

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011527.D
 Acq On : 26 Jul 2019 20:07
 Operator : SY/VA
 Sample : K3620-19
 Misc : 6.28G/5.0ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-072519-E

Quant Time: Jul 27 06:33:18 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	258647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	429560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135254	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	164675	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
35) Dibromofluoromethane	7.88	113	129802	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	10.32	98	525349	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.62	95	160587	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	

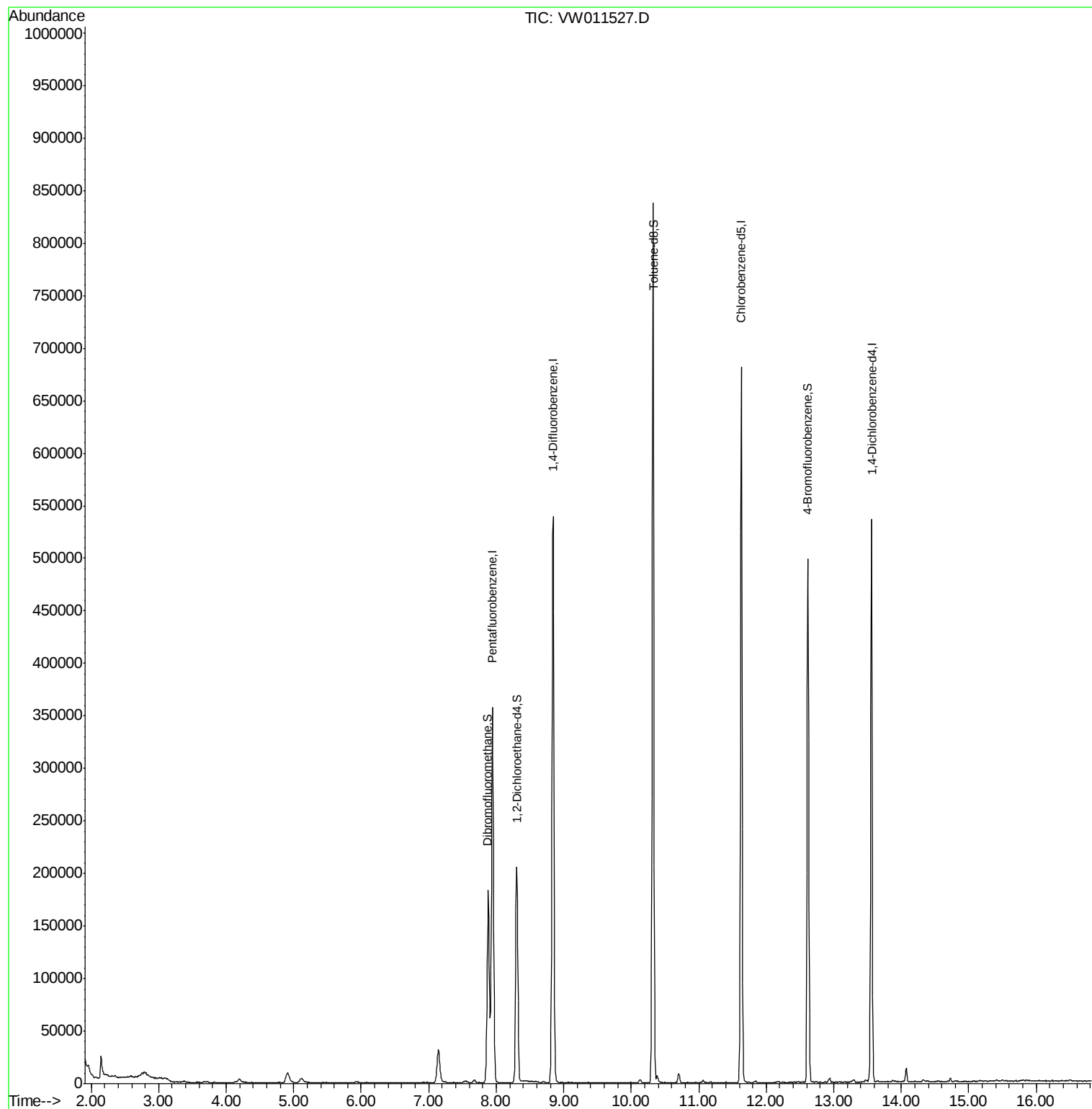
Target Compounds	Qvalue

(#) = 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: VW011527.D

Acq: 26 Jul 2019 20:07

Instrument :

MSVOA_W

ClientSampleId :

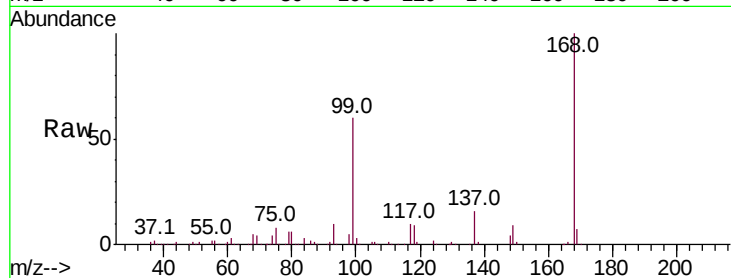
CL-02-072519-E

Tot Ion:168 Resp: 258647

Ion Ratio Lower Upper

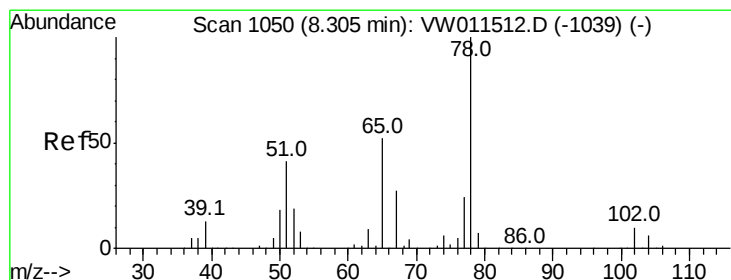
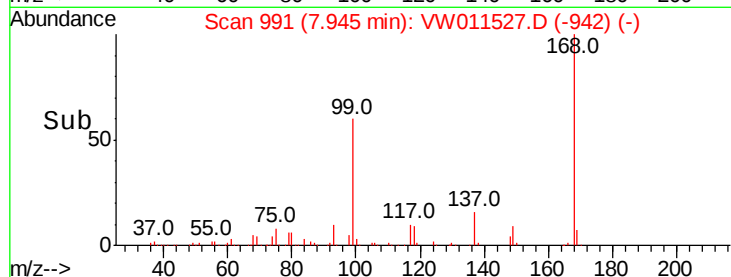
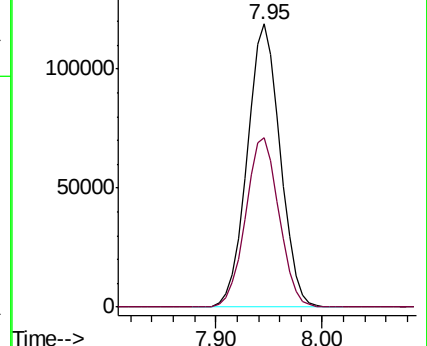
168 100

99 59.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 55.446 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011527.D

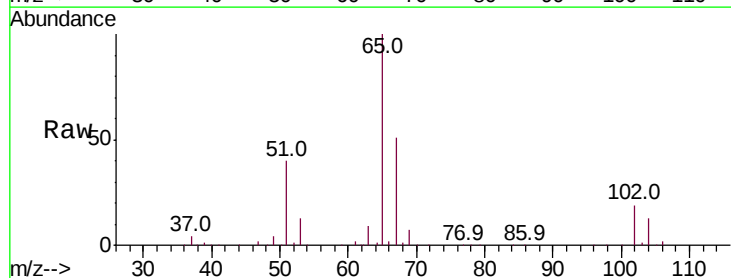
Acq: 26 Jul 2019 20:07

Tgt Ion: 65 Resp: 164675

Ion Ratio Lower Upper

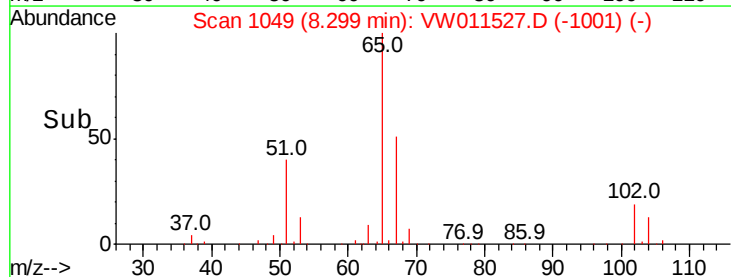
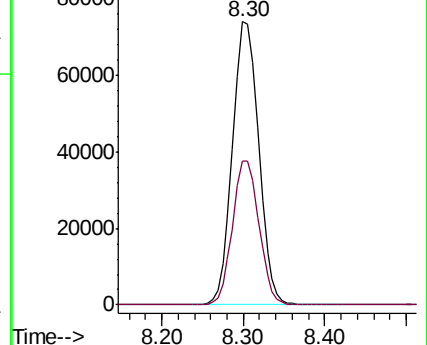
65 100

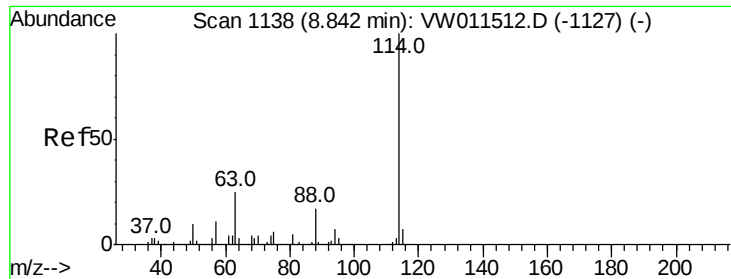
67 51.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

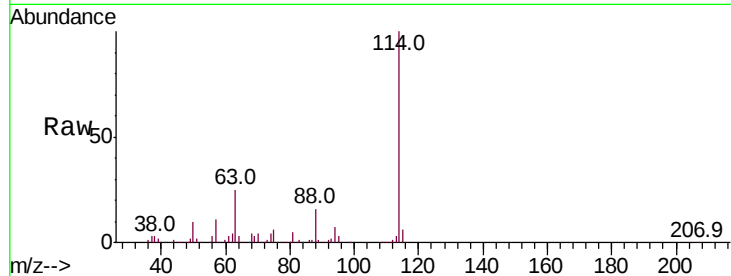




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011527.D
Acq: 26 Jul 2019 20:07

Instrument :
MSVOA_W
ClientSampleId :
CL-02-072519-E

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	16.3	0.0	33.8

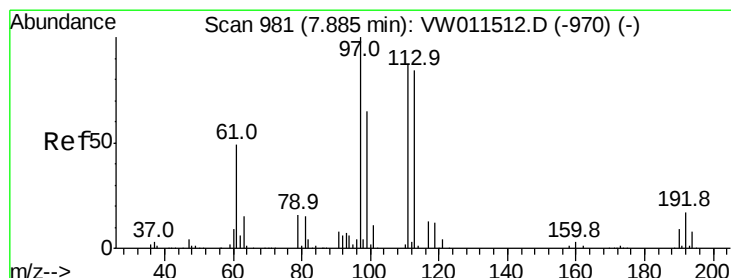
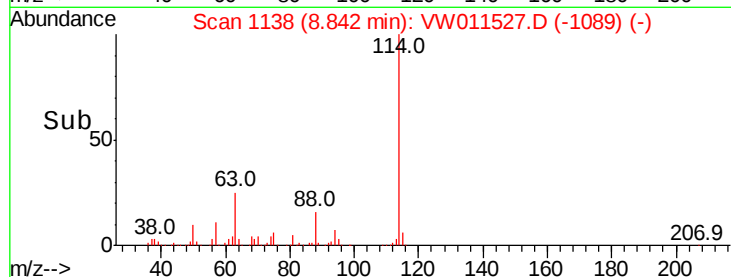
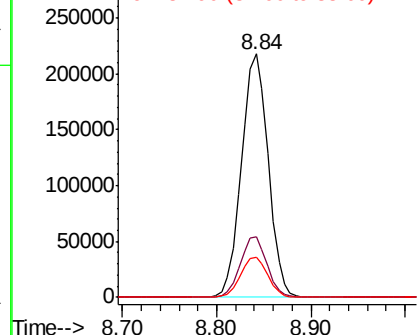


Abundance

Ion 113.90 (113.60 to 114.60): V

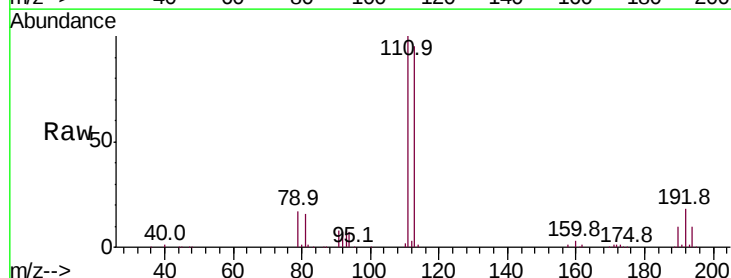
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 53.862 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011527.D
Acq: 26 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	20.3	16.1	24.1

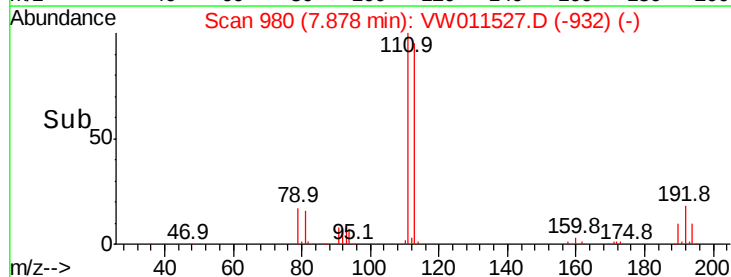
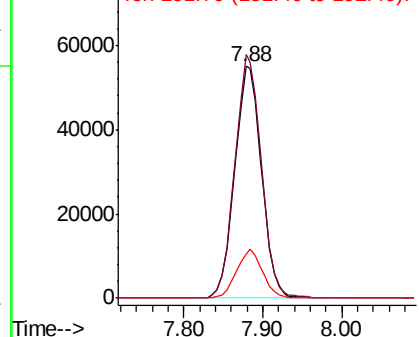


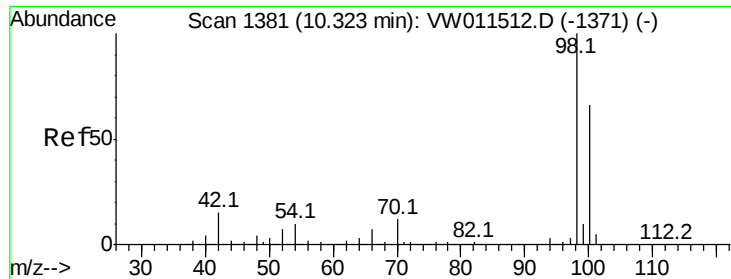
Abundance

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: 53.244 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011527.D

Acq: 26 Jul 2019 20:07

Instrument :

MSVOA_W

ClientSampleId :

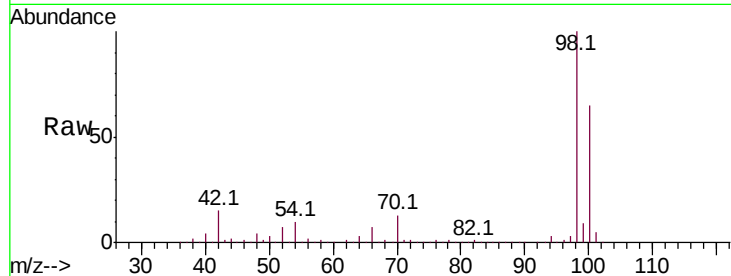
CL-02-072519-E

Tot Ion: 98 Resp: 525349

Ion Ratio Lower Upper

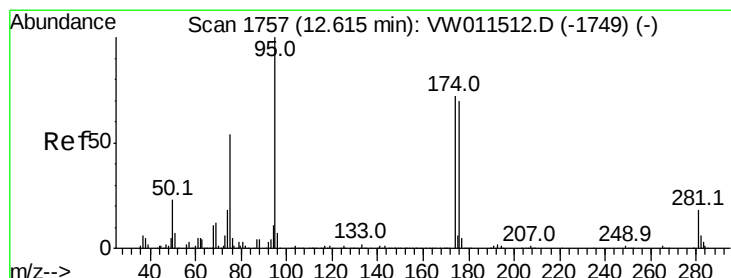
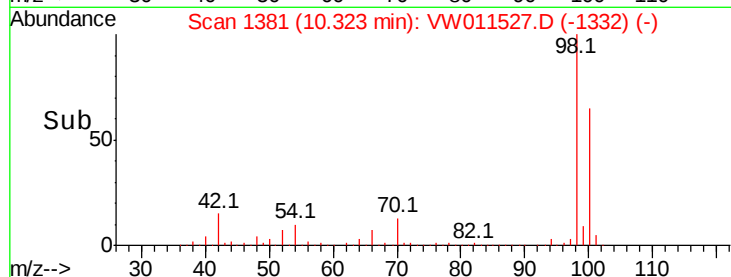
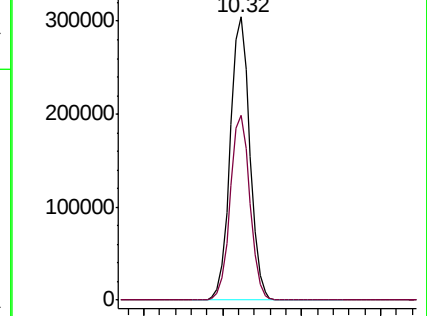
98 100

100 65.6 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: 45.651 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011527.D

Acq: 26 Jul 2019 20:07

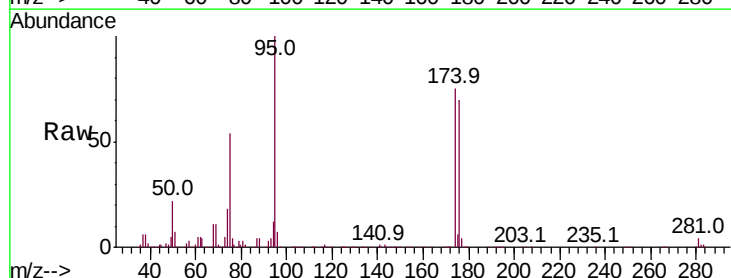
Tgt Ion: 95 Resp: 160587

Ion Ratio Lower Upper

95 100

174 77.1 0.0 150.2

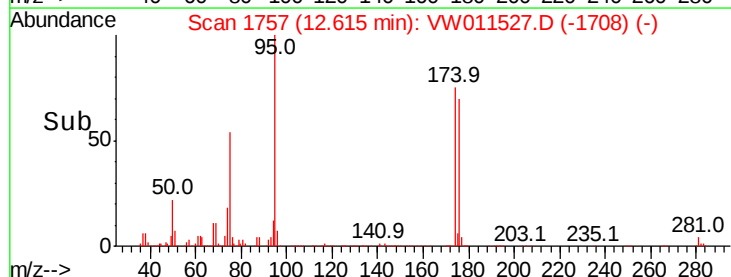
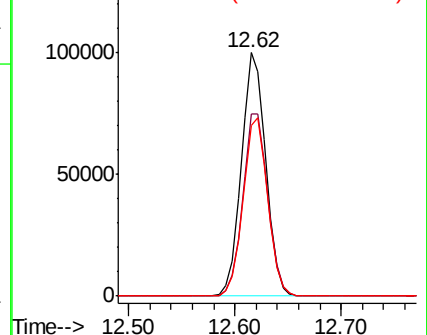
176 74.0 0.0 144.4

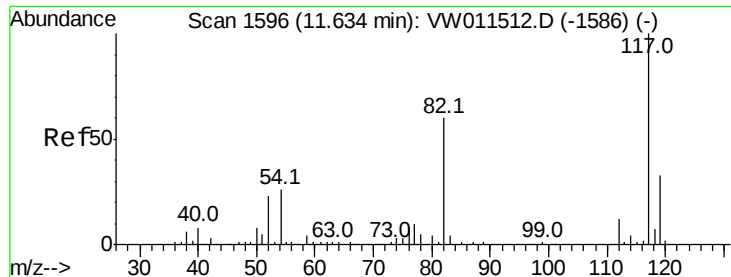


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

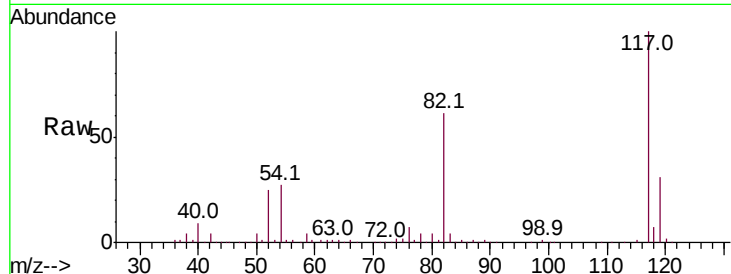




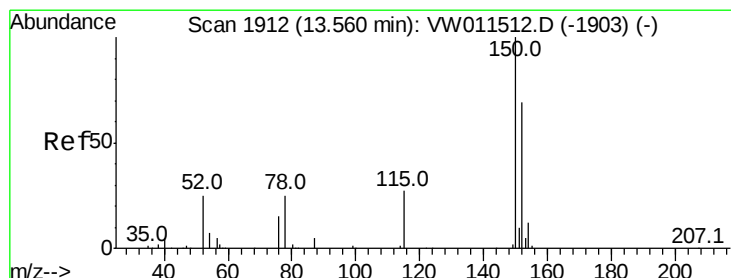
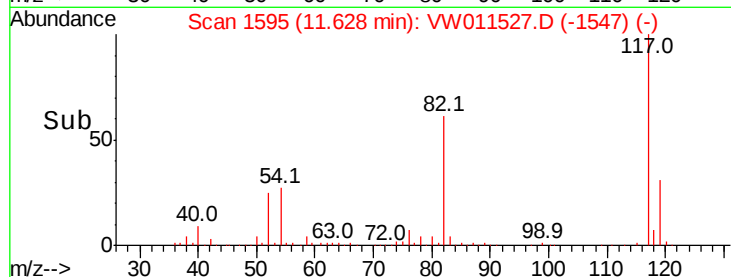
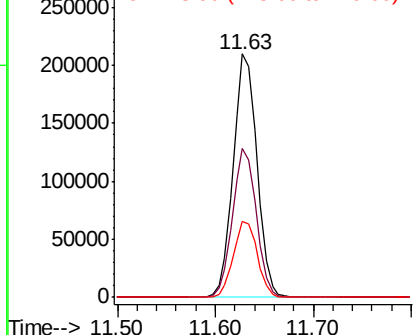
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011527.D
Acq: 26 Jul 2019 20:07

Instrument :
MSVOA_W
ClientSampleId :
CL-02-072519-E

Tot Ion:117 Resp: 354267
Ion Ratio Lower Upper
117 100
82 61.3 47.9 71.9
119 31.2 26.2 39.2

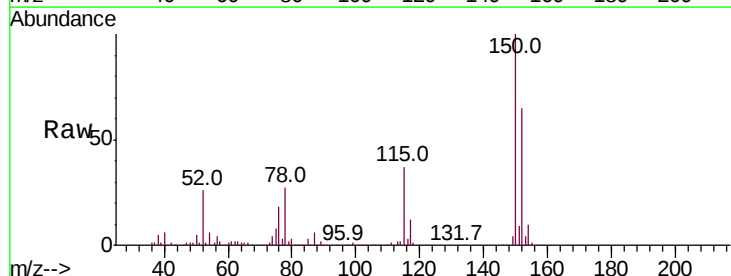


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011527.D
Acq: 26 Jul 2019 20:07

Tgt Ion:152 Resp: 135254
Ion Ratio Lower Upper
152 100
115 58.6 30.5 91.5
150 155.7 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

