

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007042.D
 Acq On : 26 Nov 2018 13:01
 Operator : VAY/AP
 Sample : J5999-06RE
 Misc : 6.18G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1115-S-AB-2RE

Quant Time: Nov 26 15:42:18 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	124143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	191561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52441	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	55438	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	7.89	113	49002	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
50) Toluene-d8	10.33	98	200131	41.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.78%	
62) 4-Bromofluorobenzene	12.62	95	61158	32.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.06%	

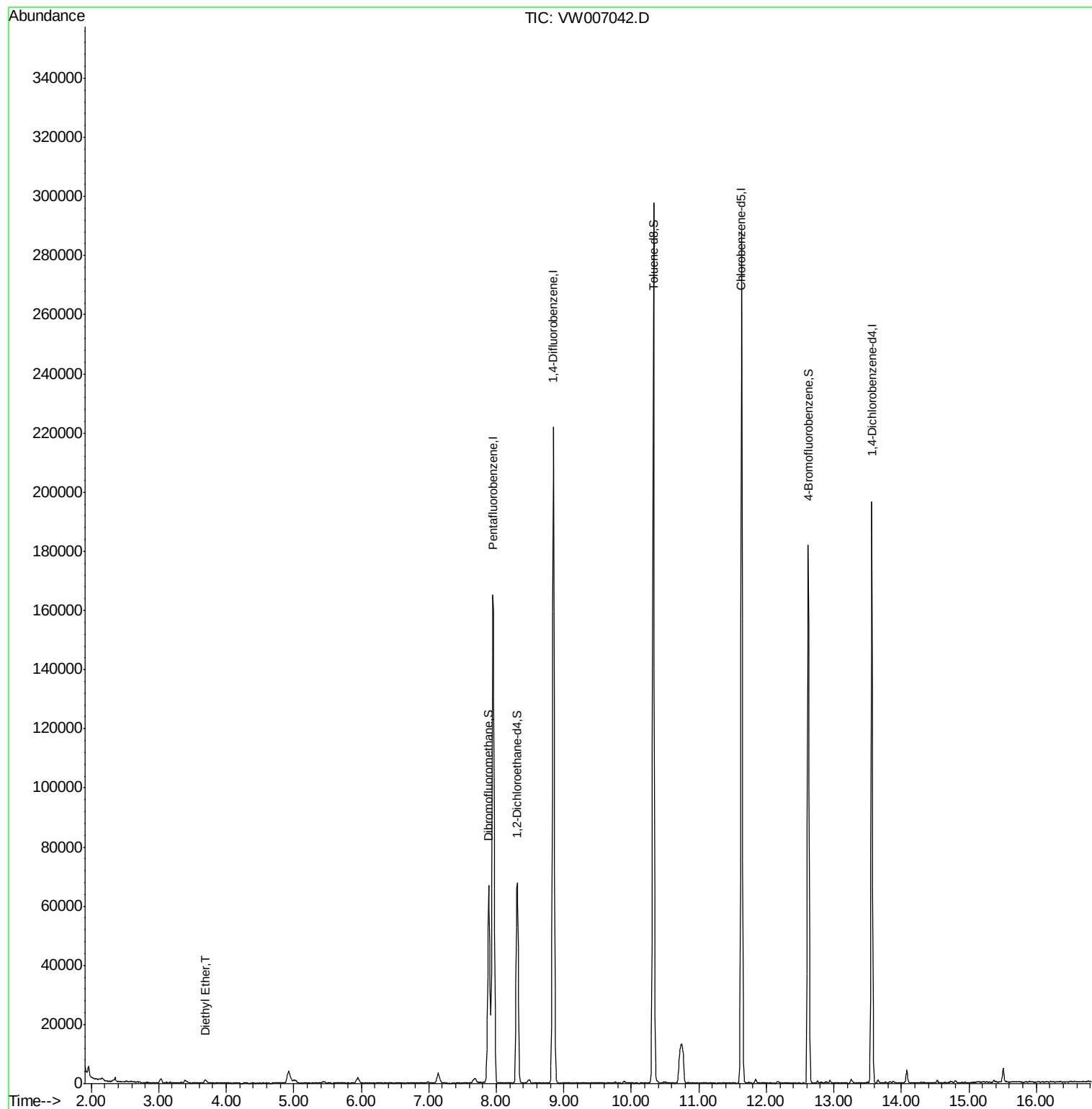
Target Compounds						Qvalue
8) Diethyl Ether	3.70	74	718	1.13	ug/l	90

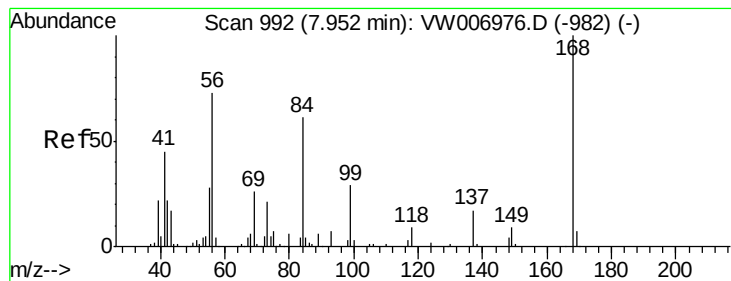
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007042.D

Acq: 26 Nov 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

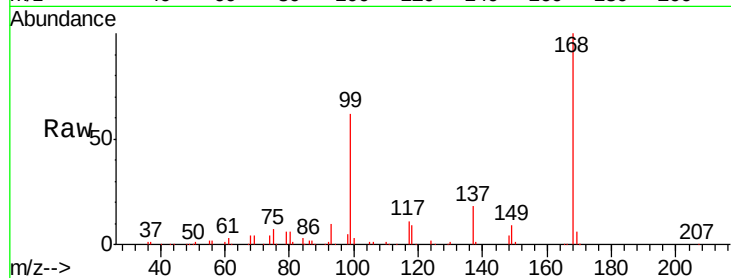
SSSI-1115-S-AB-2RE

Tgt Ion: 168 Resp: 124143

Ion Ratio Lower Upper

168 100

99 61.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

20000

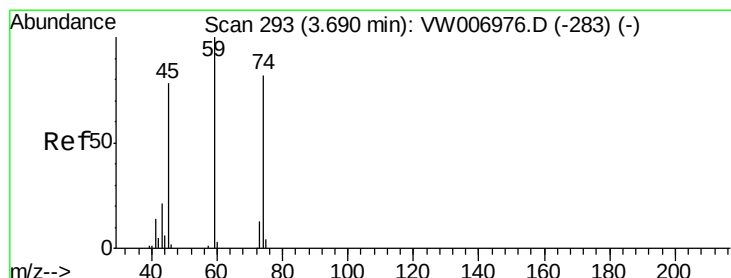
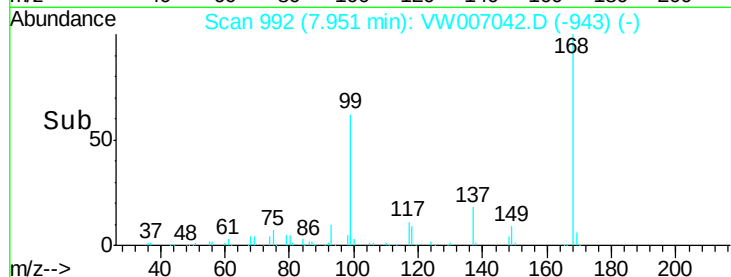
10000

0

Time-->

7.90

8.00



#8

Diethyl Ether

Concen: 1.13 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW007042.D

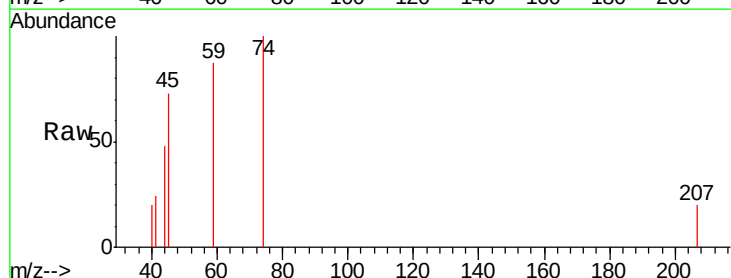
Acq: 26 Nov 2018 13:01

Tgt Ion: 74 Resp: 718

Ion Ratio Lower Upper

74 100

45 87.5 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.70

400

300

200

100

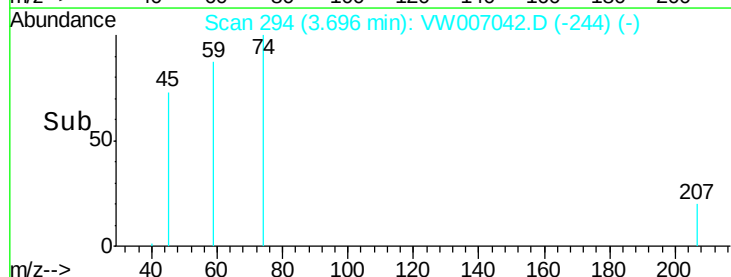
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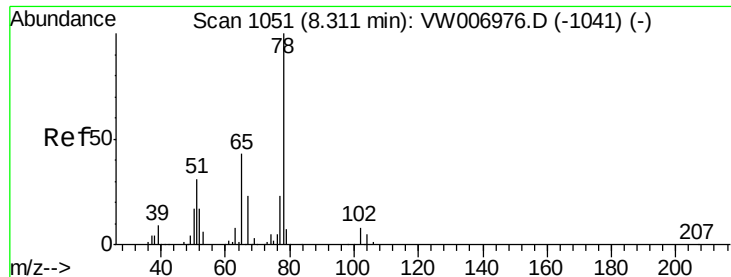
Time-->

3.65

3.70

3.75

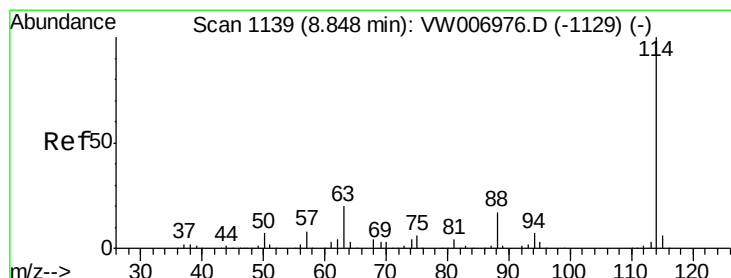
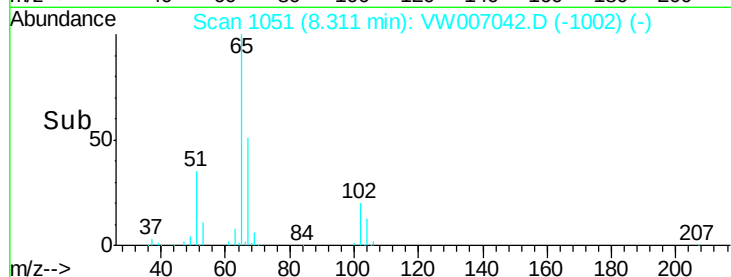
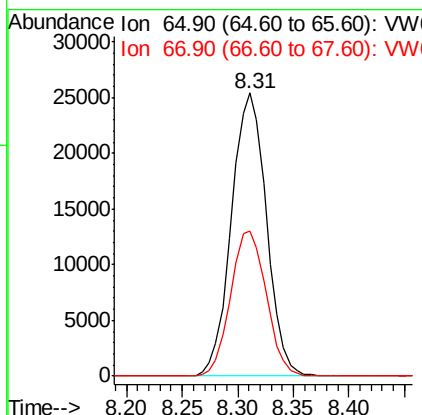
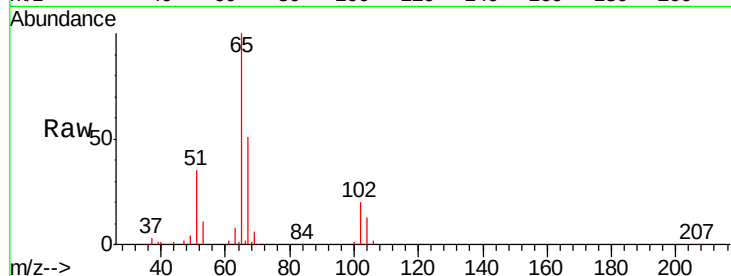




#33
 1,2-Dichloroethane-d4
 Concen: 45.61 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007042.D
 Acq: 26 Nov 2018 13:01

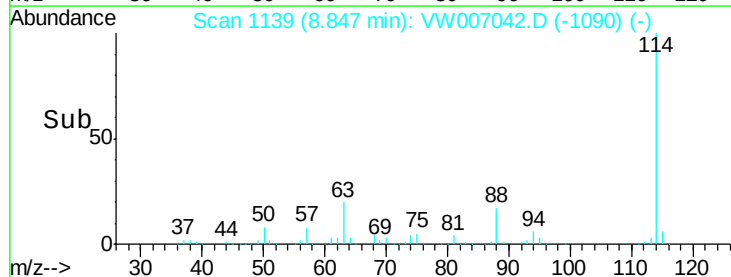
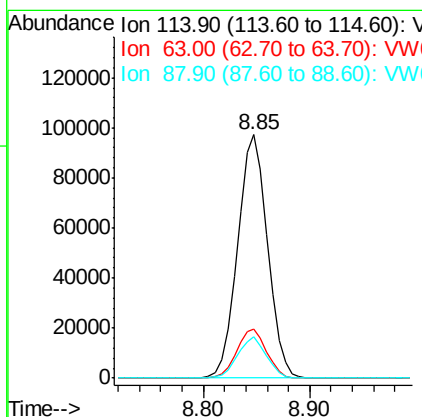
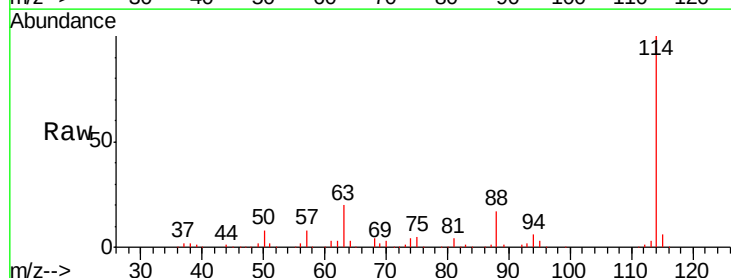
Instrument :
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 SSSI-1115-S-AB-2RE

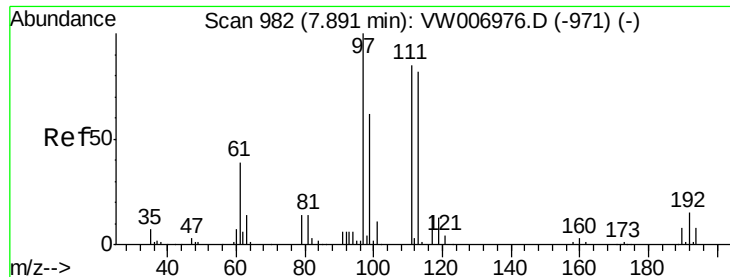
Tgt Ion: 65 Resp: 55438
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007042.D
 Acq: 26 Nov 2018 13:01

Tgt Ion: 114 Resp: 191561
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 16.9 0.0 34.2

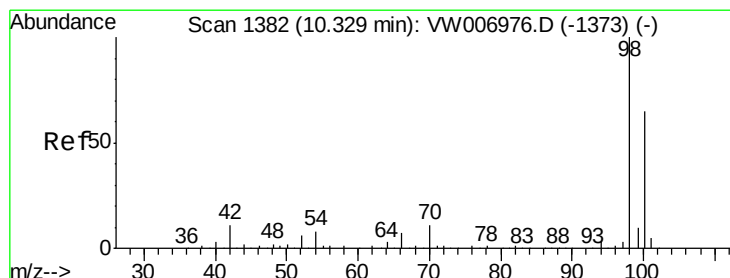
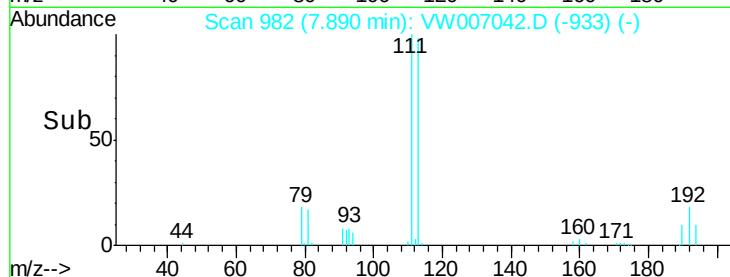
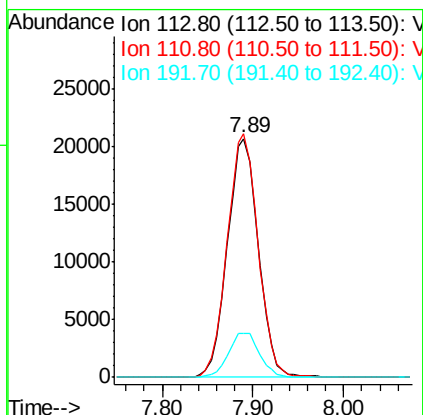
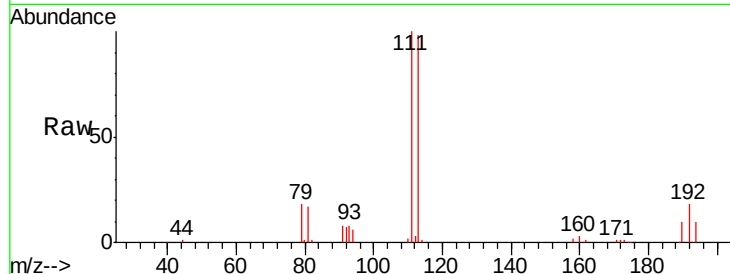




#35
Dibromofluoromethane
Concen: 45.30 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007042.D
Acq: 26 Nov 2018 13:01

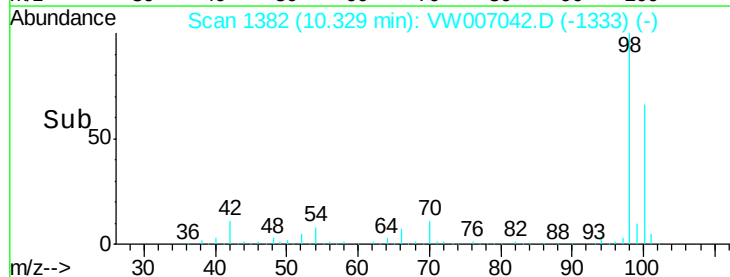
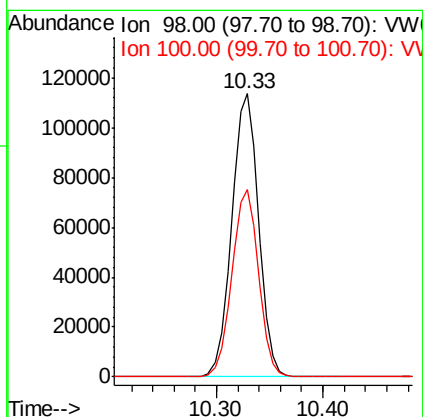
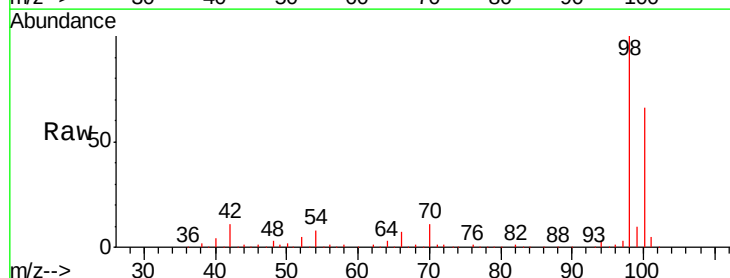
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1115-S-AB-2RE

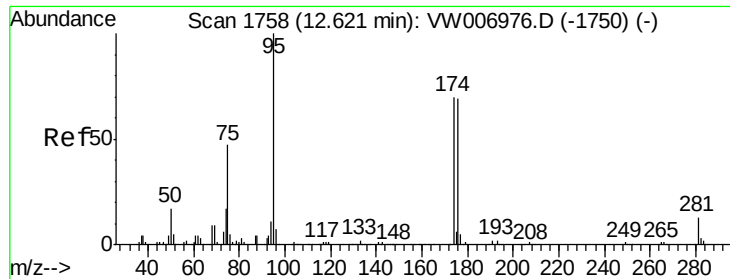
Tgt Ion:113 Resp: 49002
Ion Ratio Lower Upper
113 100
111 101.6 81.0 121.6
192 18.5 15.0 22.6



#50
Toluene-d8
Concen: 41.89 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007042.D
Acq: 26 Nov 2018 13:01

Tgt Ion: 98 Resp: 200131
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 32.53 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007042.D

Acq: 26 Nov 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1115-S-AB-2RE

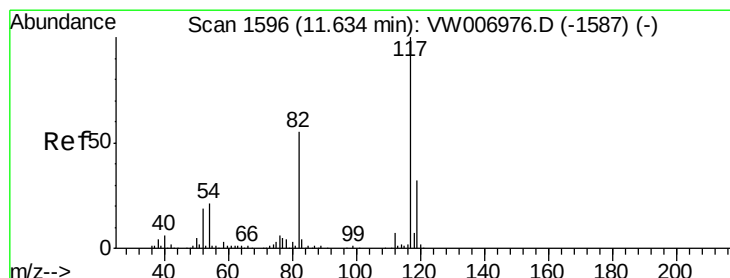
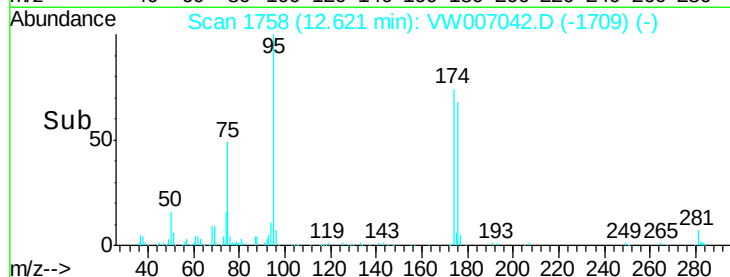
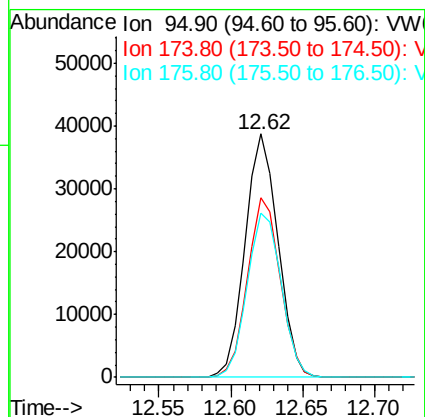
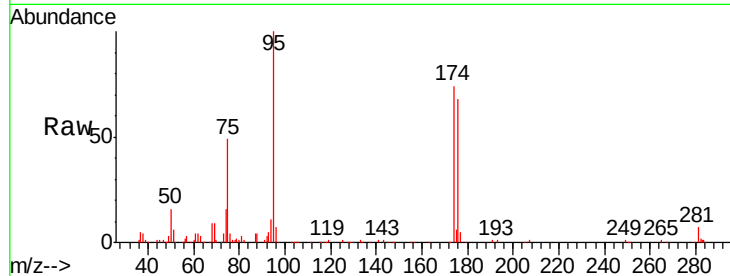
Tgt Ion: 95 Resp: 61158

Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.6

176 69.7 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: VW007042.D

Acq: 26 Nov 2018 13:01

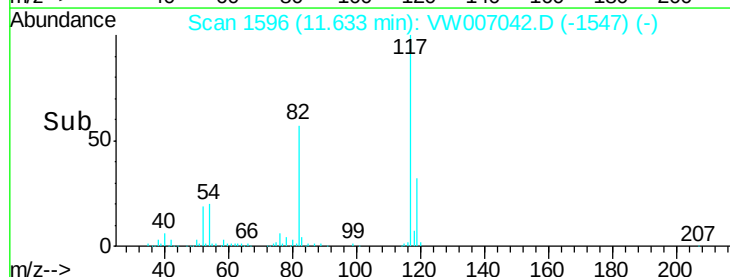
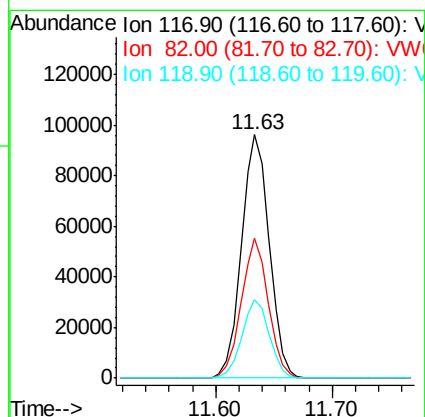
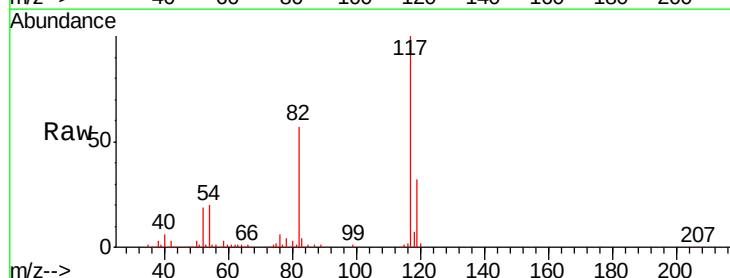
Tgt Ion: 117 Resp: 159727

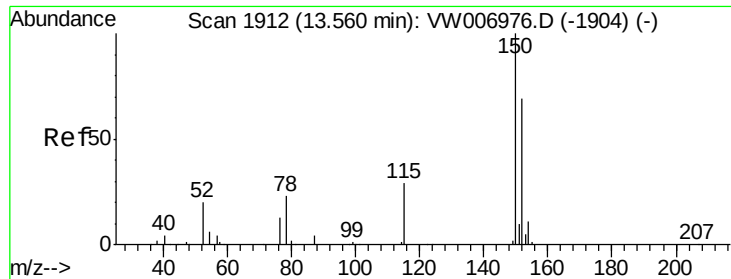
Ion Ratio Lower Upper

117 100

82 57.3 44.2 66.2

119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007042.D

Acq: 26 Nov 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1115-S-AB-2RE

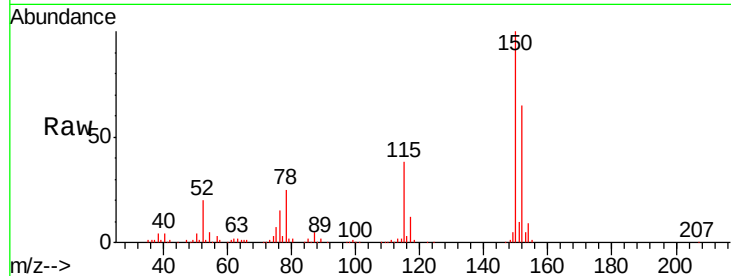
Tgt Ion:152 Resp: 52441

Ion Ratio Lower Upper

152 100

115 62.3 31.4 94.2

150 156.9 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

