

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011686.D
 Acq On : 04 Aug 2019 02:05
 Operator : SY/VA
 Sample : K4135-14
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B3-(0-1)

Quant Time: Aug 05 01:17:42 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	193058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	228374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	72976	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108100	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	7.88	113	90871	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.32	98	339568	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.62	95	89805	35.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.94%	

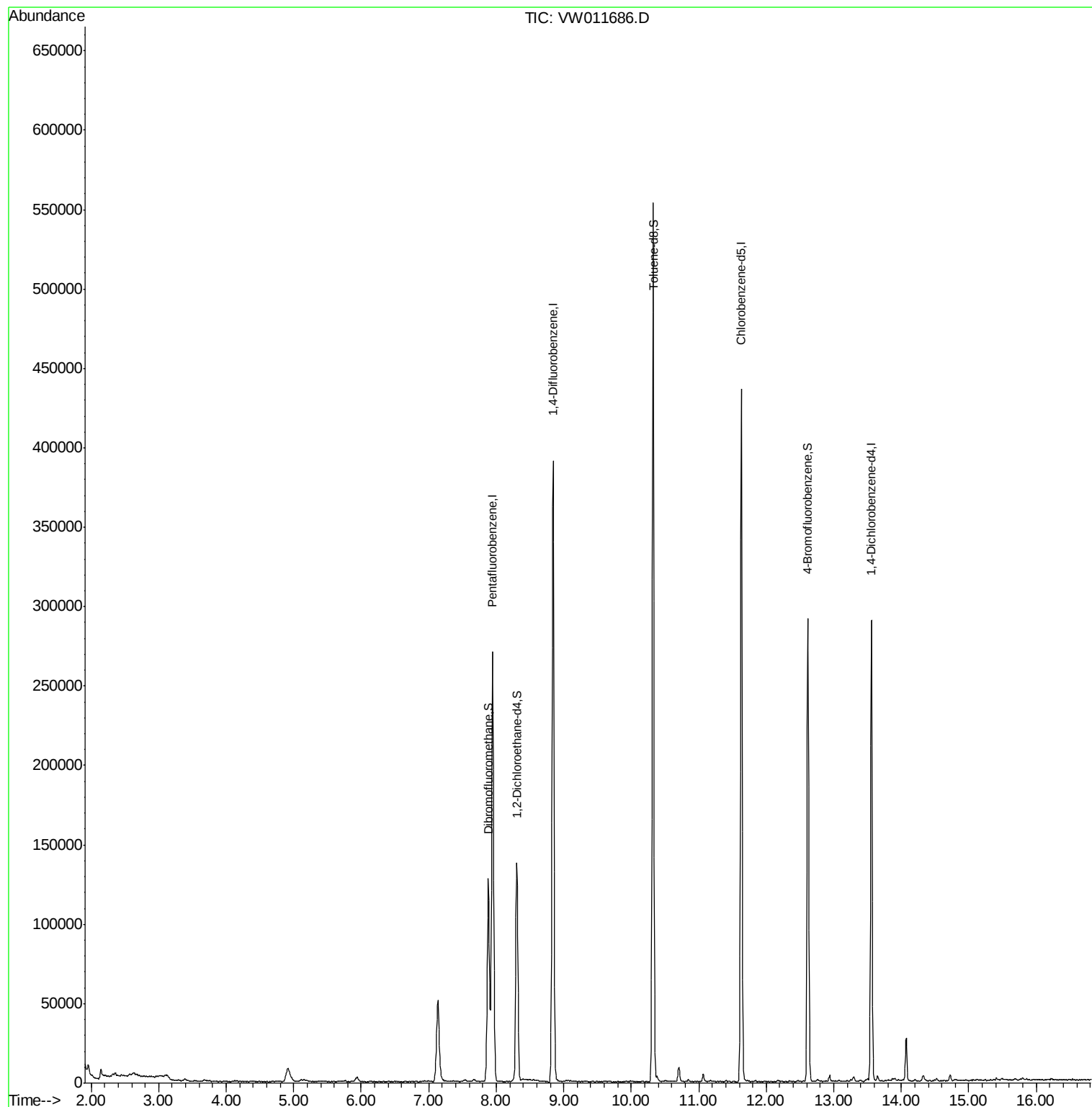
Target Compounds	Qvalue

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

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QLast Update : Sat Jul 27 00:23:30 2019
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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: VW011686.D

Acq: 04 Aug 2019 02:05

Instrument :

MSVOA_W

ClientSampleId :

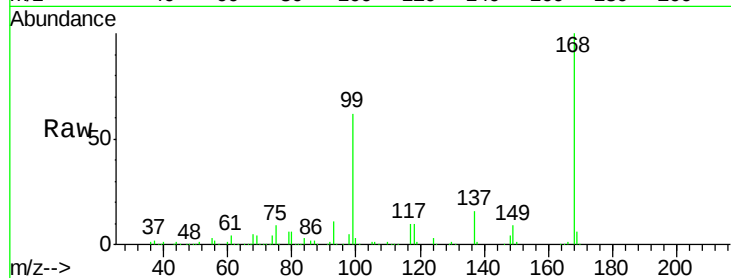
1S-B3-(0-1)

Tot Ion:168 Resp: 193058

Ion Ratio Lower Upper

168 100

99 62.4 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

80000

60000

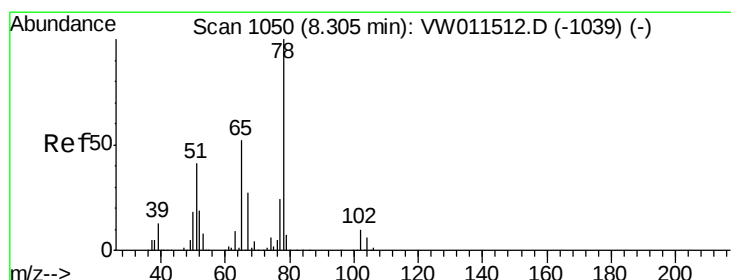
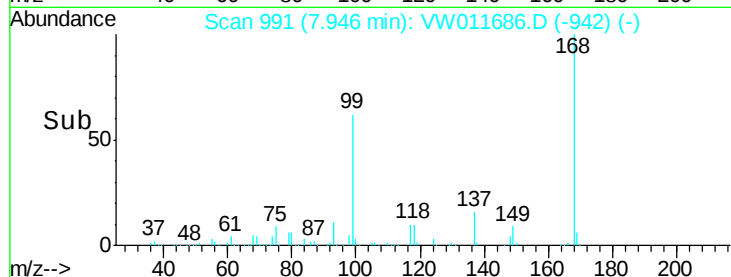
40000

20000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.763 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011686.D

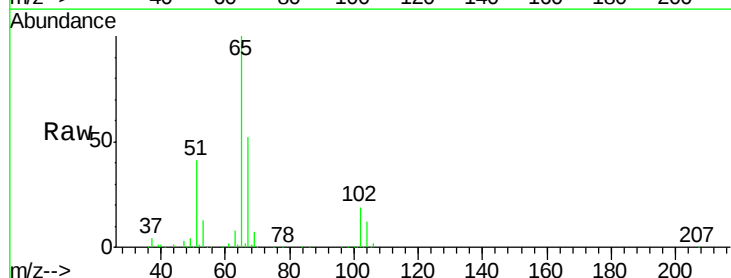
Acq: 04 Aug 2019 02:05

Tgt Ion: 65 Resp: 108100

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

8.31

50000

40000

30000

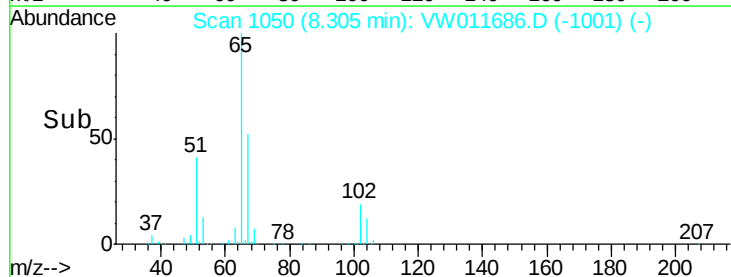
20000

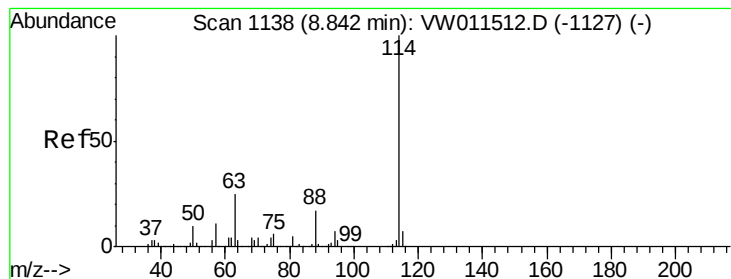
10000

0

8.20 8.25 8.30 8.35 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: VW011686.D

Acq: 04 Aug 2019 02:05

Instrument :

MSVOA_W

ClientSampleId :

1S-B3-(0-1)

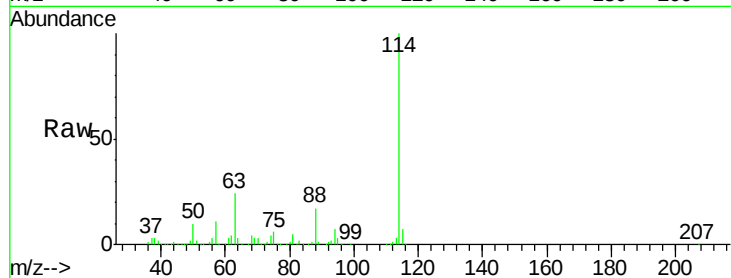
Tot Ion:114 Resp: 304843

Ion Ratio Lower Upper

114 100

63 23.5 0.0 49.2

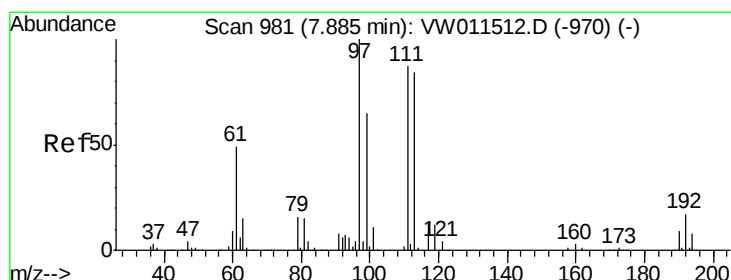
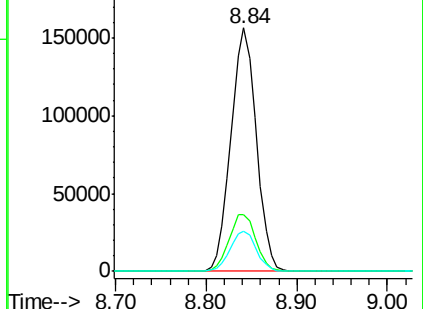
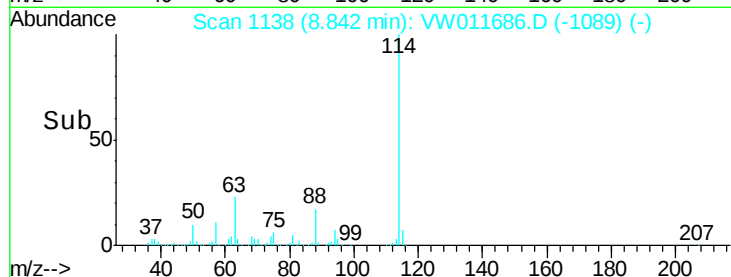
88 16.6 0.0 33.8



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: 53.134 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011686.D

Acq: 04 Aug 2019 02:05

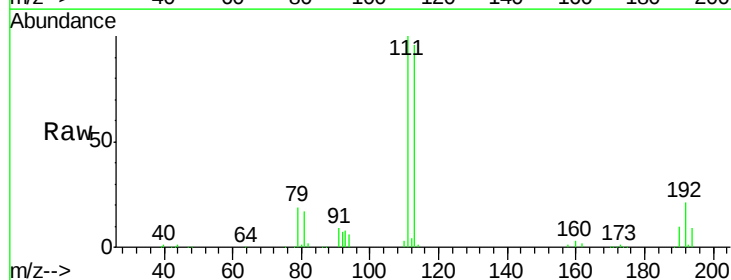
Tgt Ion:113 Resp: 90871

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

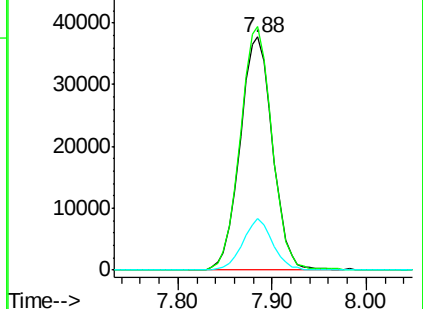
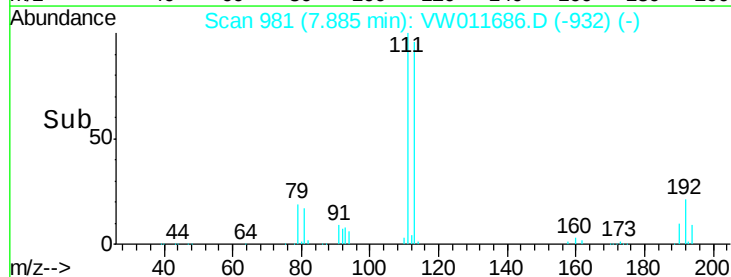
192 20.3 16.1 24.1

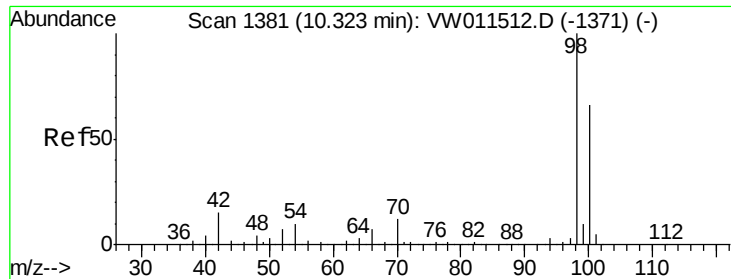


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.495 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011686.D

Acq: 04 Aug 2019 02:05

Instrument :

MSVOA_W

ClientSampleId :

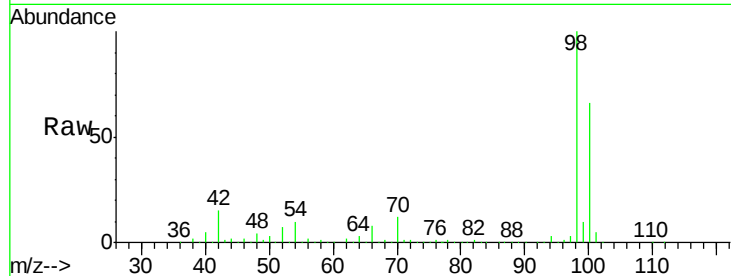
1S-B3-(0-1)

Tot Ion: 98 Resp: 339568

Ion Ratio Lower Upper

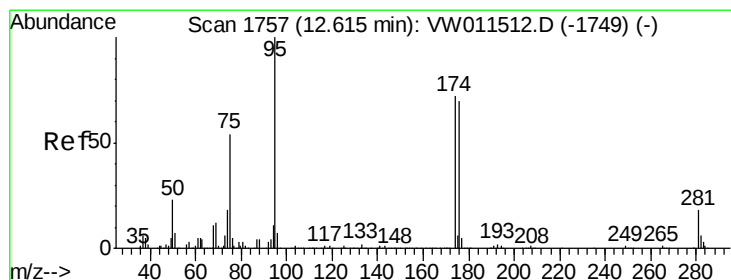
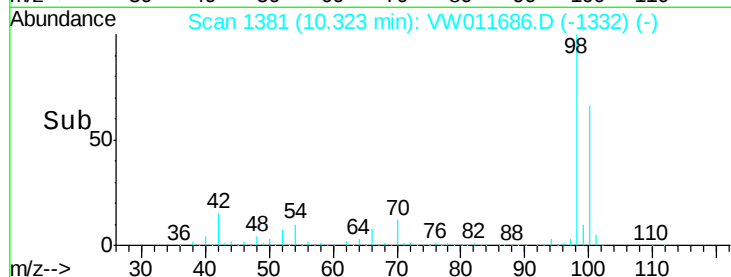
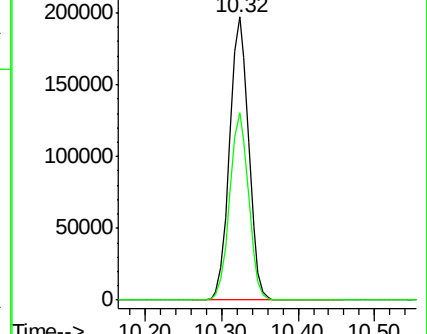
98 100

100 65.4 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: 35.974 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011686.D

Acq: 04 Aug 2019 02:05

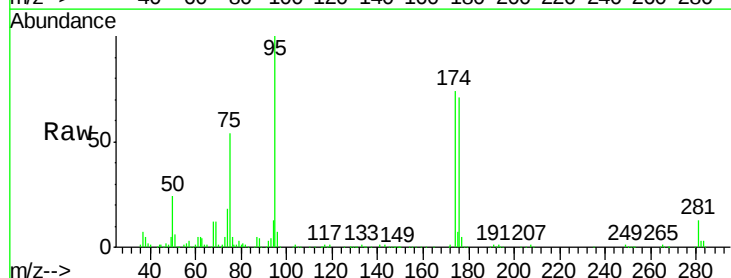
Tgt Ion: 95 Resp: 89805

Ion Ratio Lower Upper

95 100

174 77.1 0.0 150.2

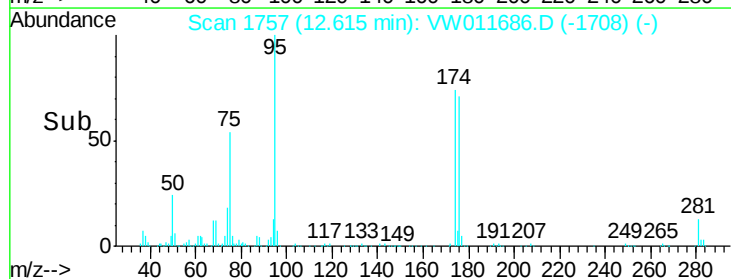
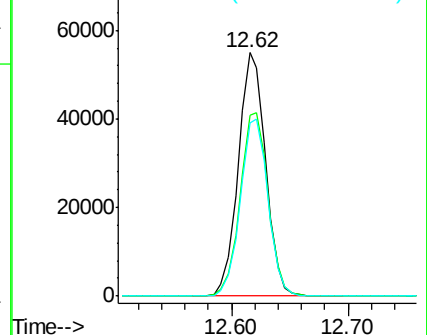
176 73.5 0.0 144.4

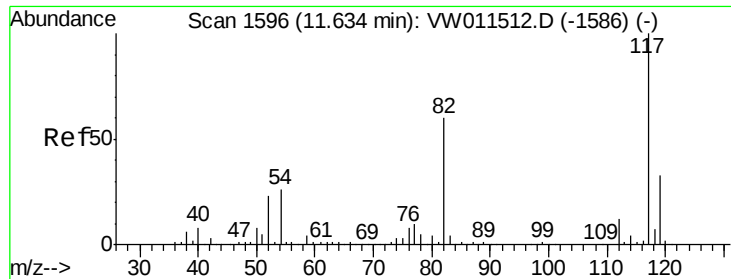


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

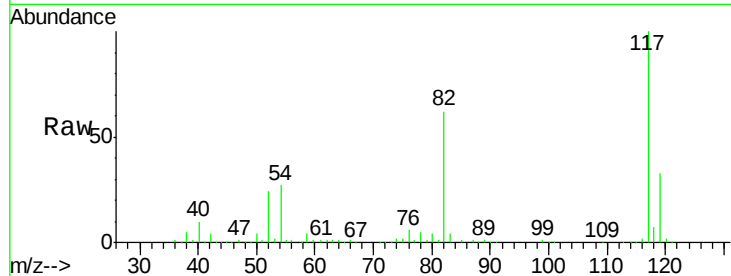




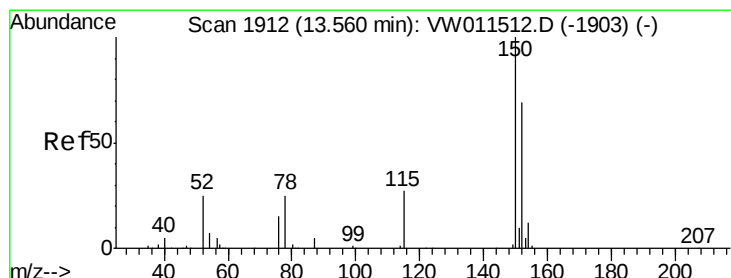
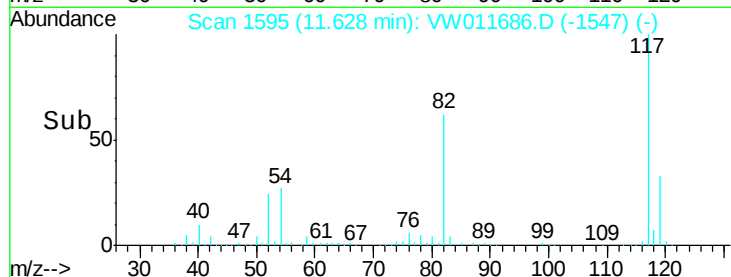
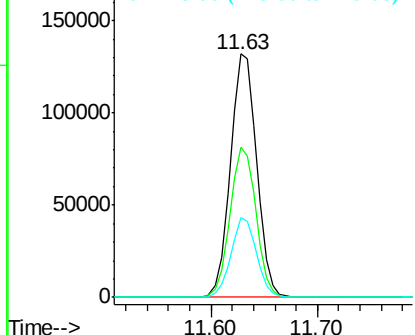
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011686.D
Acq: 04 Aug 2019 02:05

Instrument :
MSVOA_W
ClientSampleId :
1S-B3-(0-1)

Tot Ion:117 Resp: 228374
Ion Ratio Lower Upper
117 100
82 61.9 47.9 71.9
119 32.8 26.2 39.2

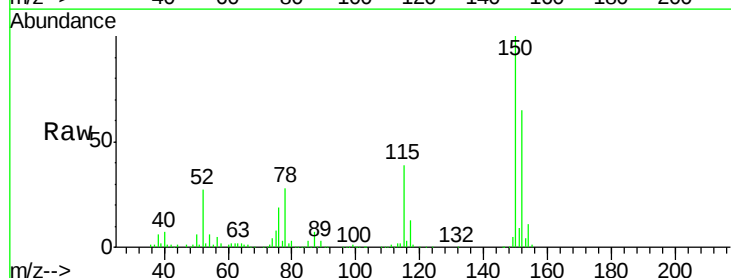


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011686.D
Acq: 04 Aug 2019 02:05

Tgt Ion:152 Resp: 72976
Ion Ratio Lower Upper
152 100
115 61.2 30.5 91.5
150 159.9 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

