

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007043.D
 Acq On : 26 Nov 2018 13:27
 Operator : VAY/AP
 Sample : J5999-08RE
 Misc : 5.49G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1116-S-AB-4RE

Quant Time: Nov 26 15:44:00 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	7.96	168	9086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	13981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	9908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	2073	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4140	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
35) Dibromofluoromethane	7.88	113	3742	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
50) Toluene-d8	10.32	98	13366	38.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.68%	
62) 4-Bromofluorobenzene	12.62	95	3235	23.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.16%	

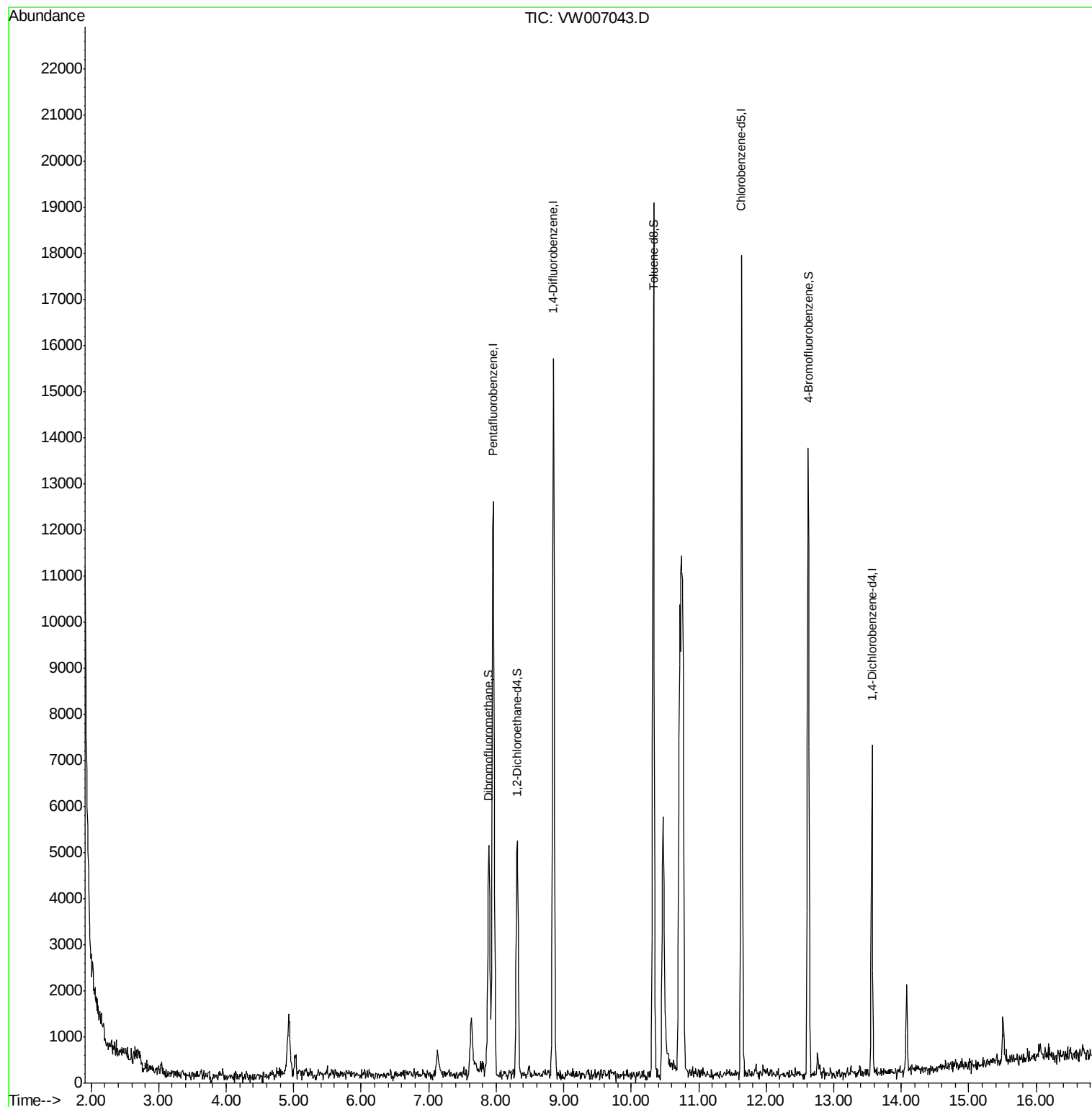
Target Compounds	Qvalue
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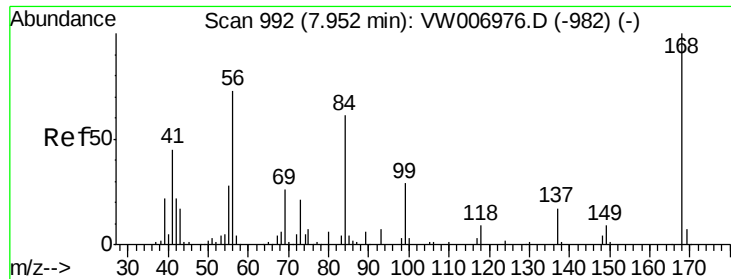
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007043.D

Acq: 26 Nov 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

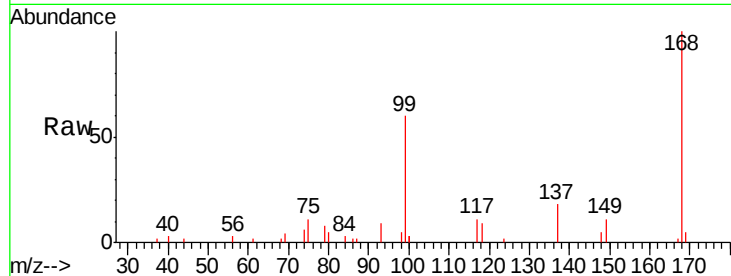
SSSI-1116-S-AB-4RE

Tgt Ion:168 Resp: 9086

Ion Ratio Lower Upper

168 100

99 60.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

4000

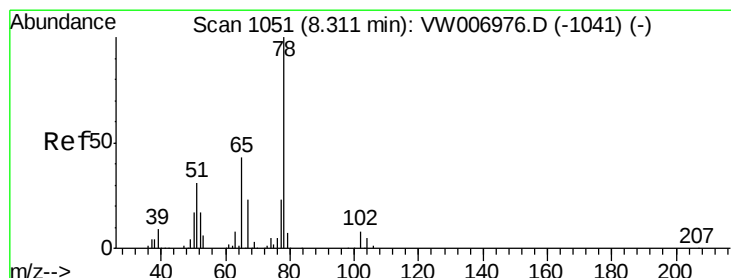
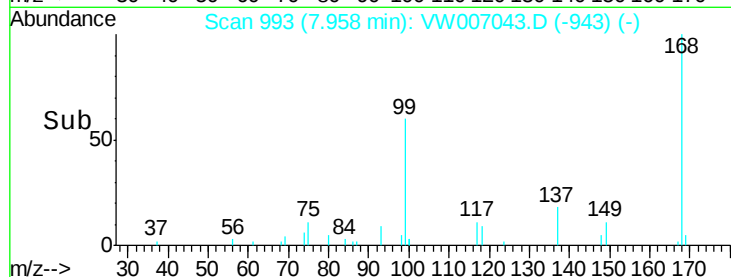
3000

2000

1000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.54 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW007043.D

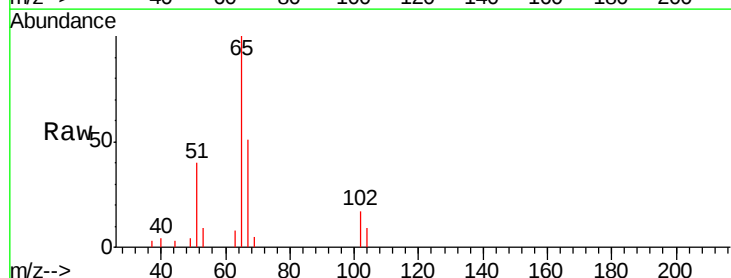
Acq: 26 Nov 2018 13:27

Tgt Ion: 65 Resp: 4140

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

2000

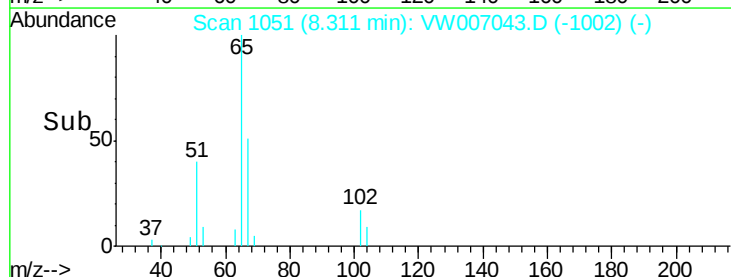
1500

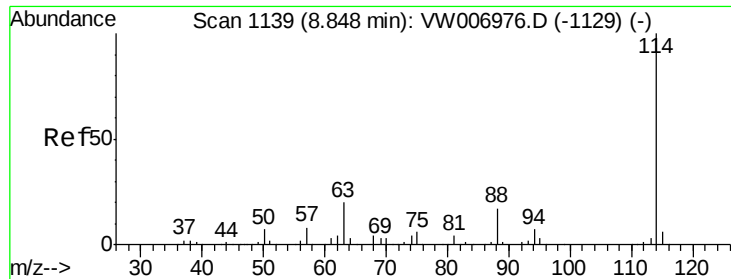
1000

500

0

Time-->

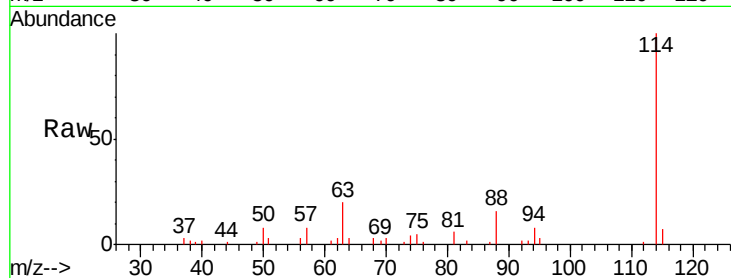




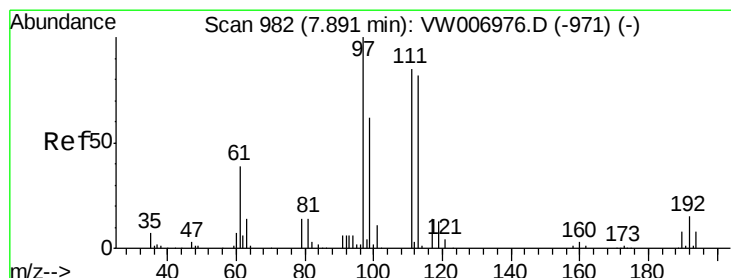
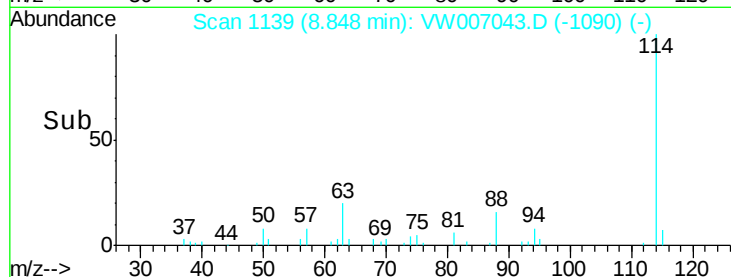
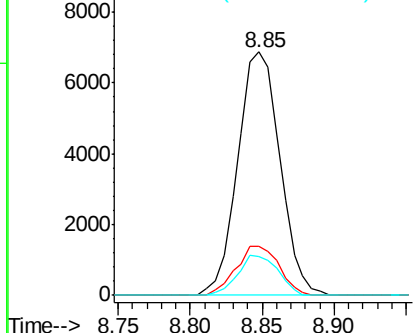
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007043.D
 Acq: 26 Nov 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1116-S-AB-4RE

Tgt Ion:114 Resp: 13981
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.4
 88 16.2 0.0 34.2

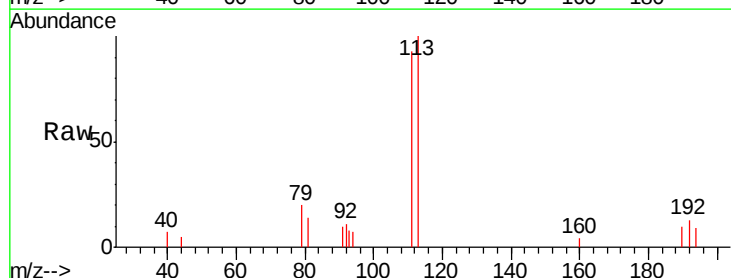


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

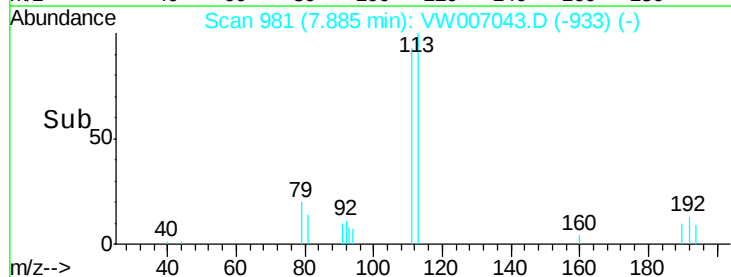
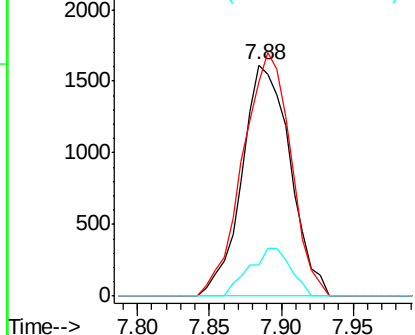


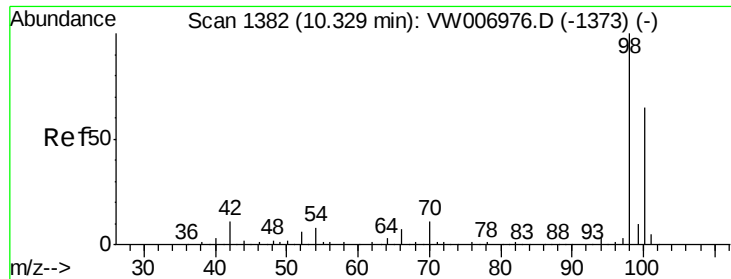
#35
 Dibromofluoromethane
 Concen: 47.39 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007043.D
 Acq: 26 Nov 2018 13:27

Tgt Ion:113 Resp: 3742
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.0 121.6
 192 17.9 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: 38.34 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007043.D

Acq: 26 Nov 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

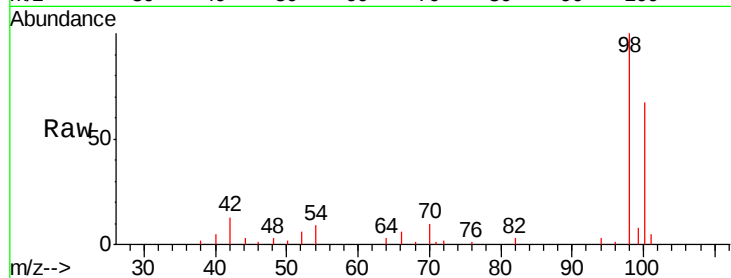
SSSI-1116-S-AB-4RE

Tgt Ion: 98 Resp: 13366

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

8000

6000

4000

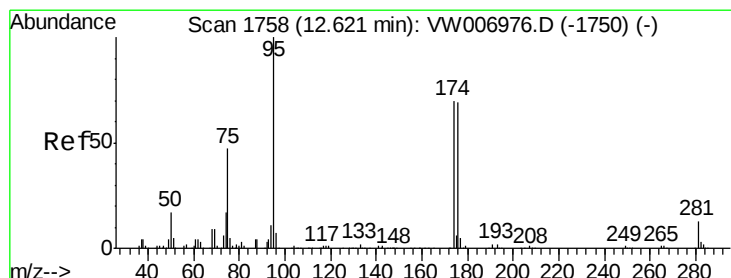
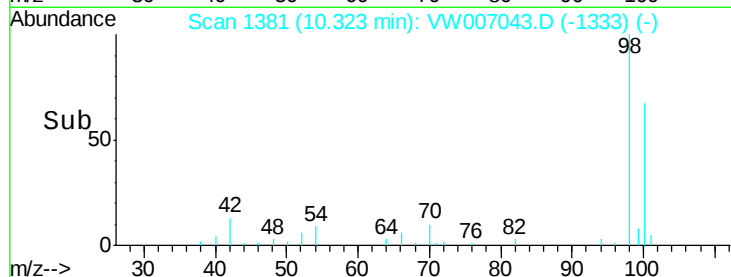
2000

0

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 23.58 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007043.D

Acq: 26 Nov 2018 13:27

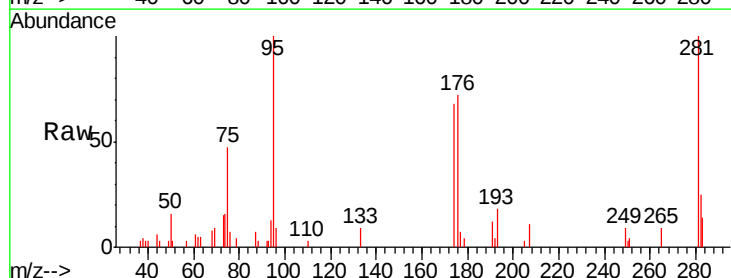
Tgt Ion: 95 Resp: 3235

Ion Ratio Lower Upper

95 100

174 73.7 0.0 143.6

176 66.6 0.0 140.4



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

2500

2000

1500

1000

500

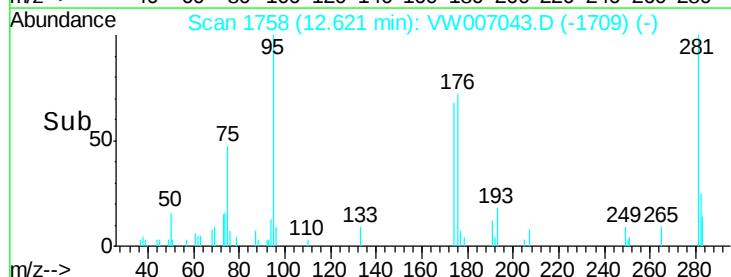
0

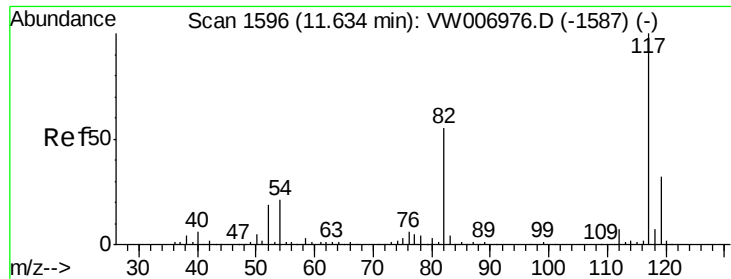
12.55

12.60

12.65

Time-->

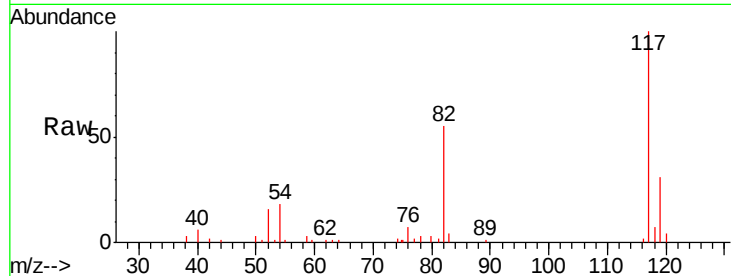




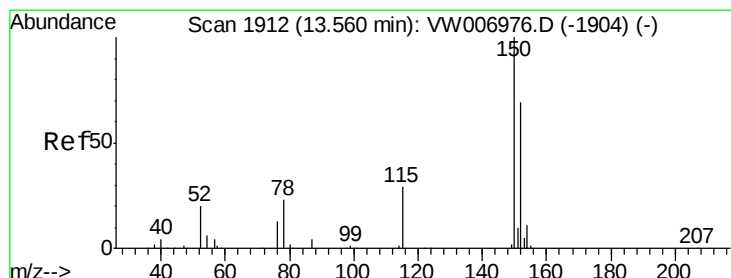
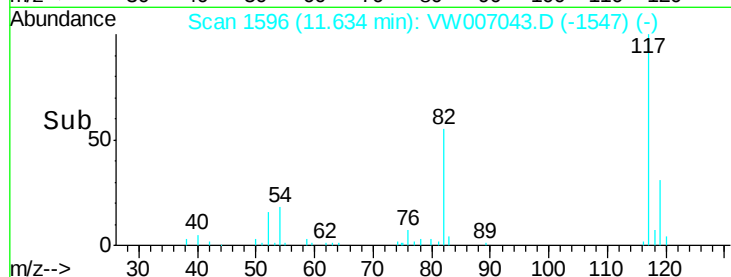
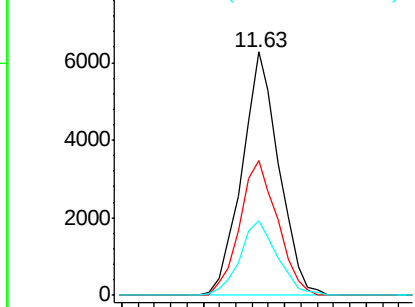
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007043.D
Acq: 26 Nov 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1116-S-AB-4RE

Tgt Ion:117 Resp: 9908
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 30.5 25.9 38.9

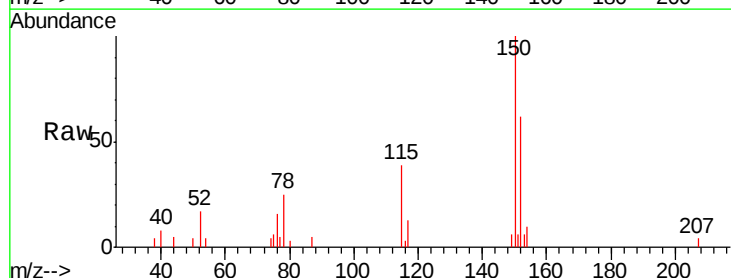


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007043.D
Acq: 26 Nov 2018 13:27

Tgt Ion:152 Resp: 2073
Ion Ratio Lower Upper
152 100
115 59.8 31.4 94.2
150 154.2 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

