

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007676.D
 Acq On : 19 Dec 2018 01:05
 Operator : SY/AP
 Sample : VW1220SBL02
 Misc : 4.77G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBL02

Quant Time: Dec 19 05:54:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	50001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35828	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	32329	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	10.32	98	116448	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
62) 4-Bromofluorobenzene	12.62	95	44152	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	

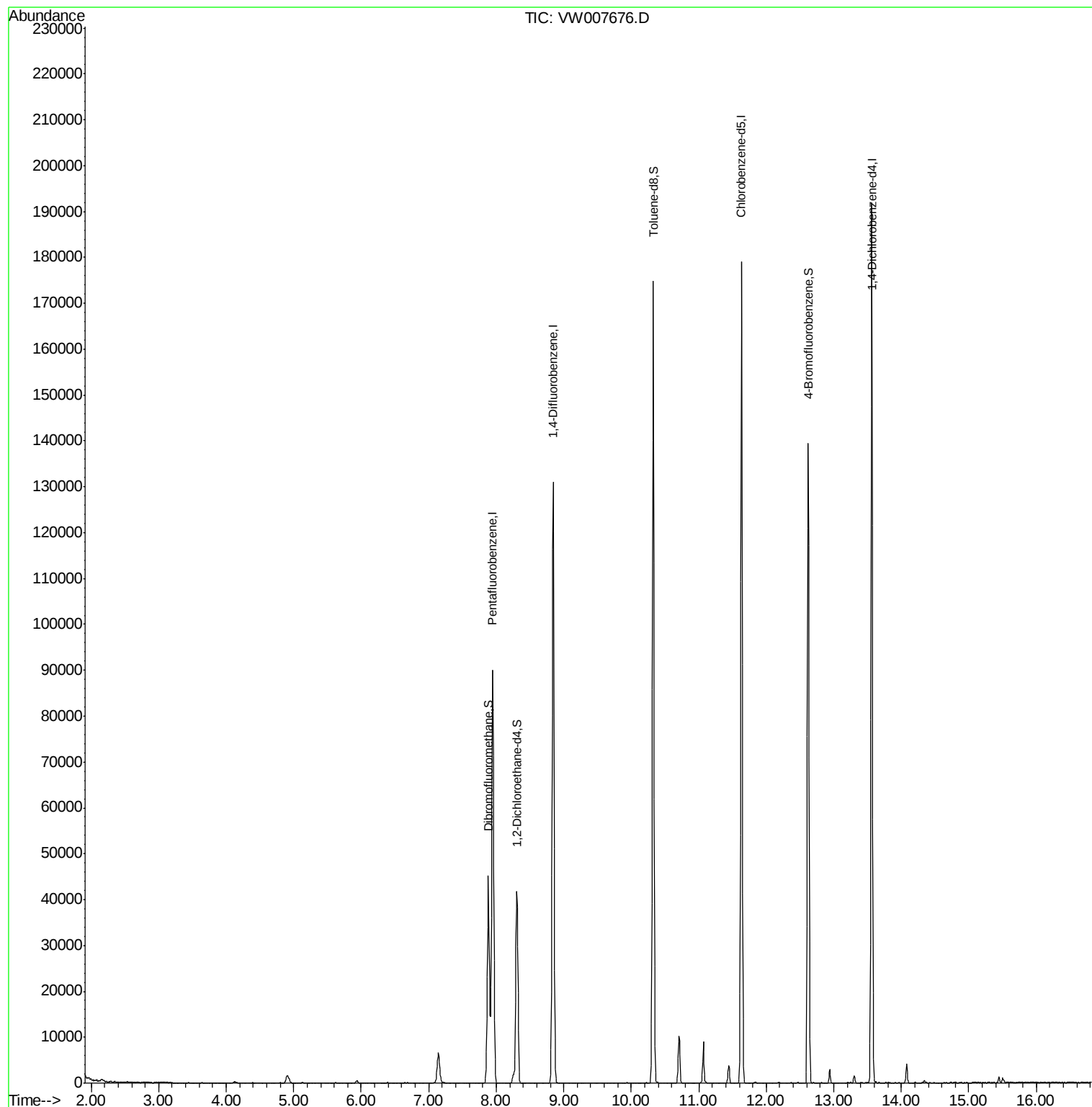
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 02:58:16 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007676.D

Acq: 19 Dec 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

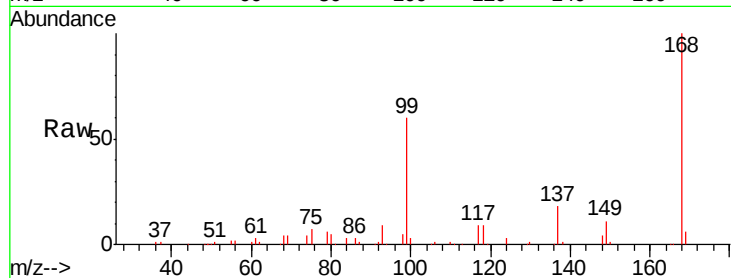
VW1220SBL02

Tgt Ion:168 Resp: 66692

Ion Ratio Lower Upper

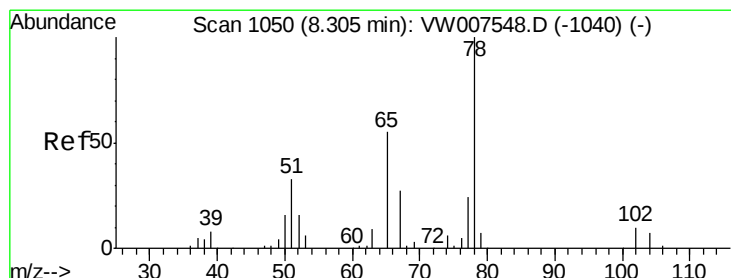
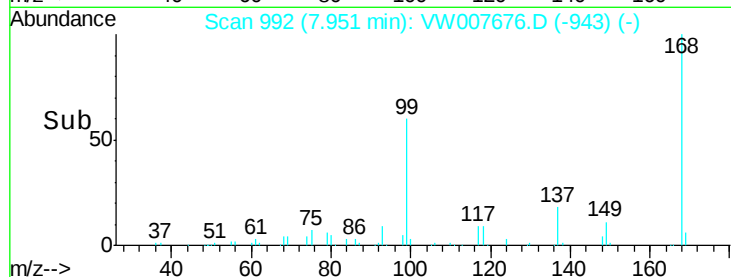
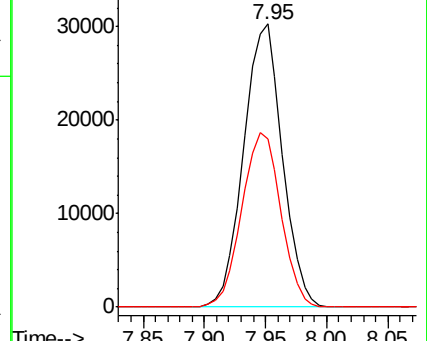
168 100

99 59.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 48.423 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007676.D

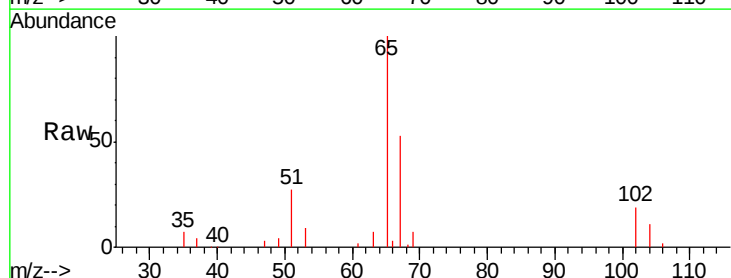
Acq: 19 Dec 2018 01:05

Tgt Ion: 65 Resp: 35828

Ion Ratio Lower Upper

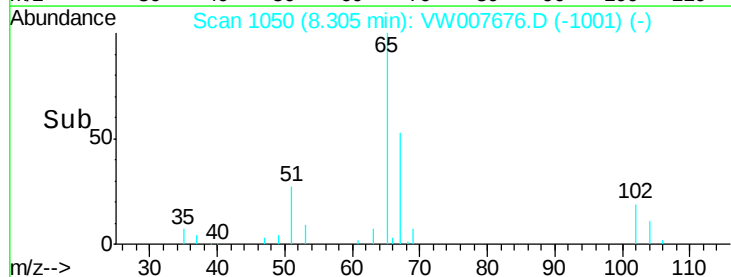
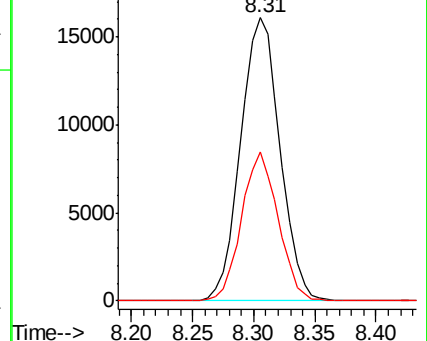
65 100

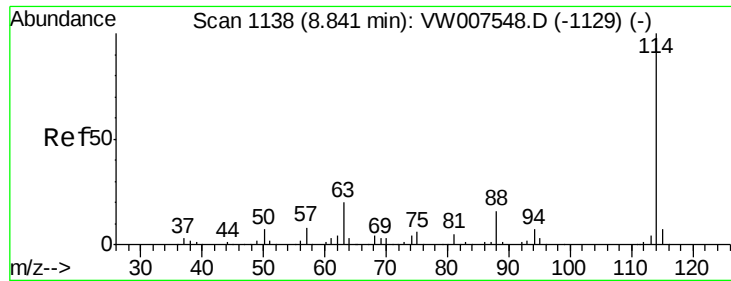
67 48.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

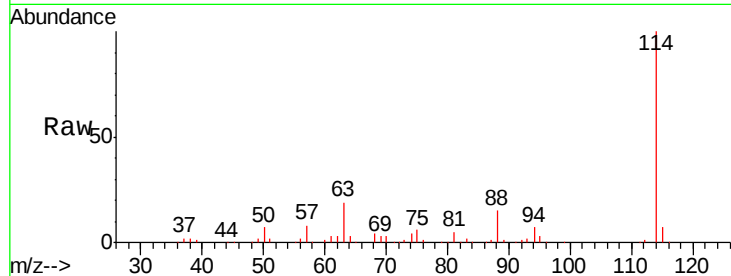




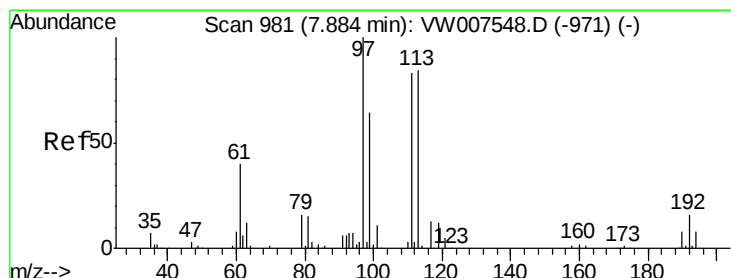
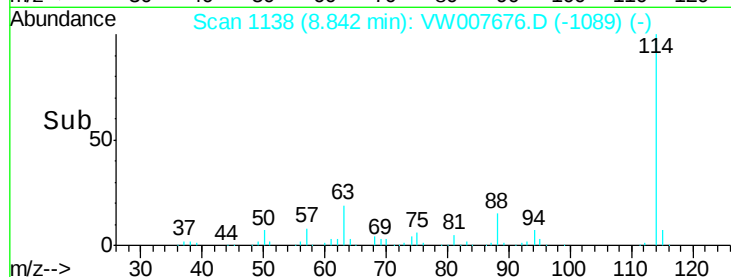
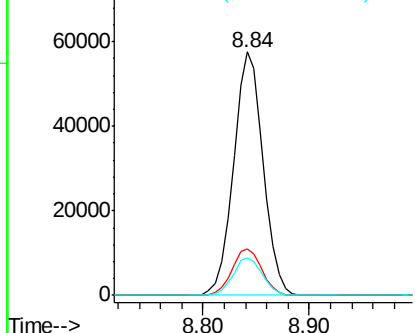
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007676.D
 Acq: 19 Dec 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBL02

Tgt Ion:114 Resp: 111660
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 15.2 0.0 31.4

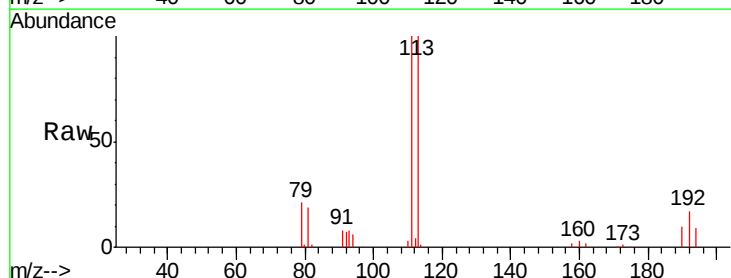


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

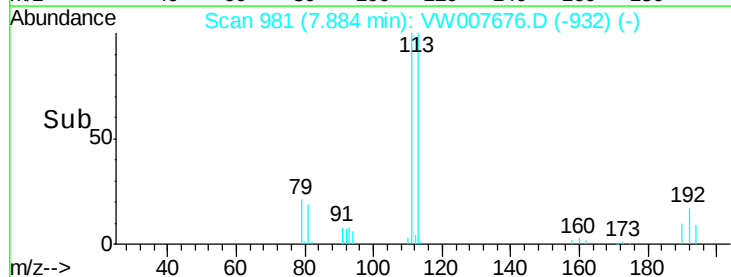
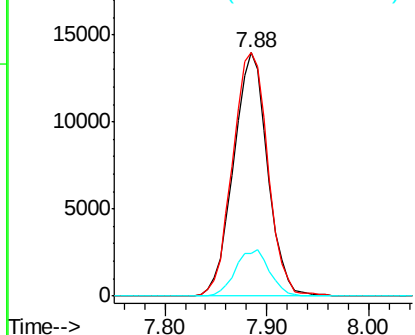


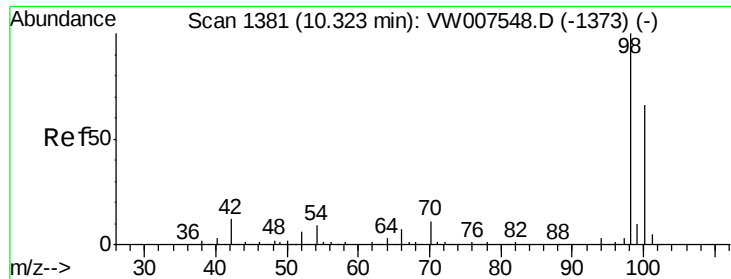
#35
 Dibromofluoromethane
 Concen: 47.829 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007676.D
 Acq: 19 Dec 2018 01:05

Tgt Ion:113 Resp: 32329
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.1 121.7
 192 18.8 14.6 21.8



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: 45.948 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007676.D

Acq: 19 Dec 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

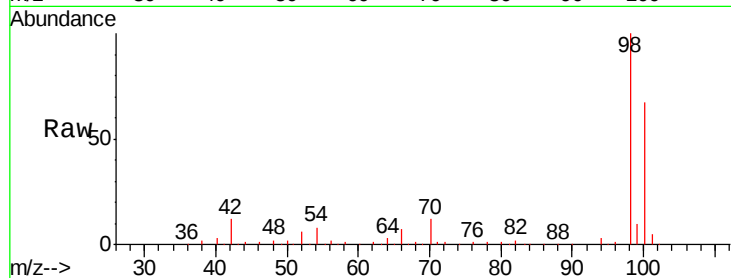
VW1220SBL02

Tgt Ion: 98 Resp: 116448

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

60000

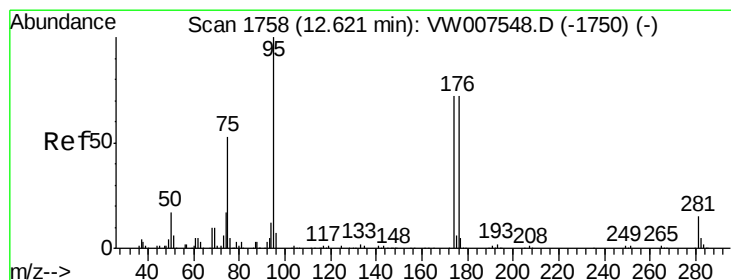
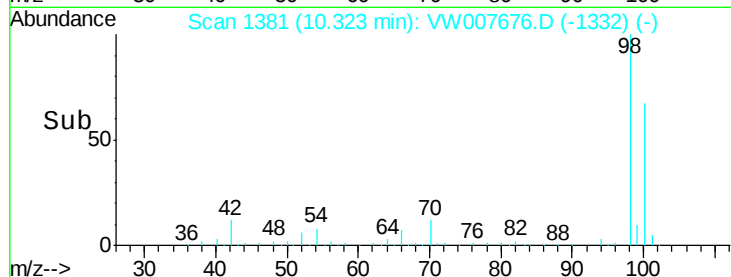
40000

20000

0

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 47.383 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007676.D

Acq: 19 Dec 2018 01:05

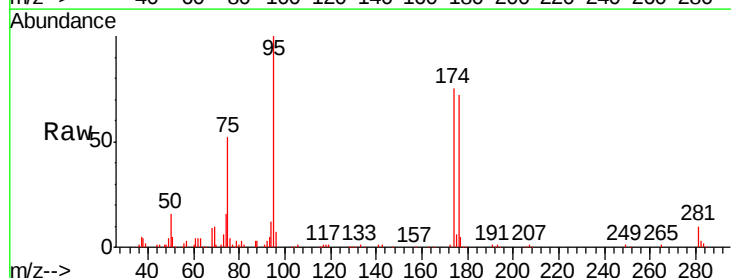
Tgt Ion: 95 Resp: 44152

Ion Ratio Lower Upper

95 100

174 77.5 0.0 147.2

176 74.0 0.0 138.8



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

12.62

30000

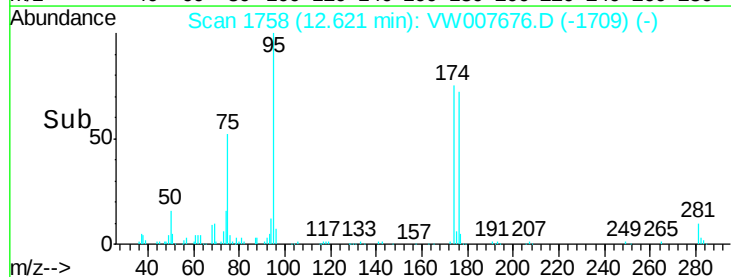
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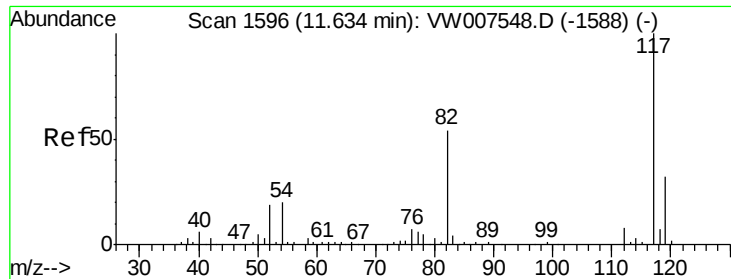
10000

0

12.55 12.60 12.65 12.70

Time-->

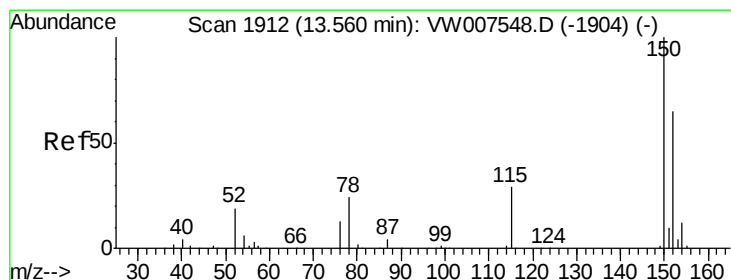
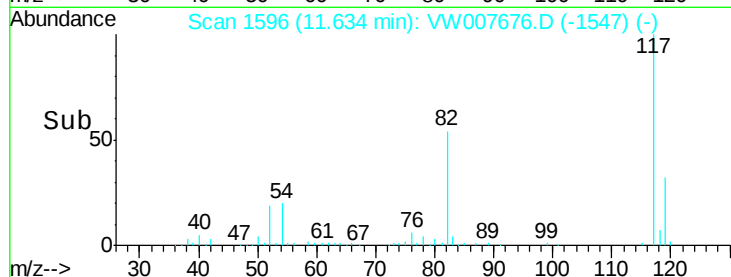
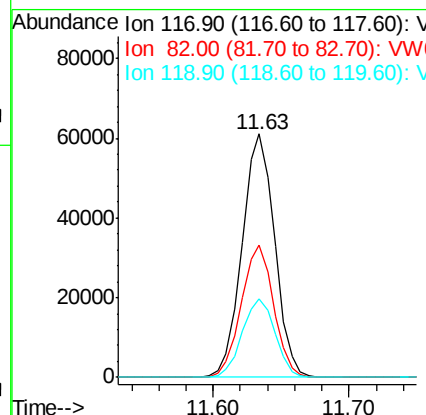
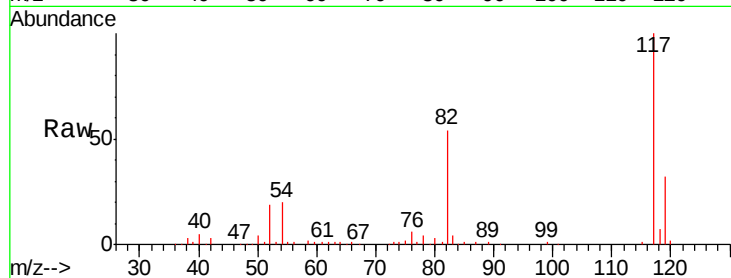




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007676.D
Acq: 19 Dec 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBL02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.3	63.5
119	32.2	23.0	34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007676.D
Acq: 19 Dec 2018 01:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	31.4	94.2
150	156.6	0.0	358.4

