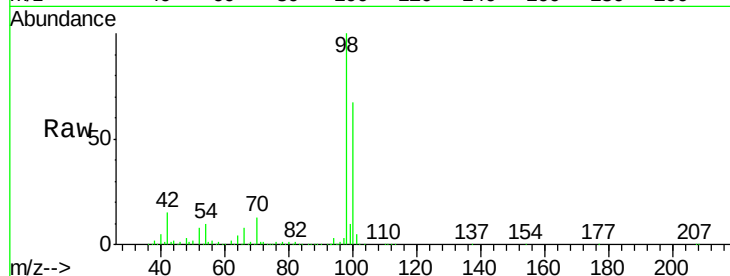
CL-02-030819-B

Tot Ion: 98 Resp: 538473

Ion Ratio Lower Upper

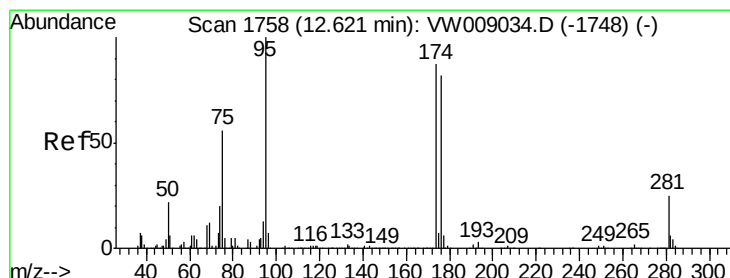
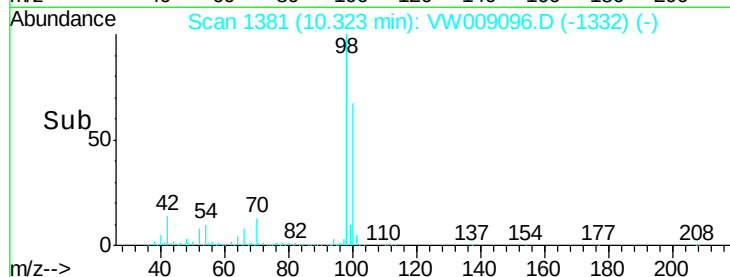
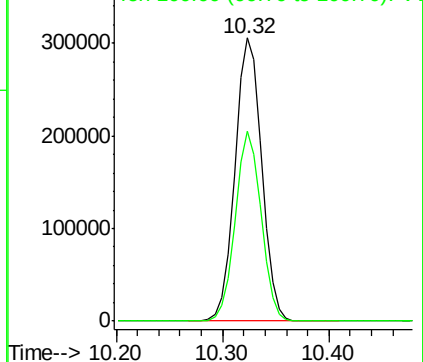
98 100

100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 40.087 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009096.D

Acq: 11 Mar 2019 19:32

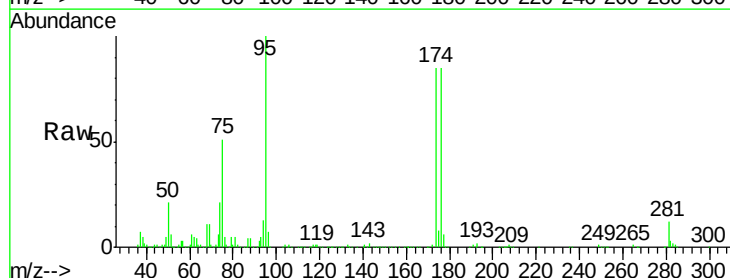
Tgt Ion: 95 Resp: 176085

Ion Ratio Lower Upper

95 100

174 84.2 0.0 167.0

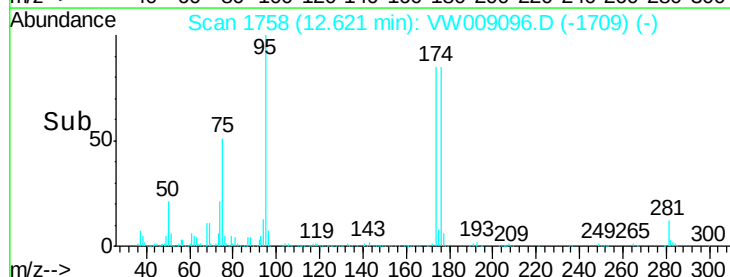
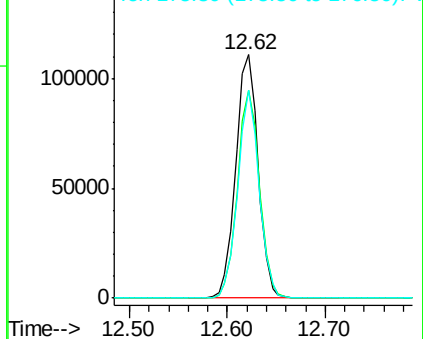
176 81.3 0.0 159.4

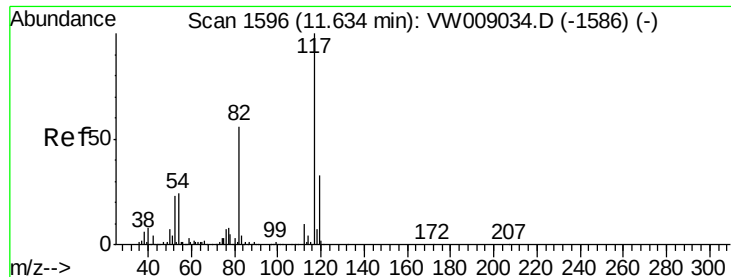


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

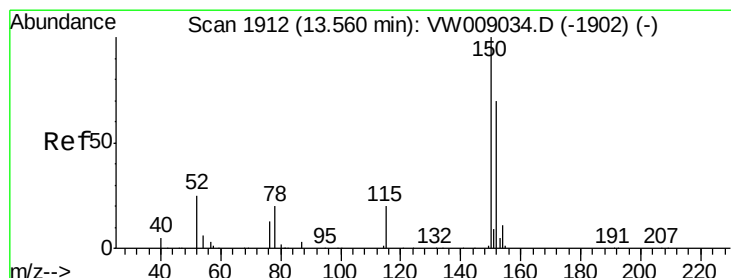
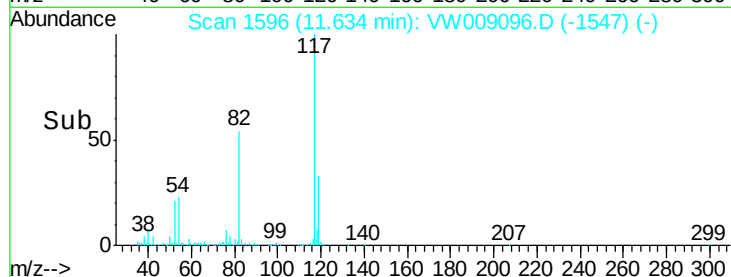
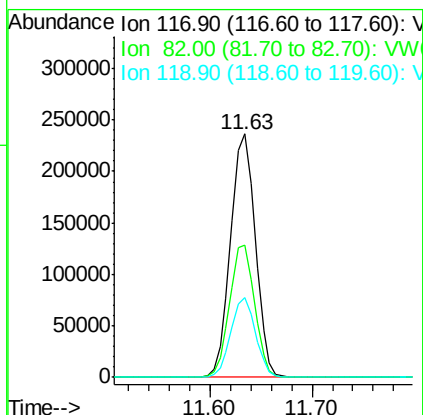
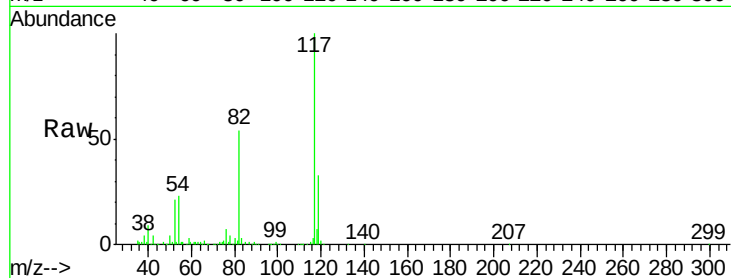




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009096.D
Acq: 11 Mar 2019 19:32

Instrument :
MSVOA_W
ClientSampleId :
CL-02-030819-B

Tot Ion:117 Resp: 397874
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.6
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009096.D
Acq: 11 Mar 2019 19:32

Tgt Ion:152 Resp: 160970
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 159.5 0.0 349.2

