

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011942.D
 Acq On : 15 Aug 2019 21:18
 Operator : SY/VA
 Sample : K4354-03
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-03-081319

Quant Time: Aug 16 05:20:54 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	206537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114480	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136591	57.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.18%	
35) Dibromofluoromethane	7.88	113	106728	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
50) Toluene-d8	10.32	98	419952	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
62) 4-Bromofluorobenzene	12.62	95	135329	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

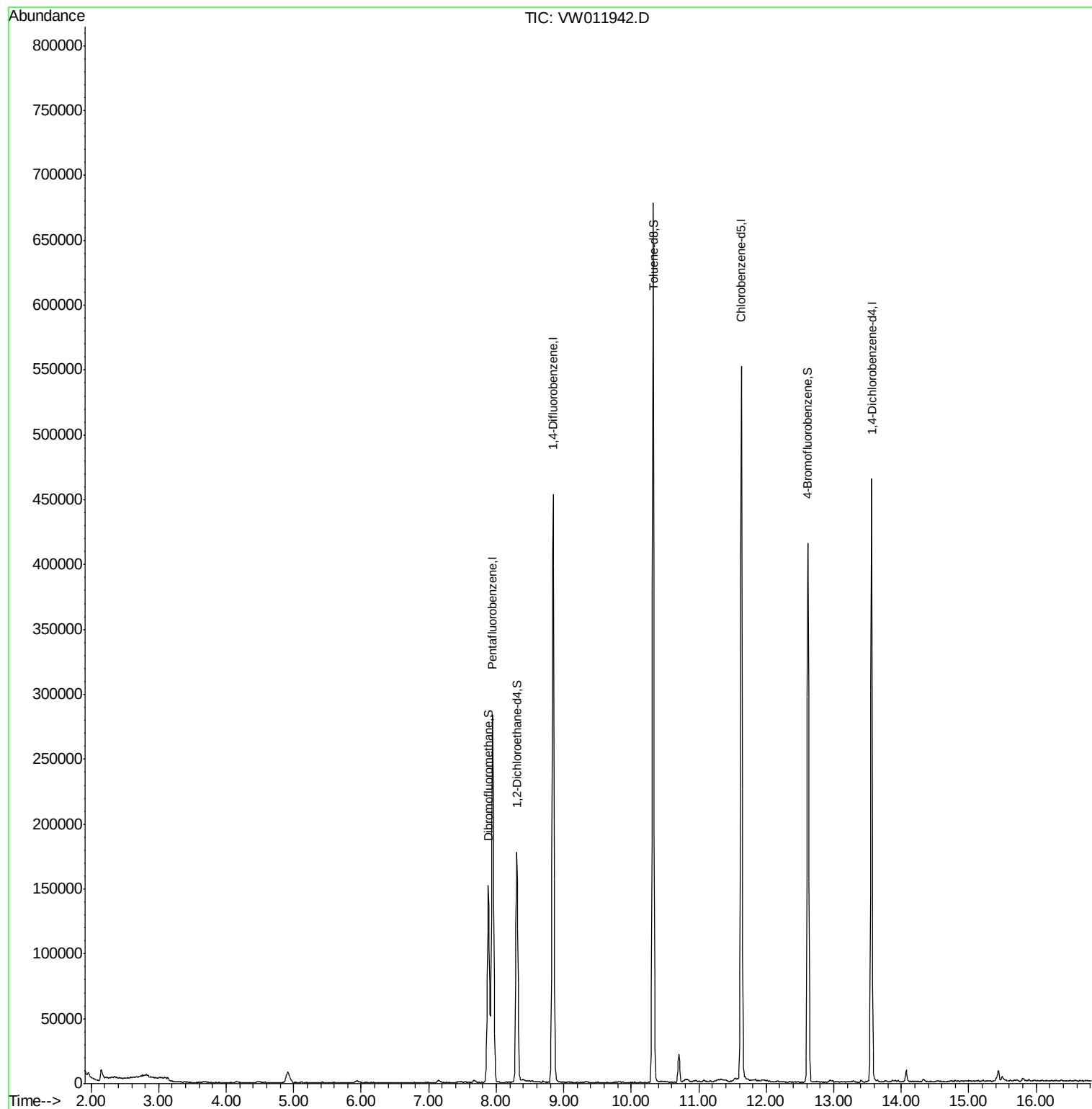
Target Compounds	Qvalue

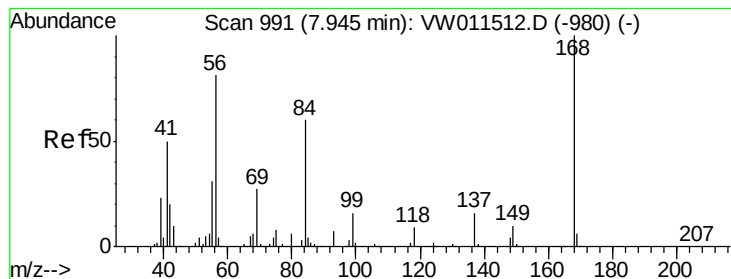
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081619\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011942.D

Acq: 15 Aug 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

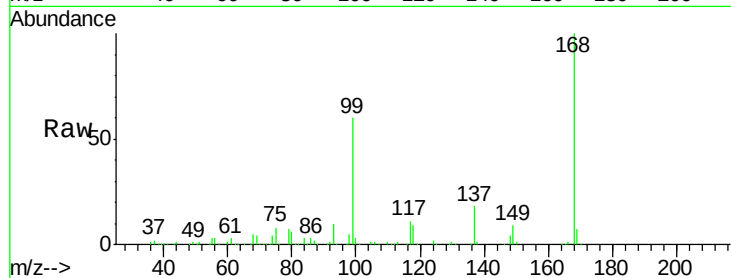
PX-03-081319

Tot Ion:168 Resp: 206537

Ion Ratio Lower Upper

168 100

99 60.3 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

100000

80000

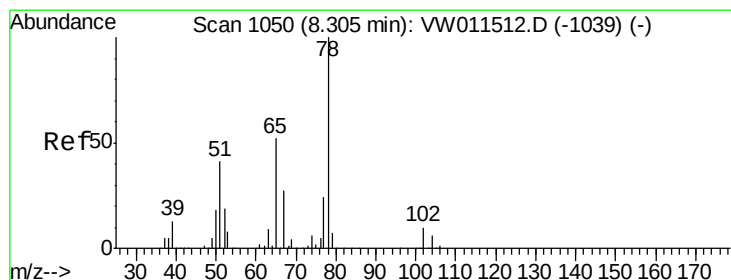
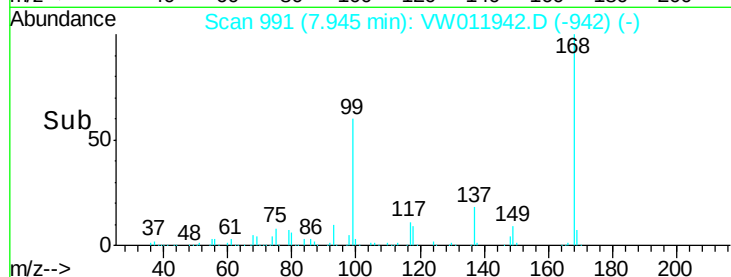
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.594 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011942.D

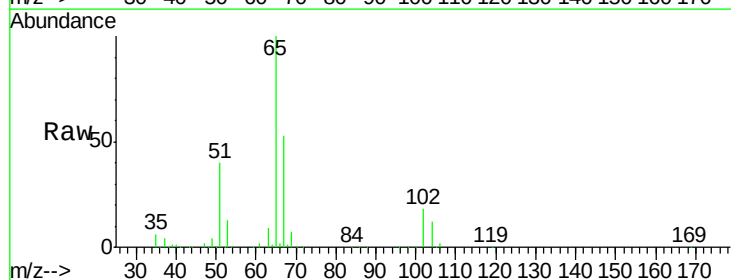
Acq: 15 Aug 2019 21:18

Tgt Ion: 65 Resp: 136591

Ion Ratio Lower Upper

65 100

67 52.5 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

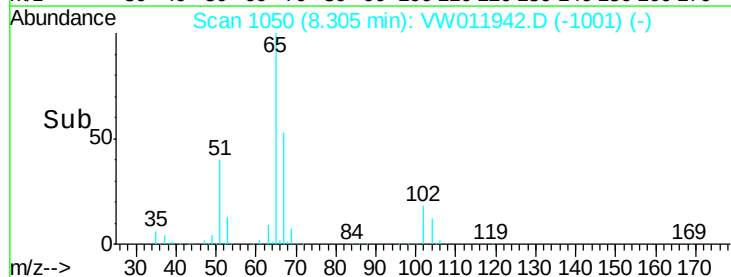
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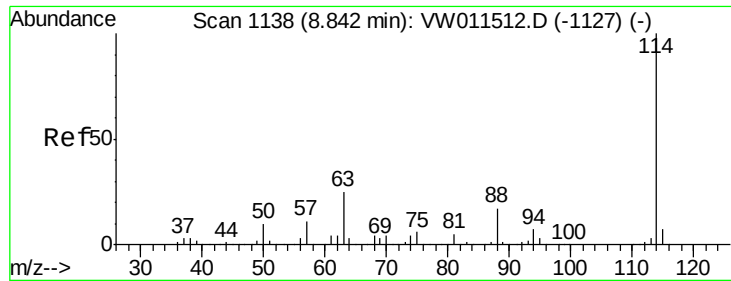
40000

20000

0

Time-->

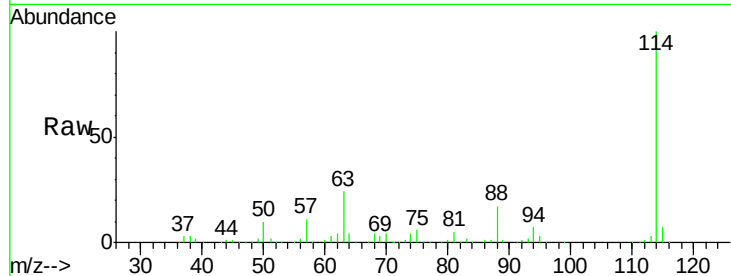




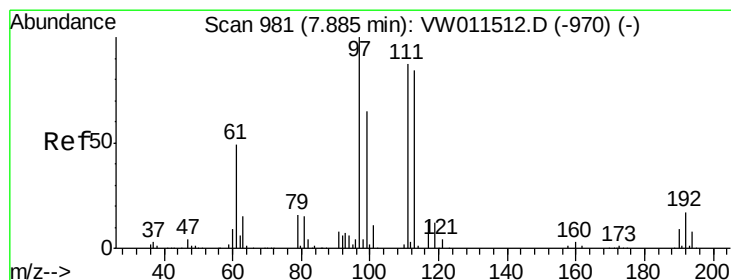
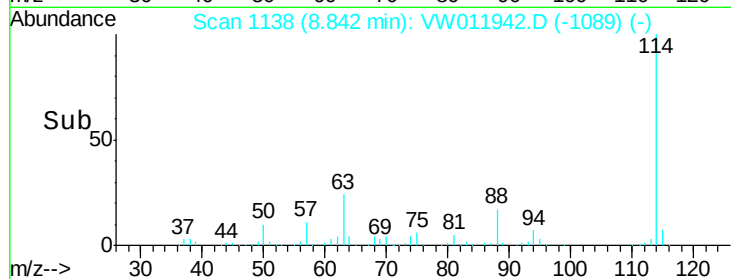
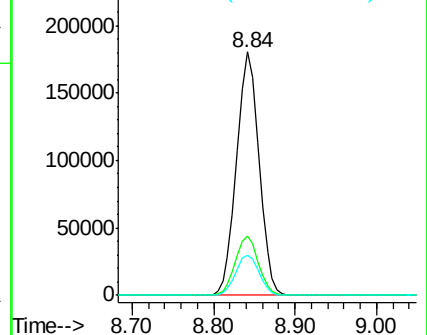
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011942.D
 Acq: 15 Aug 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-03-081319

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	49.2
88	16.6	0.0	33.8

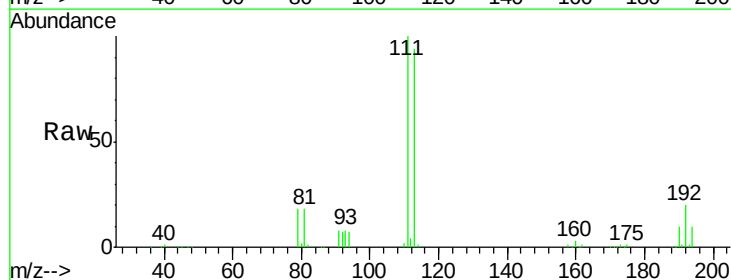


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

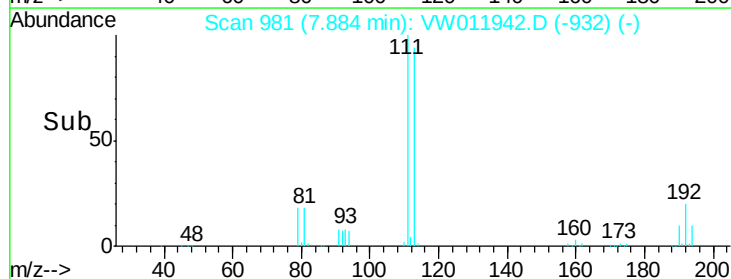
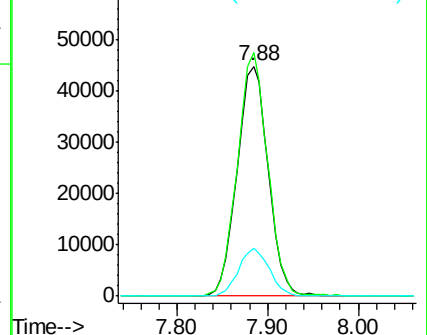


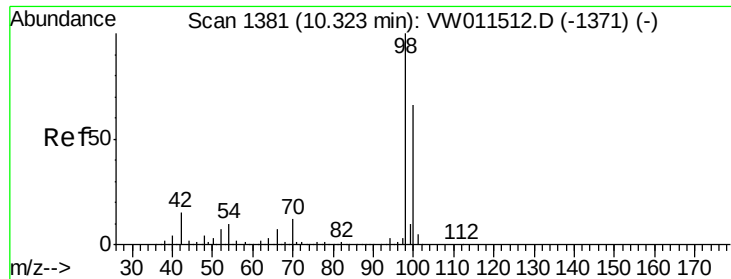
#35
 Dibromofluoromethane
 Concen: 55.564 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011942.D
 Acq: 15 Aug 2019 21:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	20.4	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: 53.400 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011942.D

Acq: 15 Aug 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

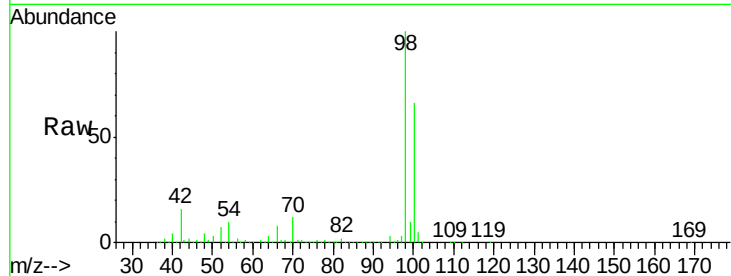
PX-03-081319

Tot Ion: 98 Resp: 419952

Ion Ratio Lower Upper

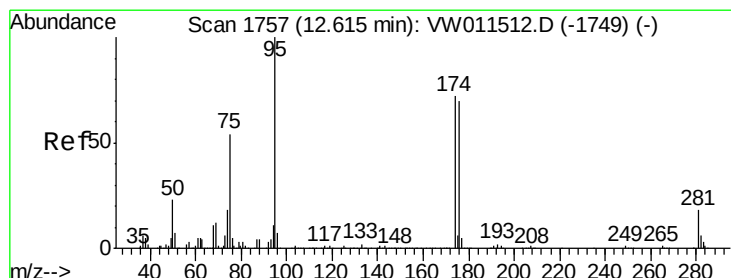
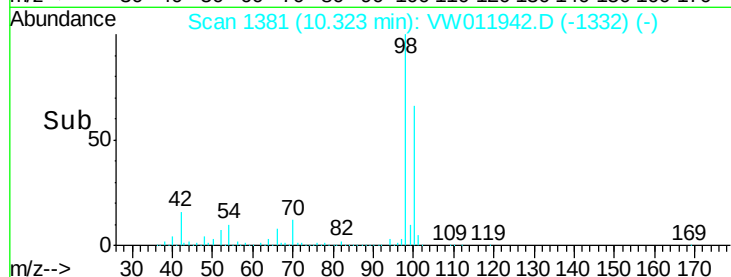
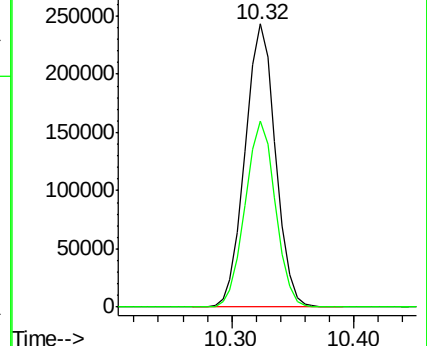
98 100

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: 48.267 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011942.D

Acq: 15 Aug 2019 21:18

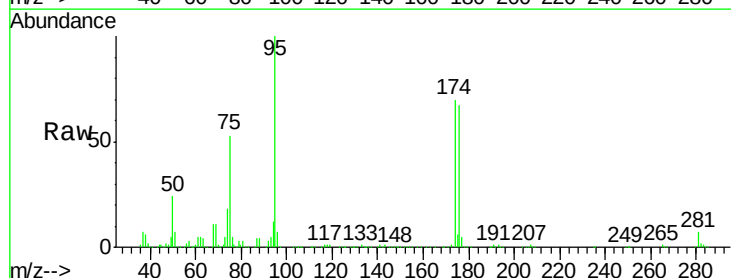
Tgt Ion: 95 Resp: 135329

Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.2

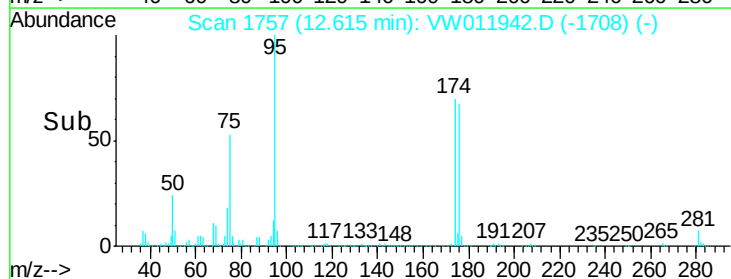
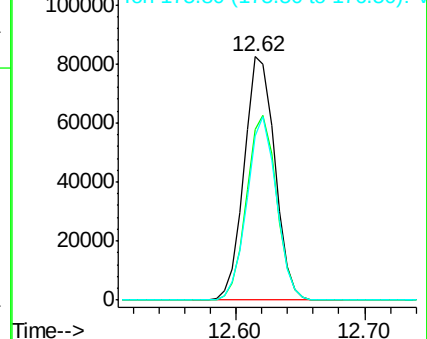
176 72.3 0.0 144.4

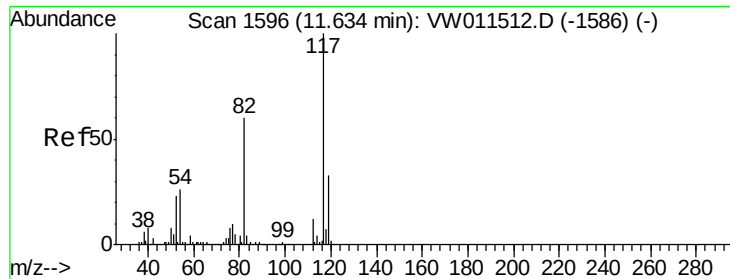


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

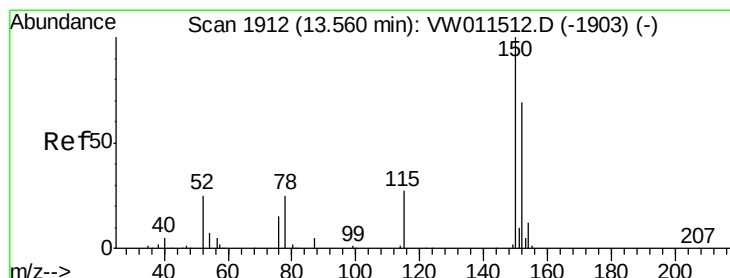
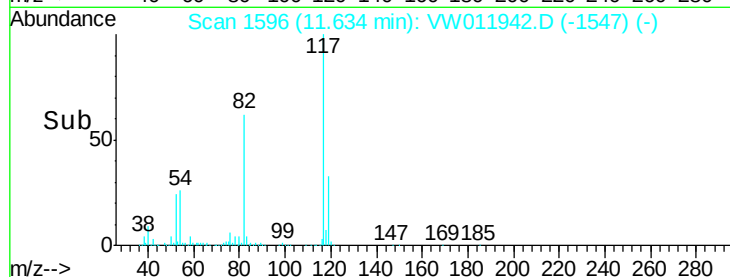
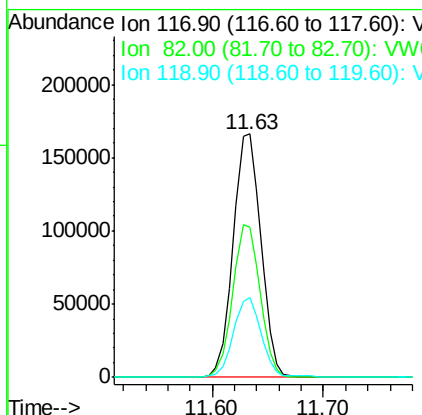
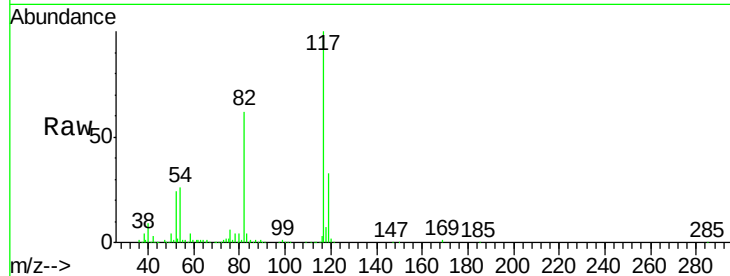




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011942.D
Acq: 15 Aug 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
PX-03-081319

Tot Ion:117 Resp: 287116
Ion Ratio Lower Upper
117 100
82 61.8 47.9 71.9
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011942.D
Acq: 15 Aug 2019 21:18

Tgt Ion:152 Resp: 114480
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 156.8 0.0 352.6

