

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007083.D
 Acq On : 27 Nov 2018 13:12
 Operator : VAY/AP
 Sample : VW1127SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBL01

Quant Time: Nov 28 00:48:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	162881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75580	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51251	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	7.88	113	46573	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.32	98	208176	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	76484	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

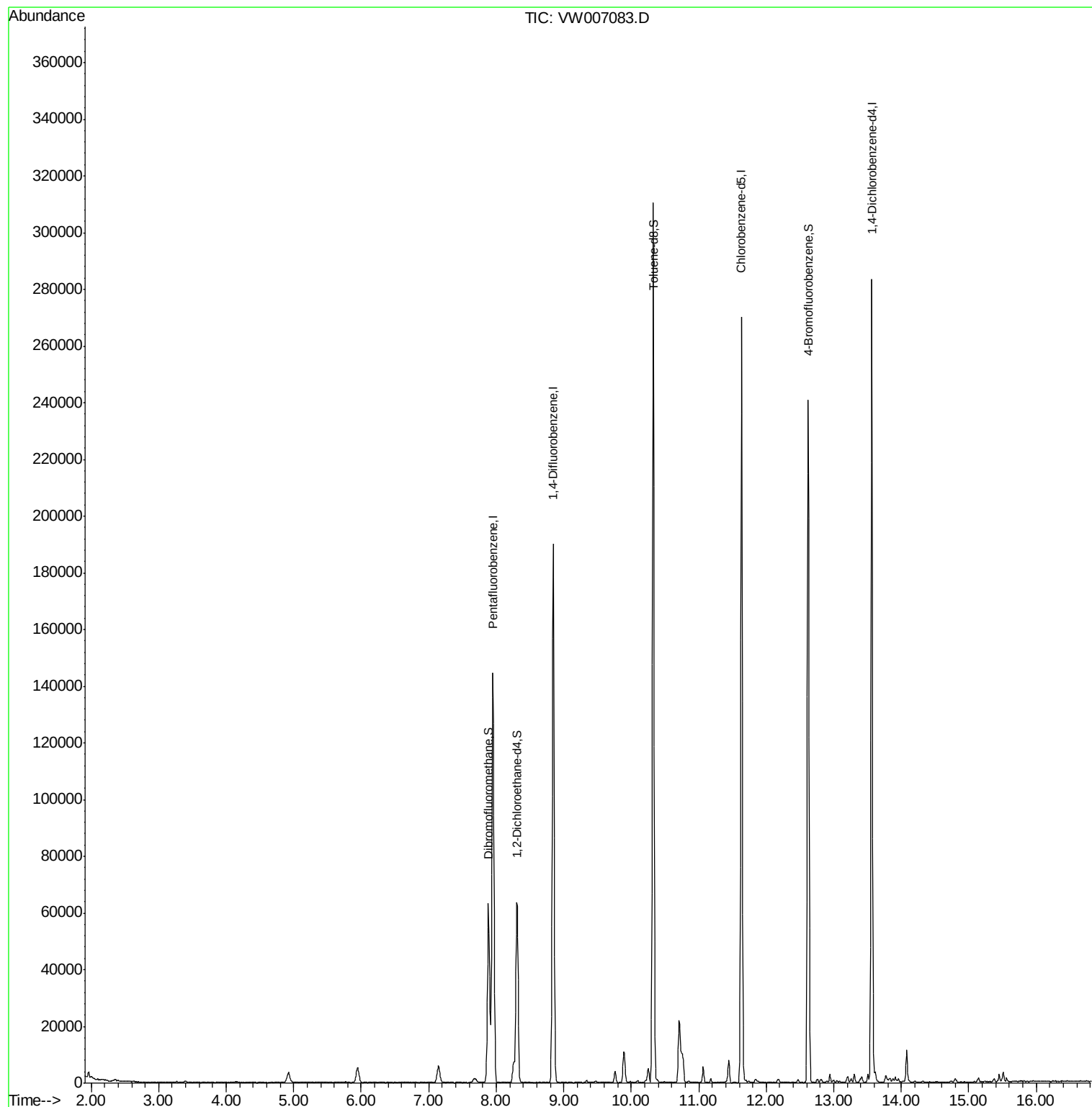
Target Compounds	Qvalue

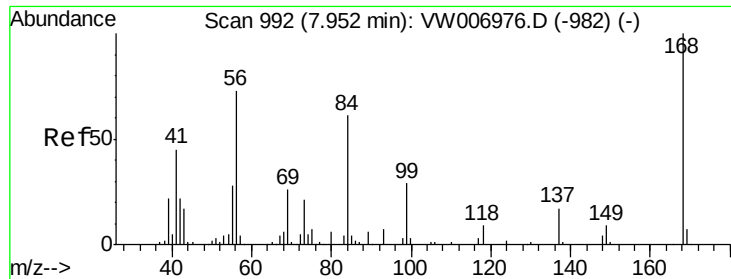
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

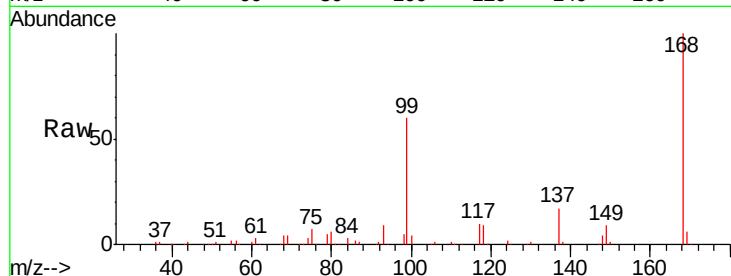
VW1127SBL01

Tgt Ion:168 Resp: 107357

Ion Ratio Lower Upper

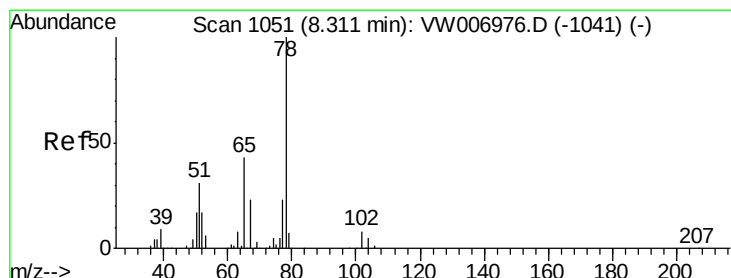
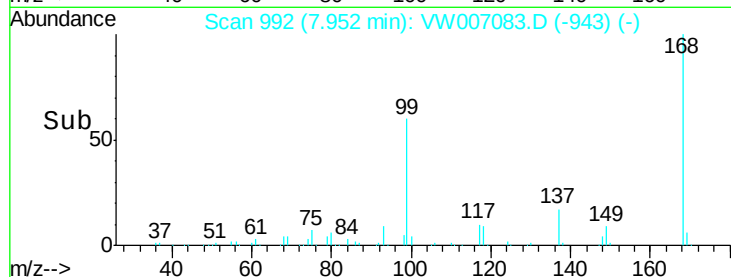
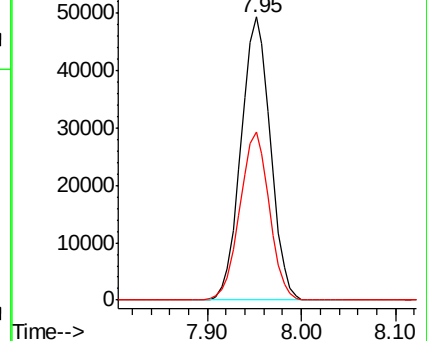
168 100

99 59.5 48.2 72.4



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: 48.76 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007083.D

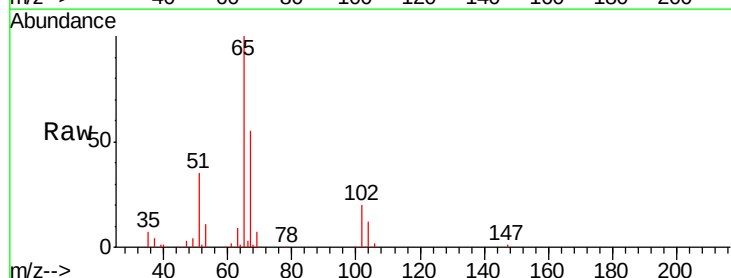
Acq: 27 Nov 2018 13:12

Tgt Ion: 65 Resp: 51251

Ion Ratio Lower Upper

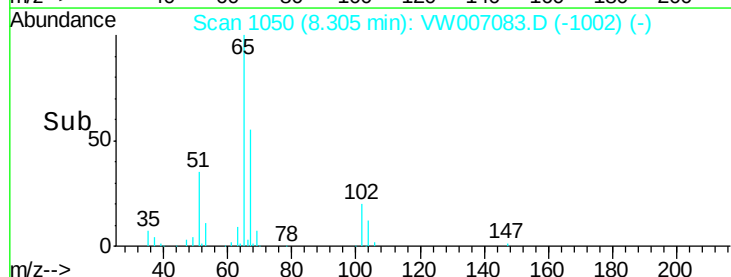
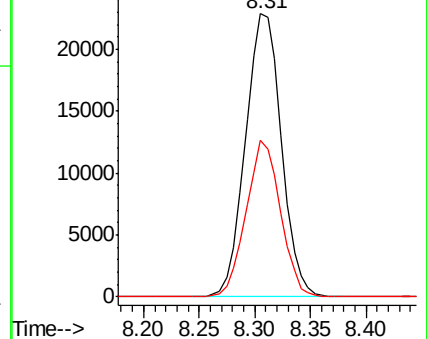
65 100

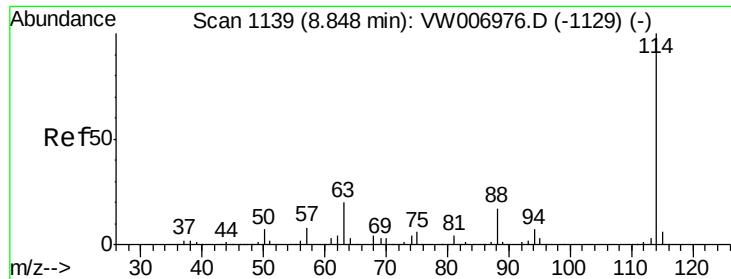
67 53.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

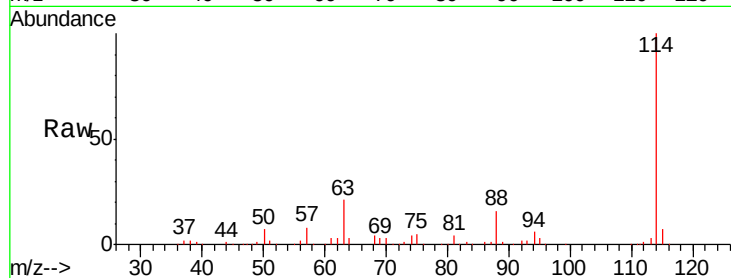




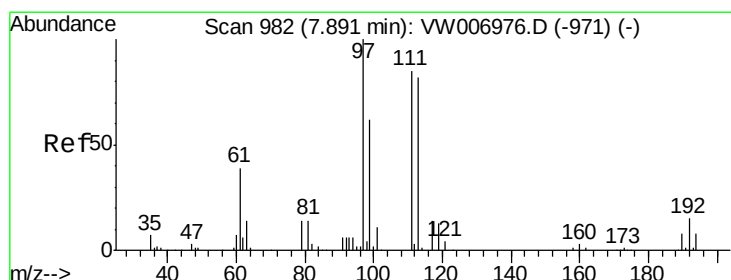
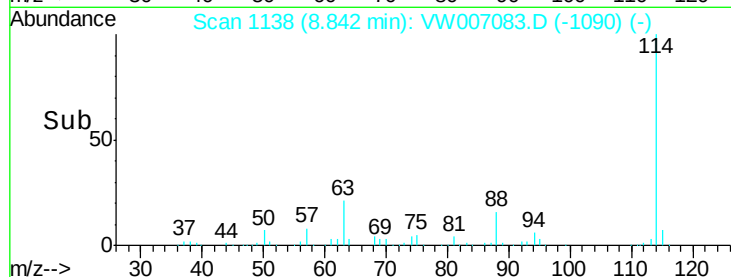
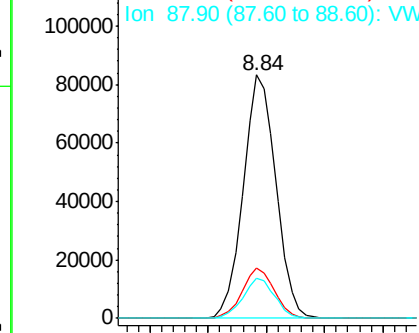
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007083.D
 Acq: 27 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBL01

Tgt Ion:114 Resp: 162881
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.4
 88 16.3 0.0 34.2

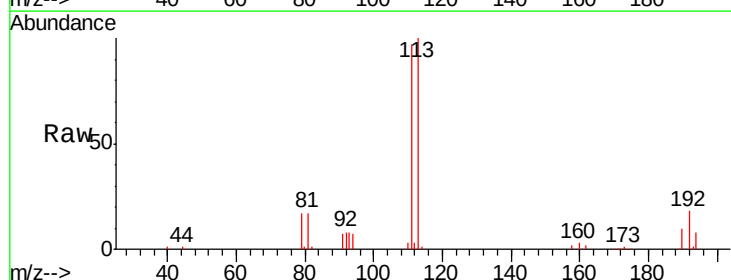


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

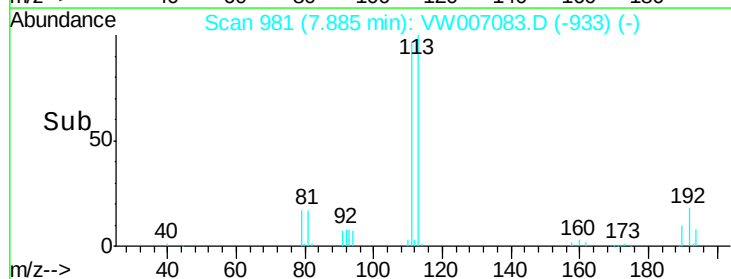
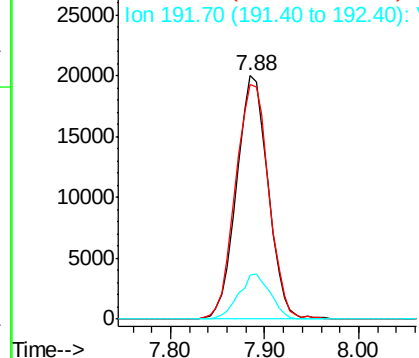


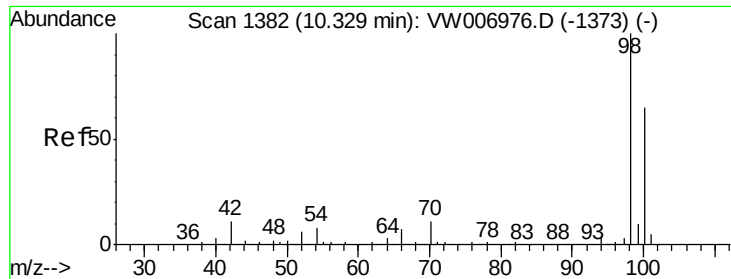
#35
 Dibromofluoromethane
 Concen: 50.63 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007083.D
 Acq: 27 Nov 2018 13:12

Tgt Ion:113 Resp: 46573
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.0 121.6
 192 18.5 15.0 22.6



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

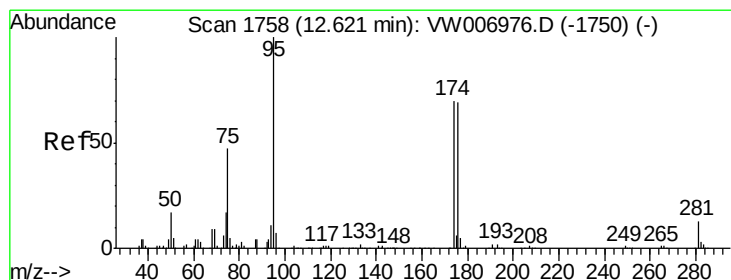
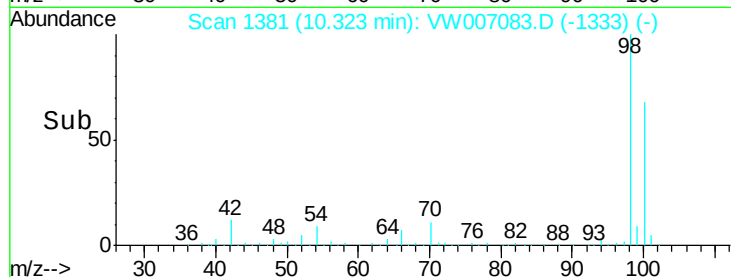
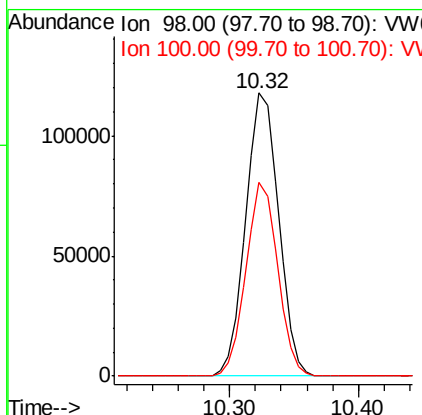
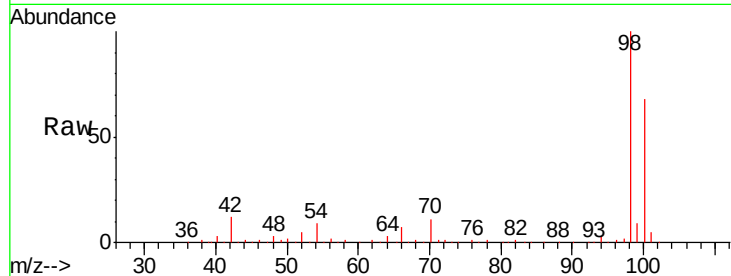




#50
Toluene-d8
Concen: 51.25 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007083.D
Acq: 27 Nov 2018 13:12

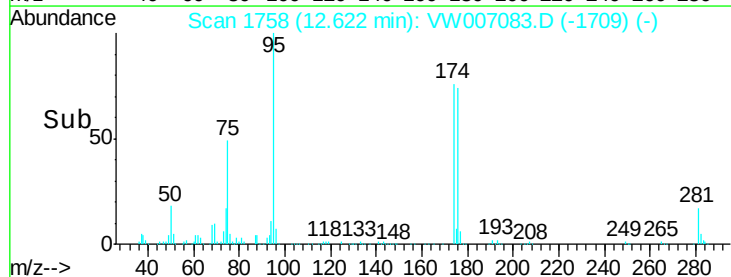
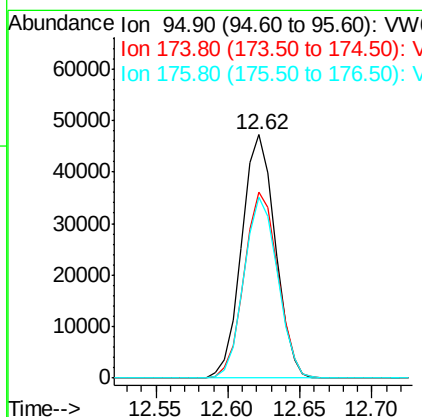
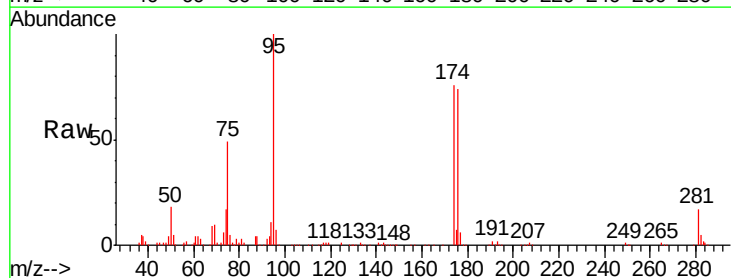
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBL01

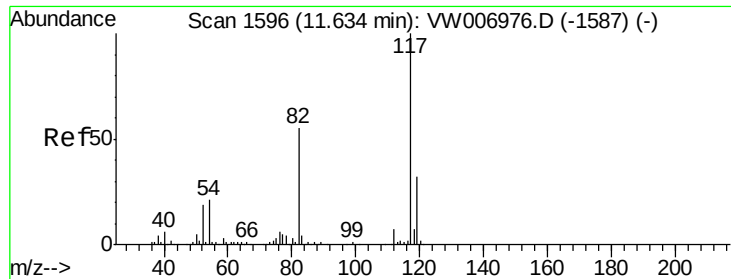
Tgt Ion: 98 Resp: 208176
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.85 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007083.D
Acq: 27 Nov 2018 13:12

Tgt Ion: 95 Resp: 76484
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.6
176 74.3 0.0 140.4

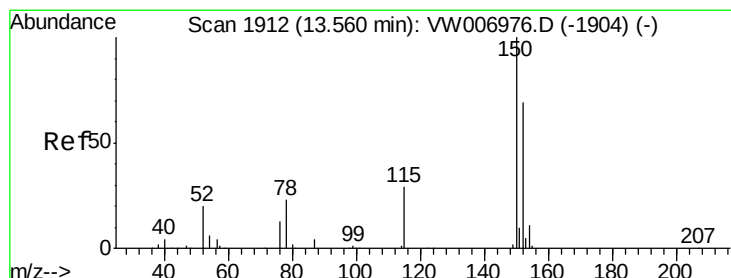
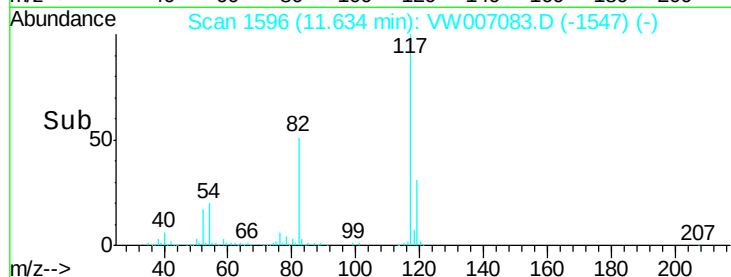
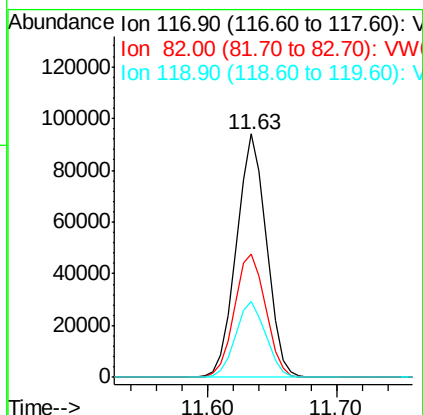
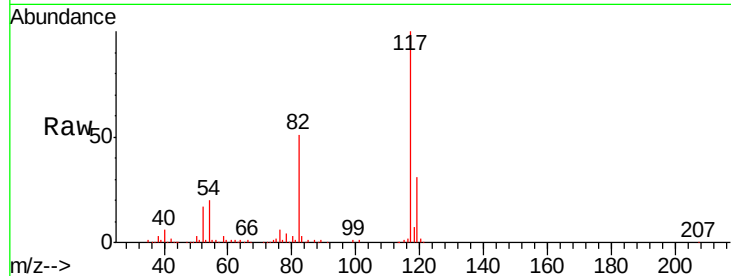




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007083.D
Acq: 27 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1127SBL01

Tgt Ion:117 Resp: 151556
Ion Ratio Lower Upper
117 100
82 50.8 44.2 66.2
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007083.D
Acq: 27 Nov 2018 13:12

Tgt Ion:152 Resp: 75580
Ion Ratio Lower Upper
152 100
115 59.6 31.4 94.2
150 155.4 0.0 353.4

