

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008900.D
 Acq On : 28 Feb 2019 20:57
 Operator : SY/VA
 Sample : K1638-04RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PE-4(NORTH-SITE-WALL)RE

Quant Time: Mar 01 07:34:22 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	4894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	6453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	4984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	946	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	2972	64.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.50%	
35) Dibromofluoromethane	7.89	113	2286	59.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.00%	
50) Toluene-d8	10.32	98	7730	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.62	95	1351	23.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.14%	

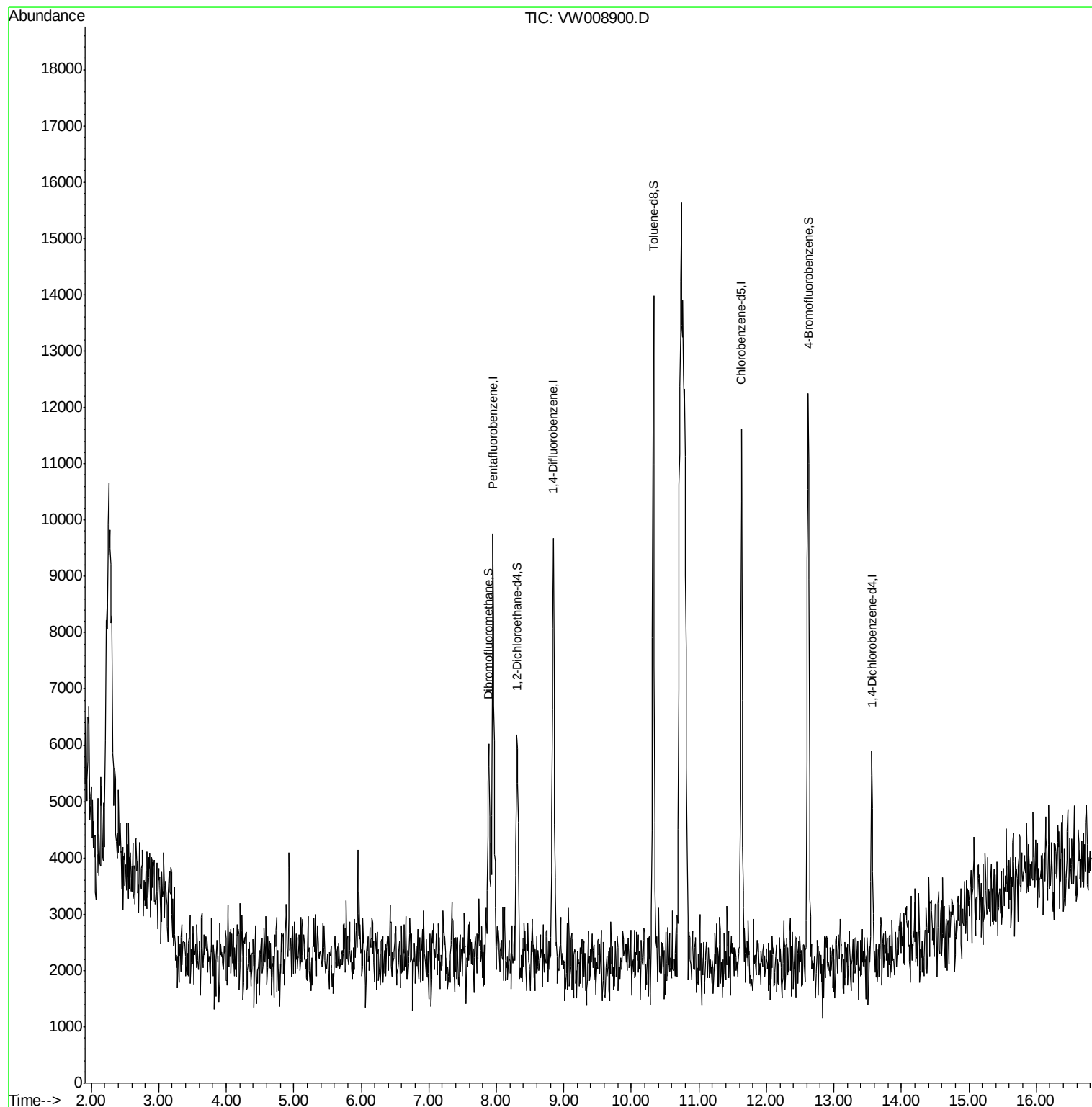
Target Compounds	Qvalue
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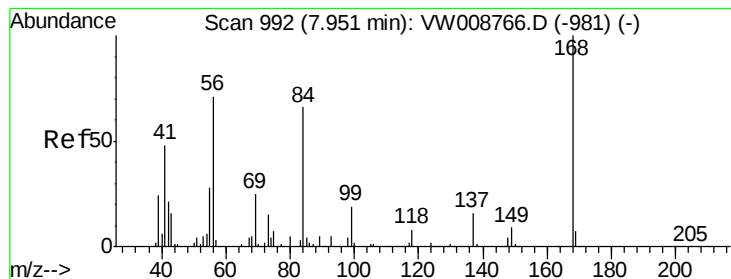
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008900.D

Acq: 28 Feb 2019 20:57

Instrument :

MSVOA_W

ClientSampleId :

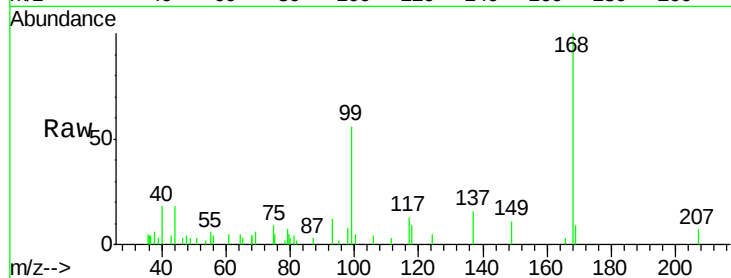
PE-4(NORTH-SITE-WALL)RE

Tot Ion:168 Resp: 4894

Ion Ratio Lower Upper

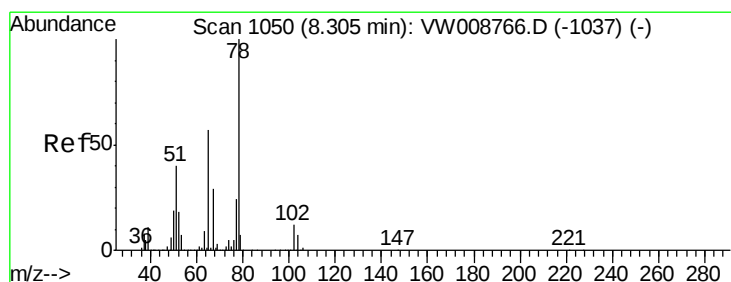
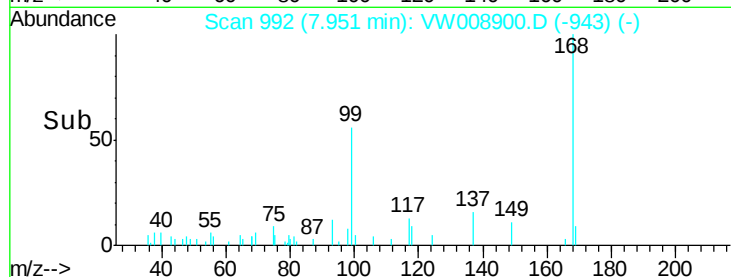
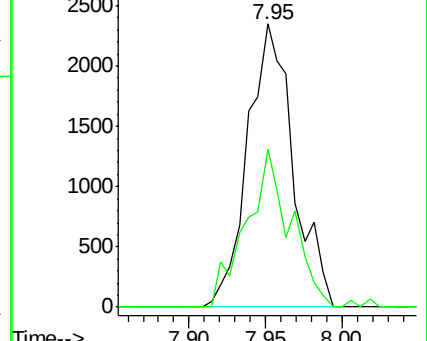
168 100

99 55.7 42.2 63.2



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: 64.748 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008900.D

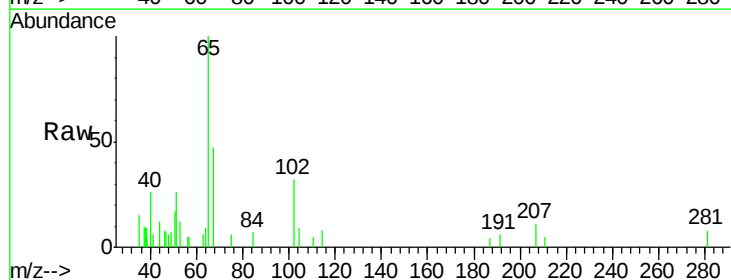
Acq: 28 Feb 2019 20:57

Tgt Ion: 65 Resp: 2972

Ion Ratio Lower Upper

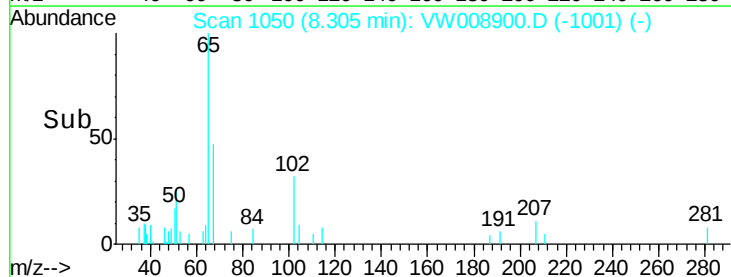
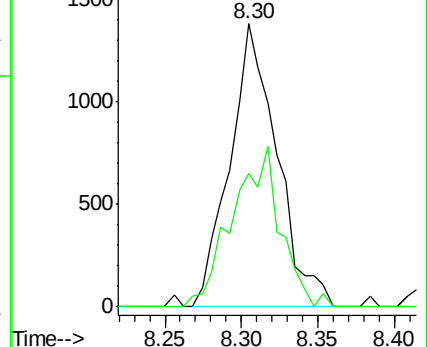
65 100

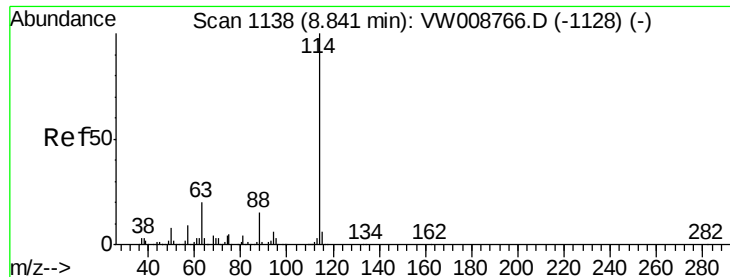
67 57.4 0.0 101.4



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: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW008900.D

Acq: 28 Feb 2019 20:57

Instrument :

MSVOA_W

ClientSampleId :

PE-4(NORTH-SITE-WALL)RE

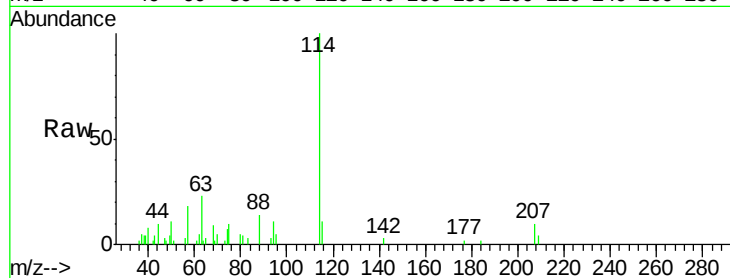
Tot Ion:114 Resp: 6453

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

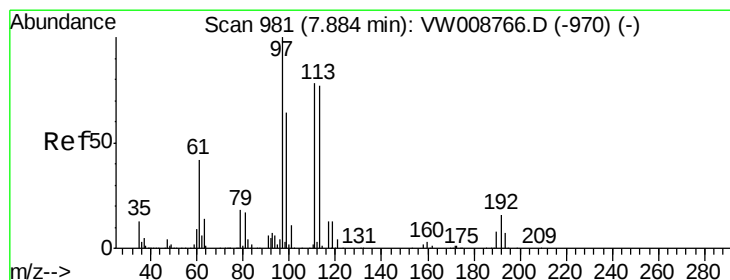
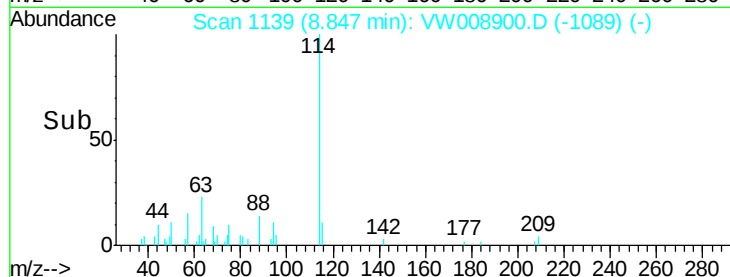
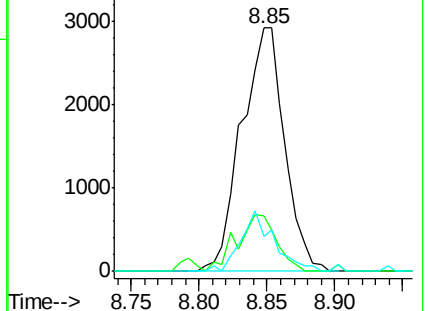
88 14.2 0.0 30.4



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: 59.002 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW008900.D

Acq: 28 Feb 2019 20:57

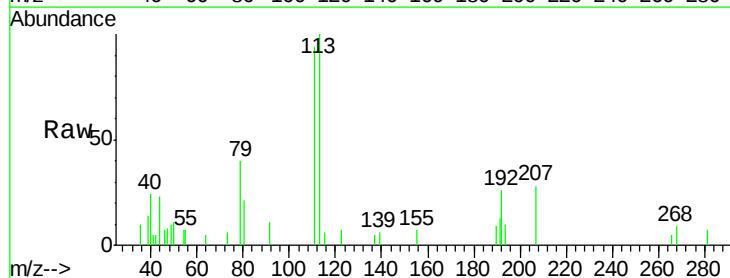
Tgt Ion:113 Resp: 2286

Ion Ratio Lower Upper

113 100

111 109.3 81.9 122.9

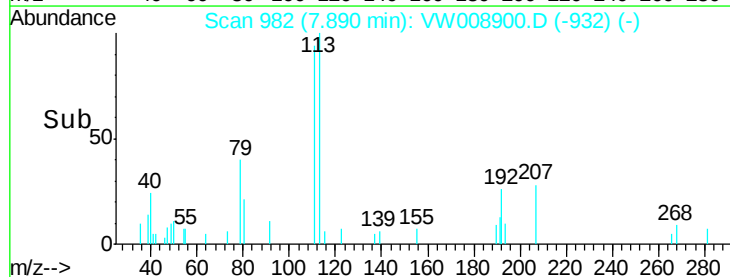
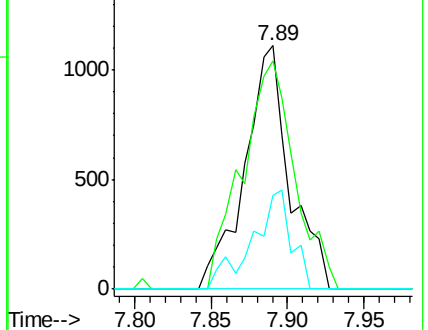
192 35.2 17.1 25.7#

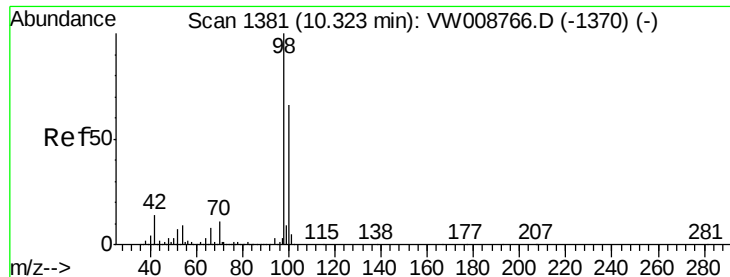


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.683 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008900.D

Acq: 28 Feb 2019 20:57

Instrument :

MSVOA_W

ClientSampleId :

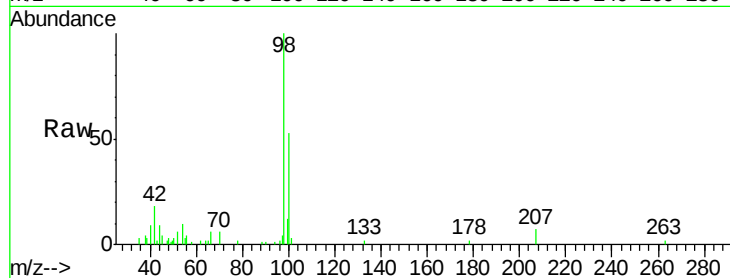
PE-4(NORTH-SITE-WALL)RE

Tot Ion: 98 Resp: 7730

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

4000

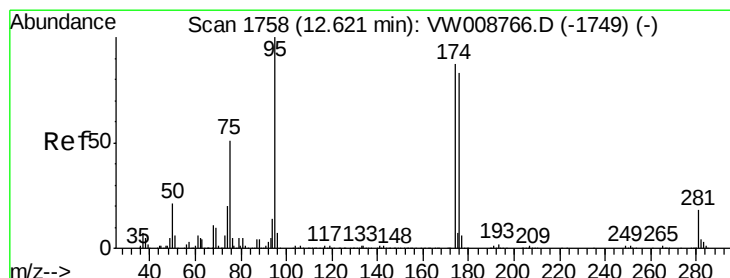
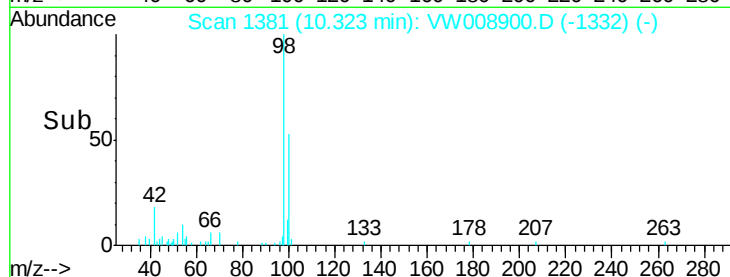
3000

2000

1000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 23.070 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008900.D

Acq: 28 Feb 2019 20:57

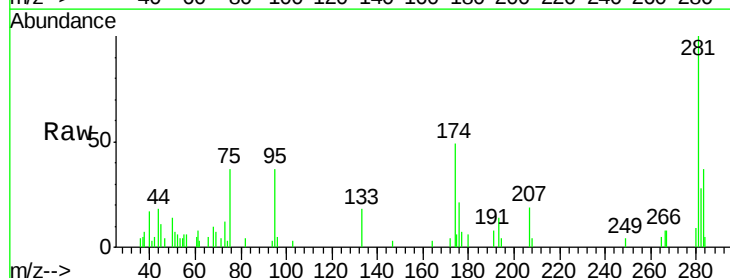
Tgt Ion: 95 Resp: 1351

Ion Ratio Lower Upper

95 100

174 100.1 0.0 169.2

176 97.3 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

1200

1000

800

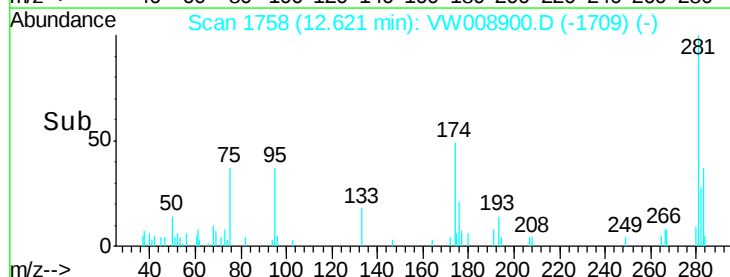
600

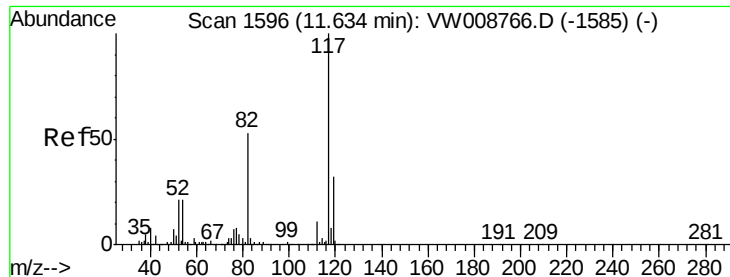
400

200

0

Time-->

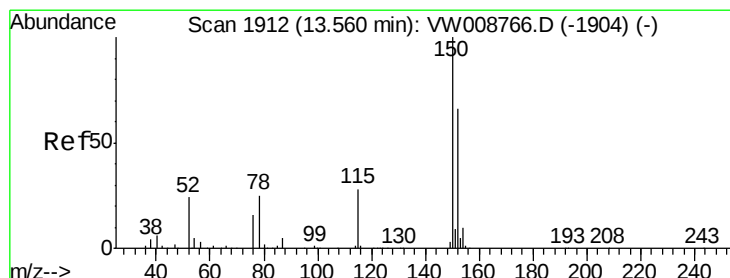
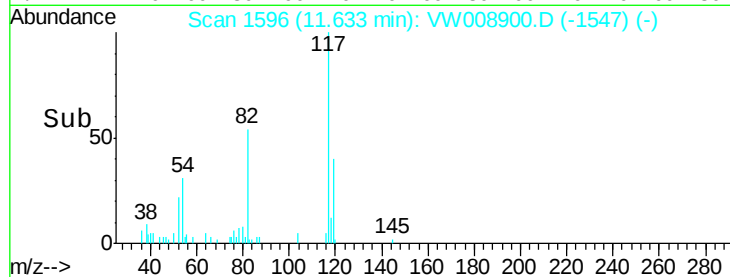
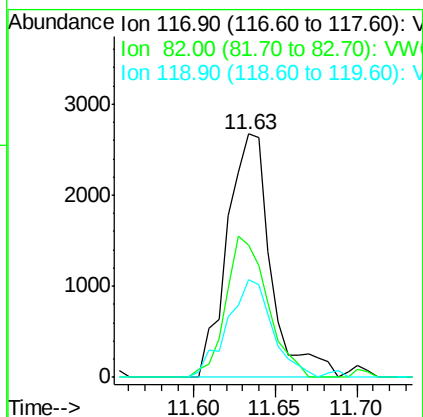
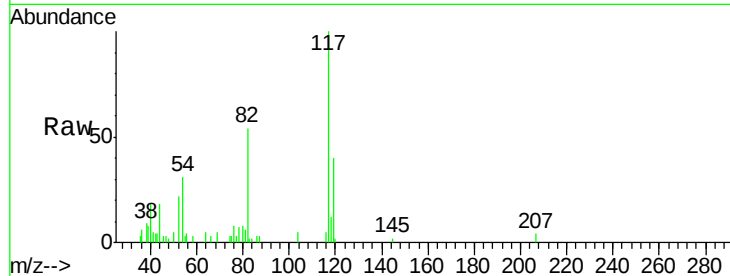




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008900.D
Acq: 28 Feb 2019 20:57

Instrument :
MSVOA_W
ClientSampleId :
PE-4(NORTH-SITE-WALL)RE

Tot Ion:117 Resp: 4984
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 40.4 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW008900.D
Acq: 28 Feb 2019 20:57

Tgt Ion:152 Resp: 946
Ion Ratio Lower Upper
152 100
115 82.0 28.6 85.8
150 179.8 0.0 348.0

