

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008863.D
 Acq On : 27 Feb 2019 19:03
 Operator : SY/VA
 Sample : K1638-05
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PE-5(BELOW-EXPOSED-PIPE)

Quant Time: Feb 28 07:48:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	18032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	24933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8258	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11310	66.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.74%	
35) Dibromofluoromethane	7.88	113	9445	63.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.18%	
50) Toluene-d8	10.32	98	30543	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.62	95	9440	41.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.44%	

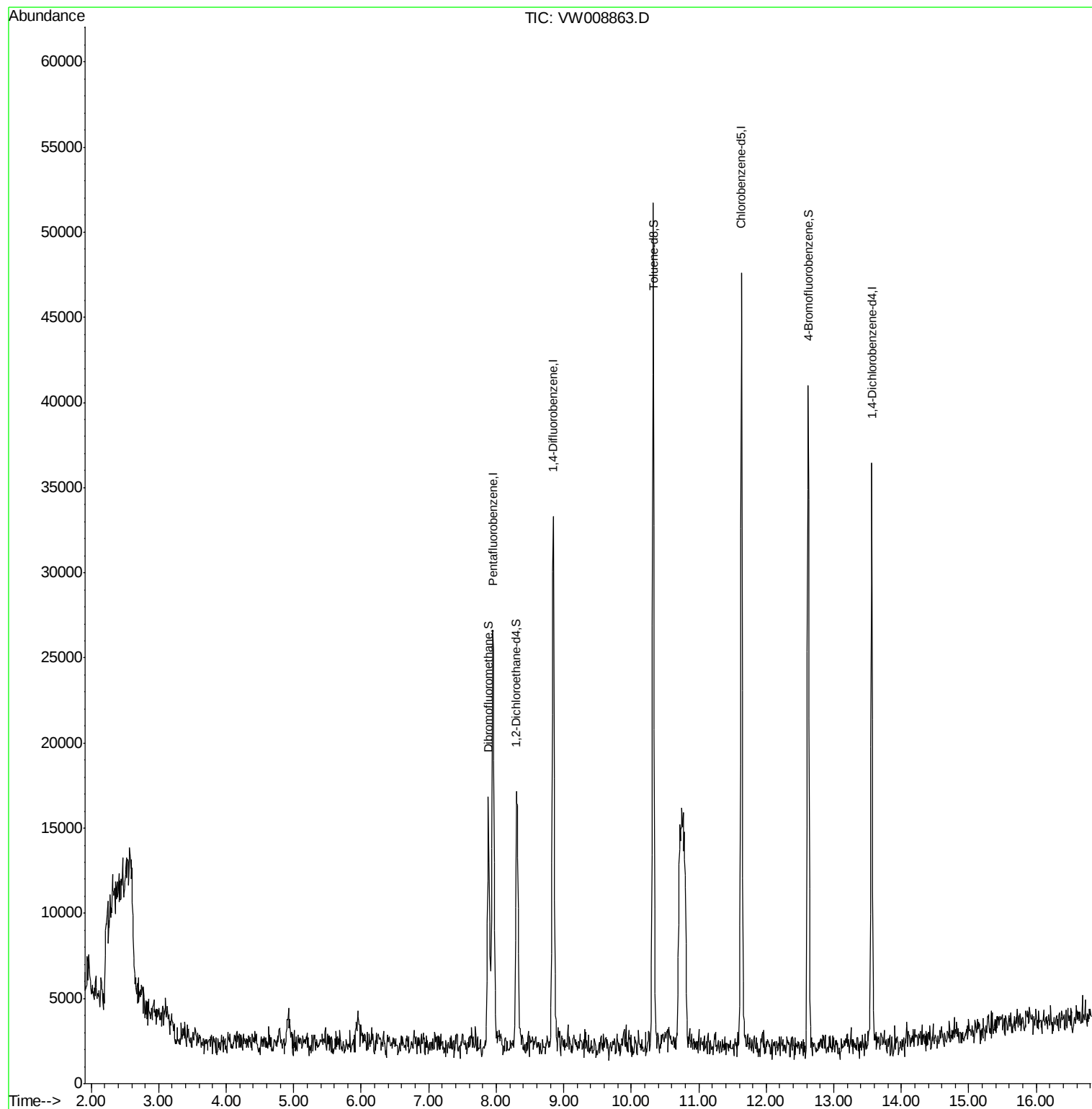
Target Compounds	Qvalue

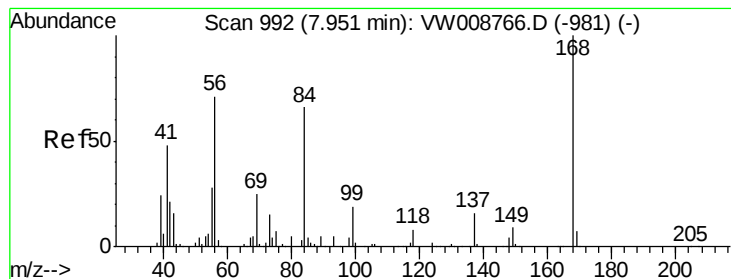
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008863.D

Acq: 27 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

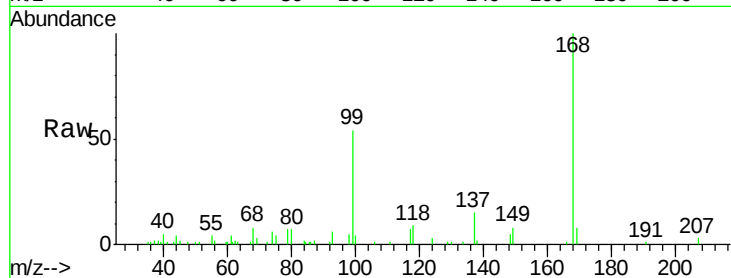
PE-5(BELOW-EXPOSED-PIPE)

Tot Ion:168 Resp: 18032

Ion Ratio Lower Upper

168 100

99 53.5 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

8000

6000

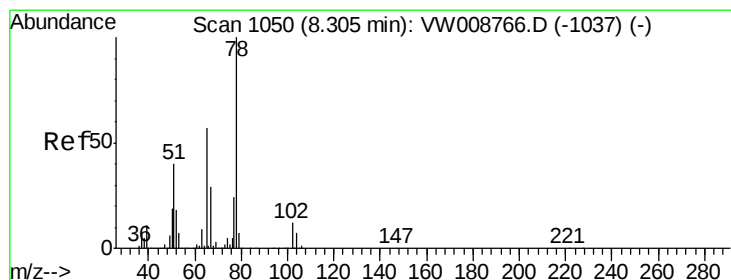
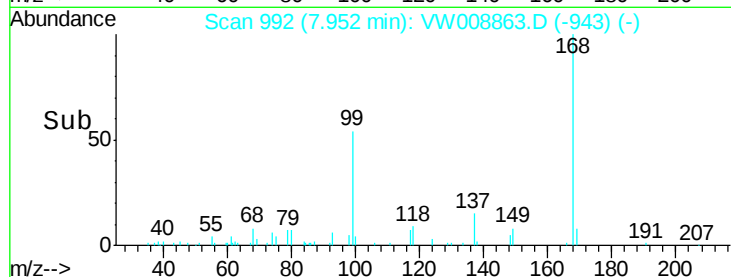
4000

2000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 66.874 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008863.D

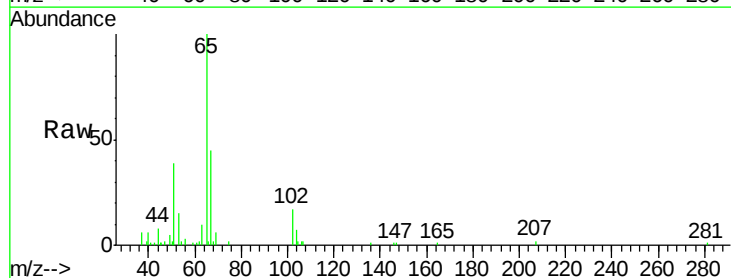
Acq: 27 Feb 2019 19:03

Tgt Ion: 65 Resp: 11310

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

6000

5000

4000

3000

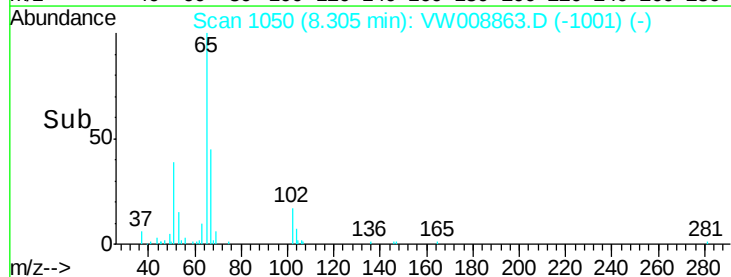
2000

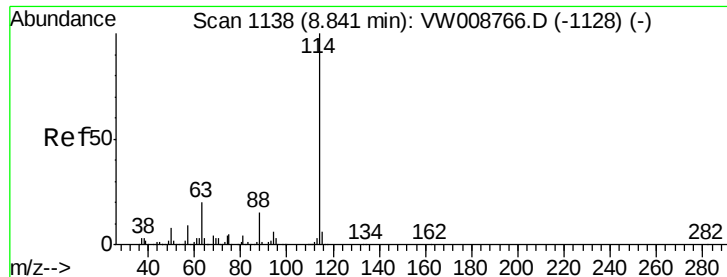
1000

0

8.20 8.25 8.30 8.35 8.40

Time-->

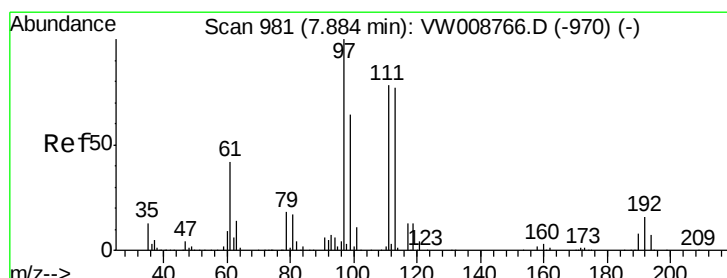
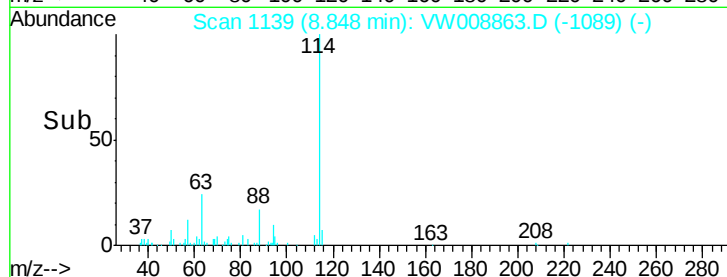
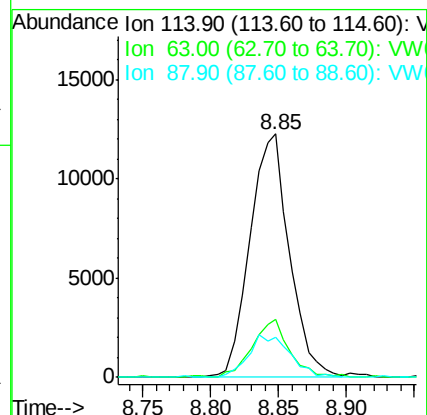
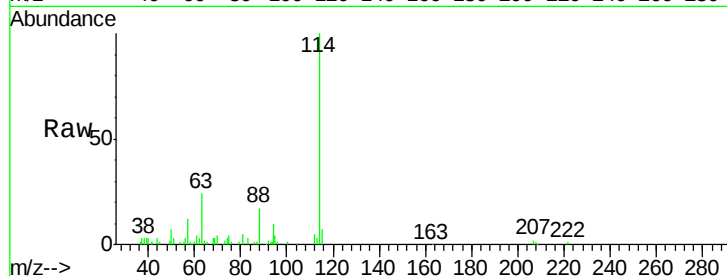




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW008863.D
 Acq: 27 Feb 2019 19:03

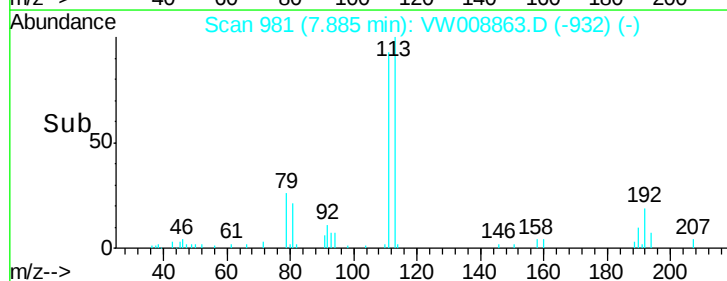
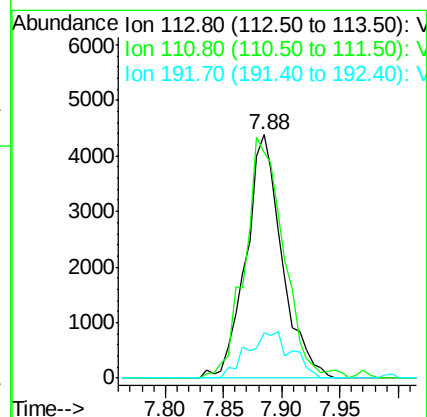
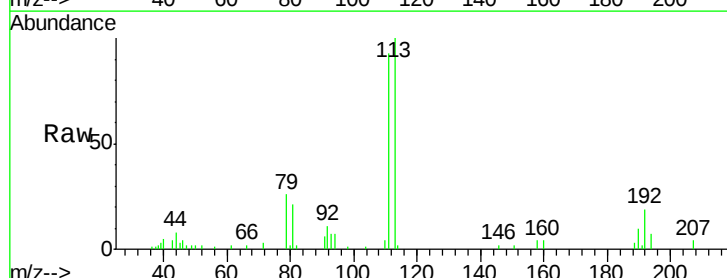
Instrument :
 MSVOA_W
 ClientSampleId :
 PE-5(BELOW-EXPOSED-PIPE)

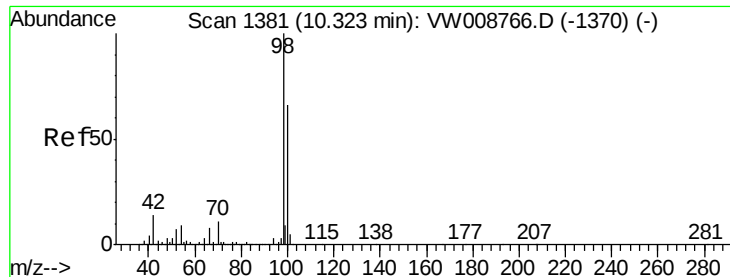
Tot Ion:114 Resp: 24933
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 40.8
 88 16.6 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 63.093 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008863.D
 Acq: 27 Feb 2019 19:03

Tgt Ion:113 Resp: 9445
 Ion Ratio Lower Upper
 113 100
 111 106.5 81.9 122.9
 192 23.1 17.1 25.7





#50

Toluene-d8

Concen: 52.853 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008863.D

Acq: 27 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

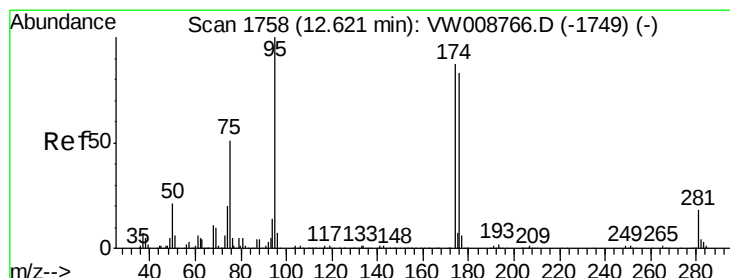
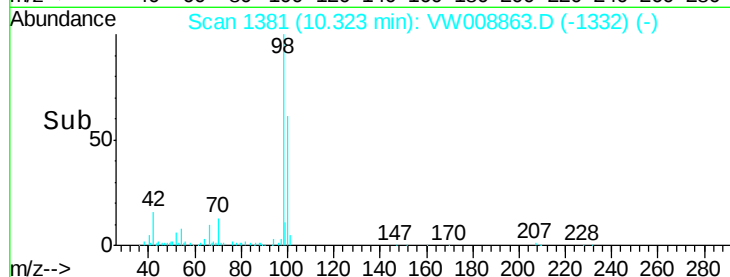
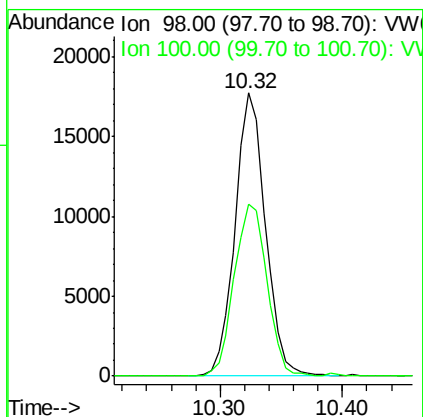
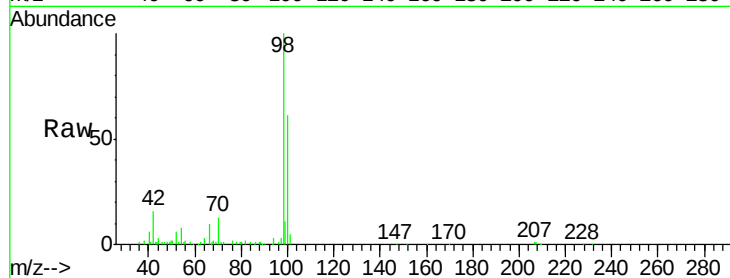
PE-5(BELOW-EXPOSED-PIPE)

Tot Ion: 98 Resp: 30543

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 41.720 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008863.D

Acq: 27 Feb 2019 19:03

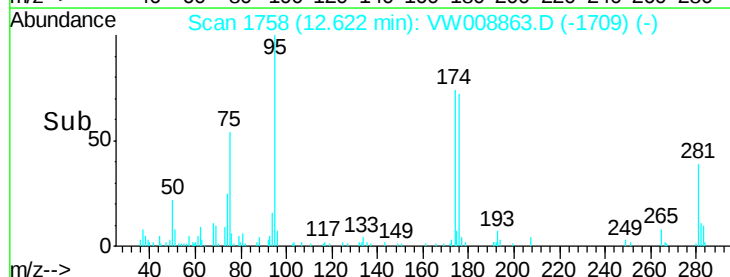
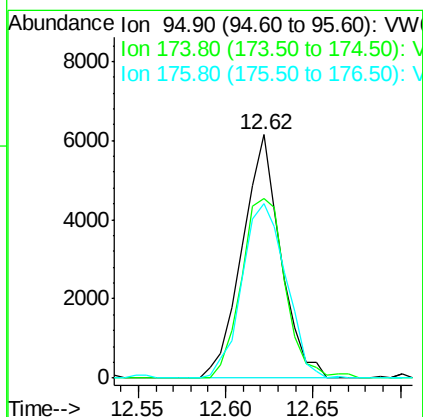
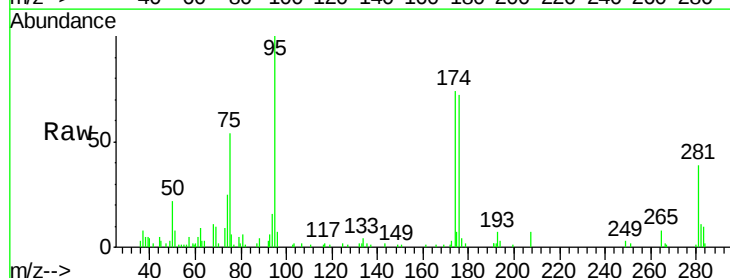
Tgt Ion: 95 Resp: 9440

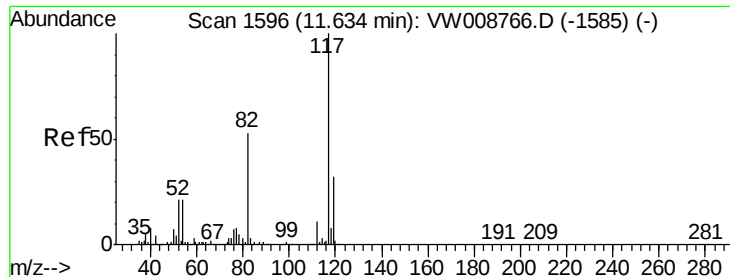
Ion Ratio Lower Upper

95 100

174 84.1 0.0 169.2

176 82.4 0.0 163.6

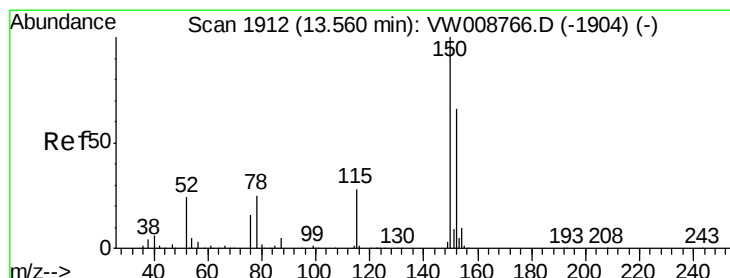
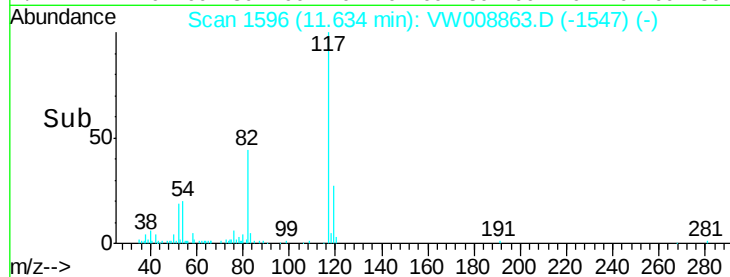
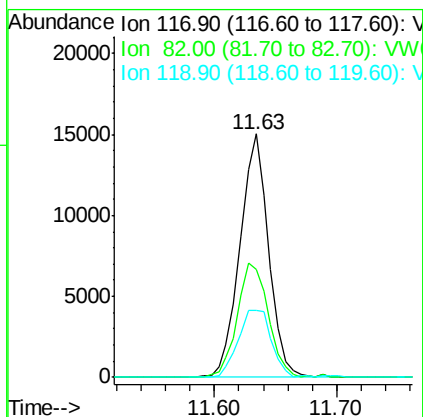
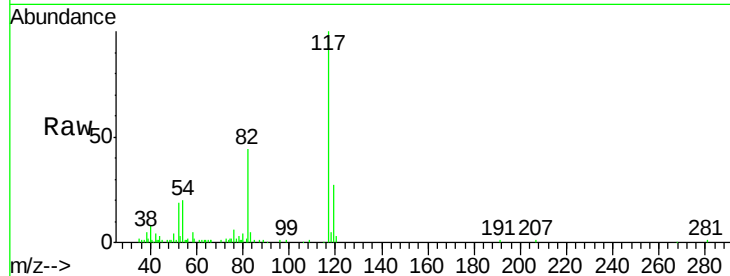




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008863.D
Acq: 27 Feb 2019 19:03

Instrument :
MSVOA_W
ClientSampleId :
PE-5(BELOW-EXPOSED-PIPE)

Tot Ion:117 Resp: 24499
Ion Ratio Lower Upper
117 100
82 44.4 42.2 63.4
119 27.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008863.D
Acq: 27 Feb 2019 19:03

Tgt Ion:152 Resp: 8258
Ion Ratio Lower Upper
152 100
115 61.1 28.6 85.8
150 148.6 0.0 348.0

