

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
 Data File : VW006998.D
 Acq On : 21 Nov 2018 13:37
 Operator : VAY/AP
 Sample : J5999-04
 Misc : 5.87G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1115-S-AB-1

Quant Time: Nov 21 16:26:20 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	115215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	175069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	42591	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	62358	55.28	ug/l	0.00
Spiked Amount			Recovery	=	110.56%	
35) Dibromofluoromethane	7.89	113	53267	53.88	ug/l	0.00
Spiked Amount			Recovery	=	107.76%	
50) Toluene-d8	10.33	98	218989	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	59316	34.53	ug/l	0.00
Spiked Amount			Recovery	=	69.06%	

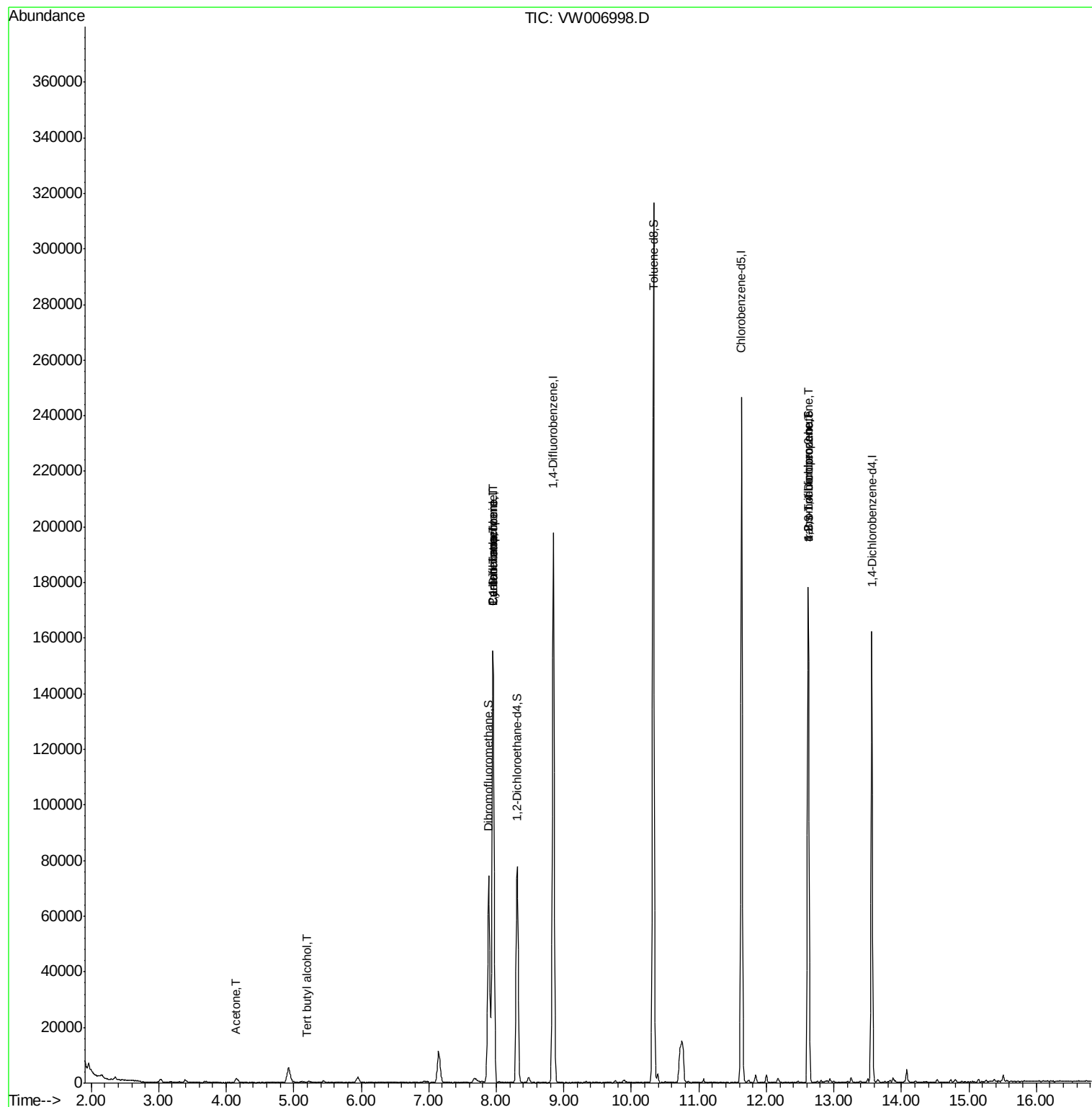
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	167	2.27	ug/l #	71
16) Acetone	4.15	43	3249	19.84	ug/l	91
20) Methylene Chloride	4.92	84	4157	Below Cal		91
31) Cyclohexane	7.95	56	2331	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8944	5.23	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11786	7.19	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	29251	87.40	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	29251	219.43	ug/l #	10

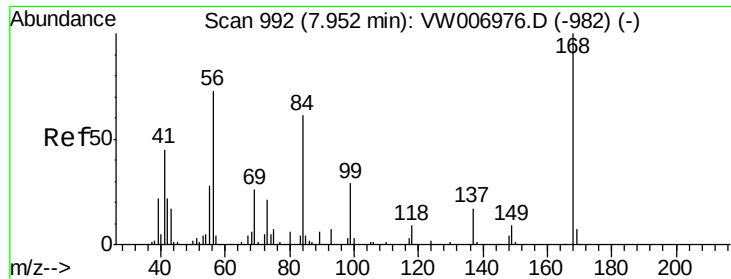
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
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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: VW006998.D

Acq: 21 Nov 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

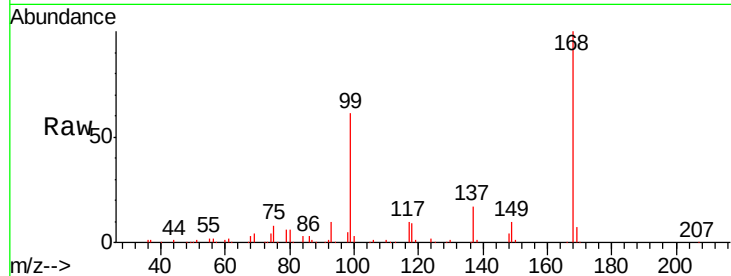
SSSI-1115-S-AB-1

Tgt Ion:168 Resp: 115215

Ion Ratio Lower Upper

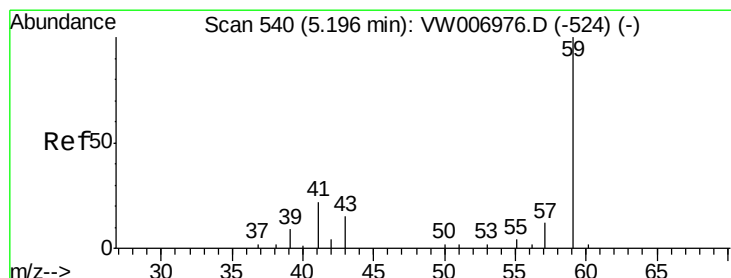
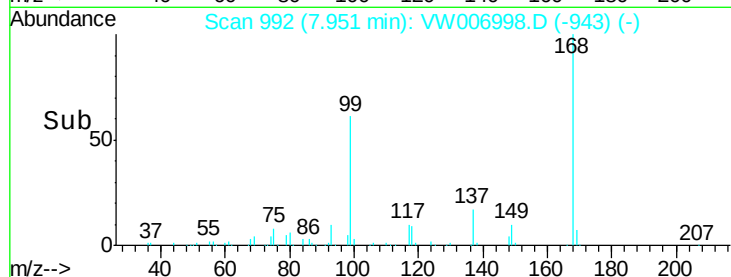
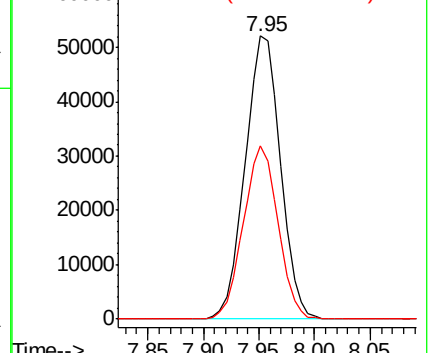
168 100

99 61.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.27 ug/l

RT: 5.20 min Scan# 540

Delta R.T. -0.00 min

Lab File: VW006998.D

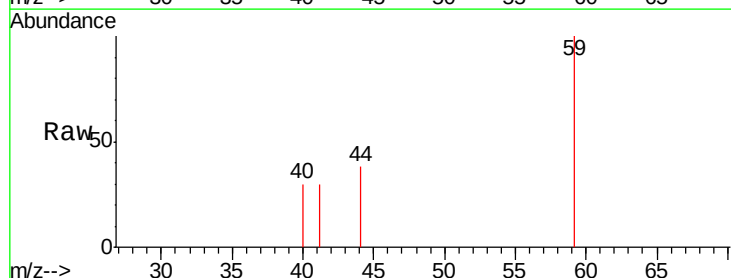
Acq: 21 Nov 2018 13:37

Tgt Ion: 59 Resp: 167

Ion Ratio Lower Upper

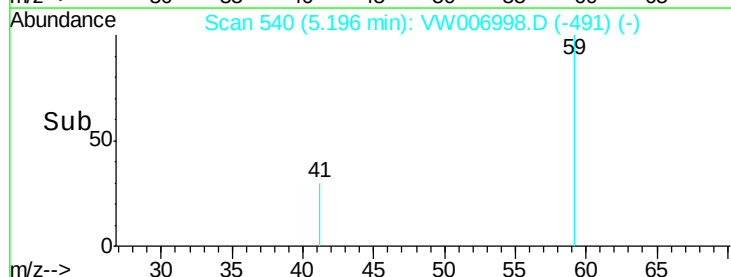
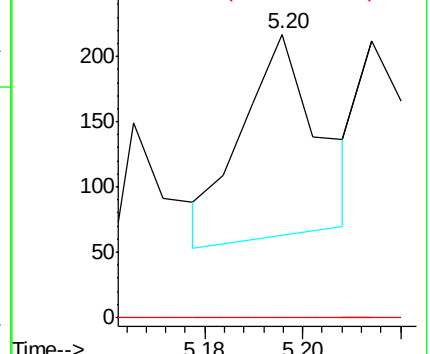
59 100

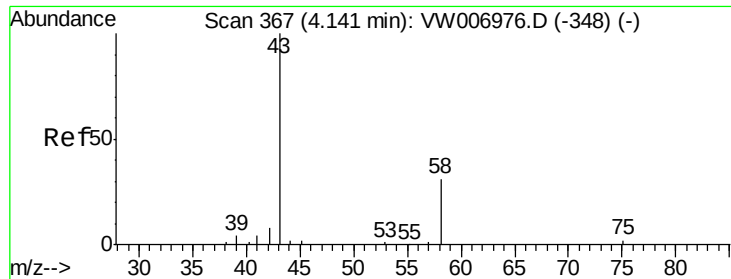
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 19.84 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006998.D

Acq: 21 Nov 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

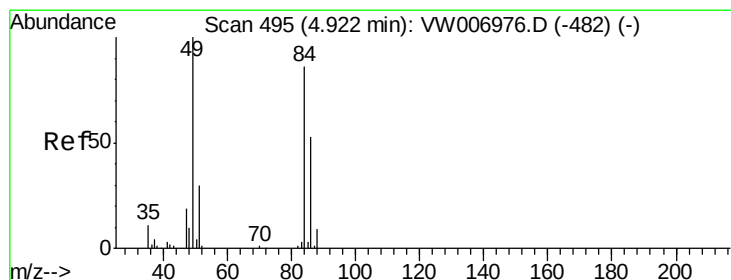
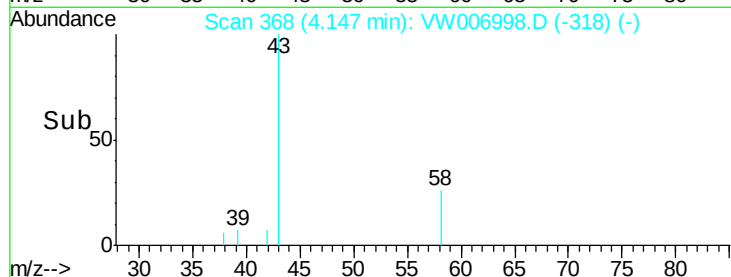
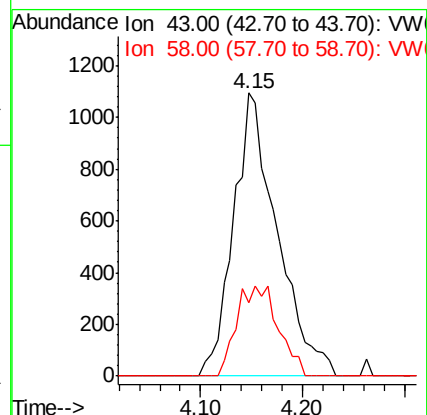
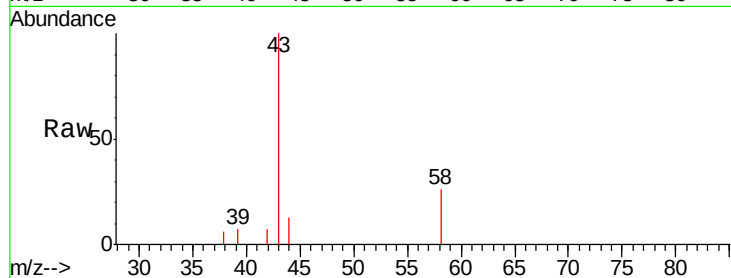
SSSI-1115-S-AB-1

Tgt Ion: 43 Resp: 3249

Ion Ratio Lower Upper

43 100

58 26.1 24.8 37.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006998.D

Acq: 21 Nov 2018 13:37

Tgt Ion: 84 Resp: 4157

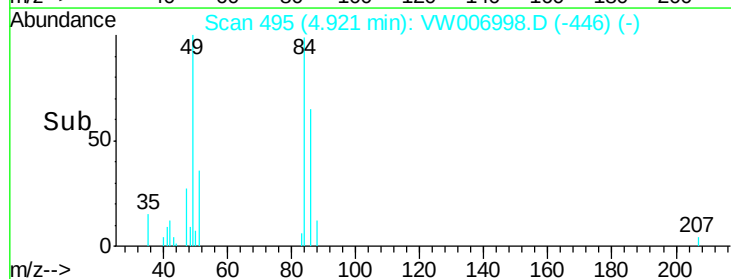
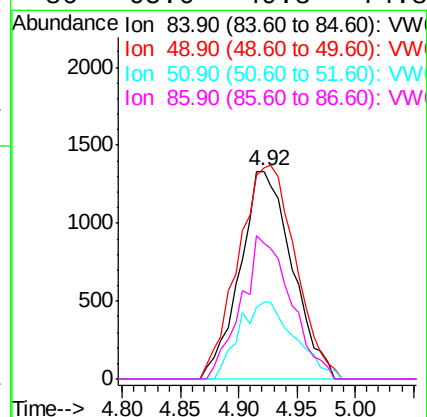
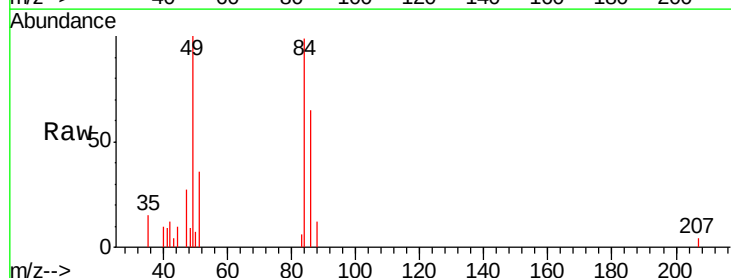
Ion Ratio Lower Upper

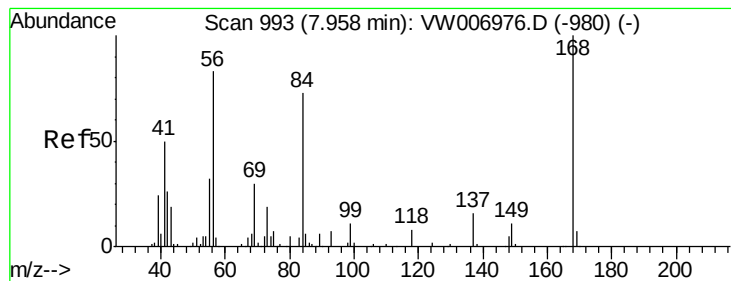
84 100

49 101.4 93.4 140.0

51 36.9 28.4 42.6

86 65.6 49.8 74.8





#31

Cyclohexane

Concen: 1.07 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006998.D

Acq: 21 Nov 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1115-S-AB-1

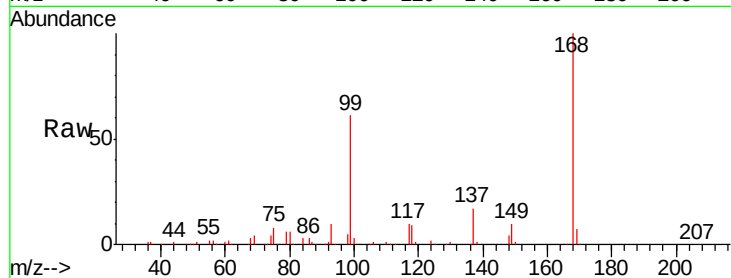
Tgt Ion: 56 Resp: 2331

Ion Ratio Lower Upper

56 100

69 195.1 29.1 43.7#

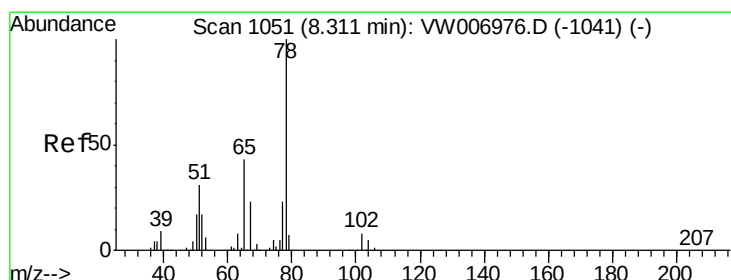
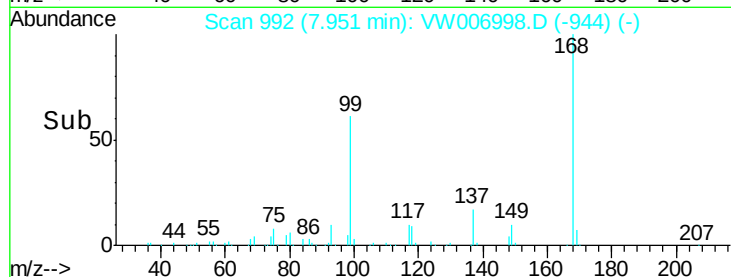
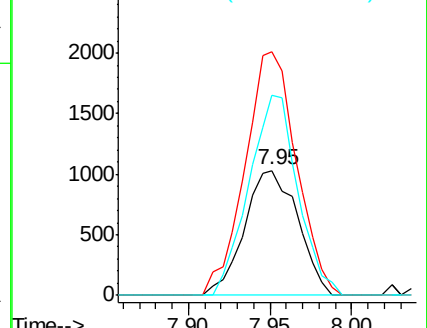
84 160.9 70.6 105.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 55.28 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006998.D

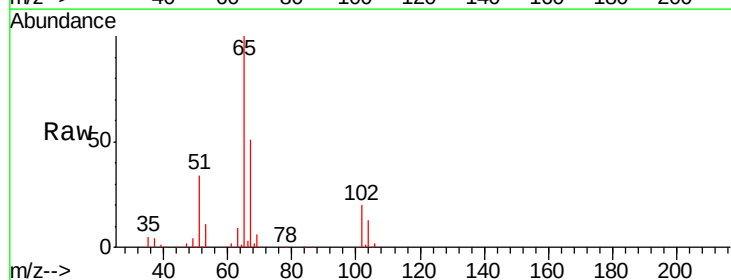
Acq: 21 Nov 2018 13:37

Tgt Ion: 65 Resp: 62358

Ion Ratio Lower Upper

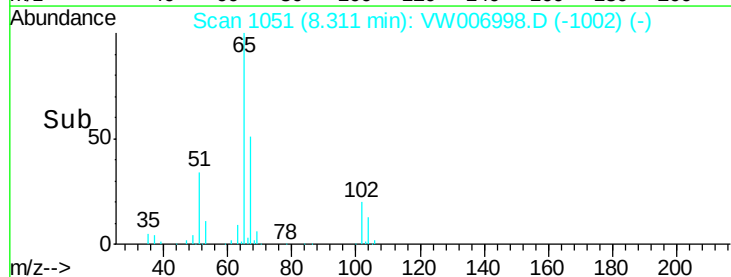
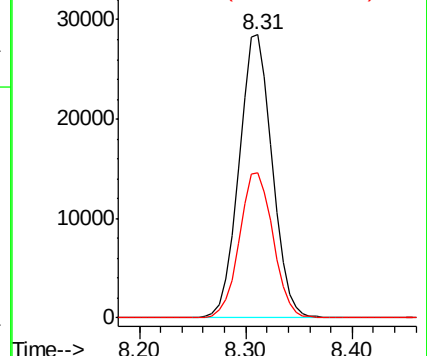
65 100

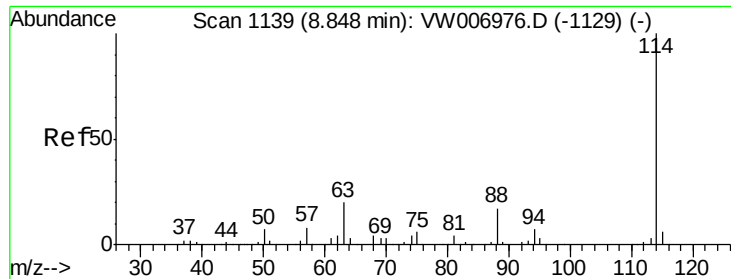
67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

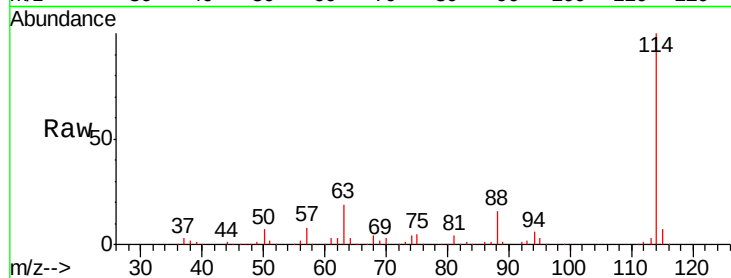




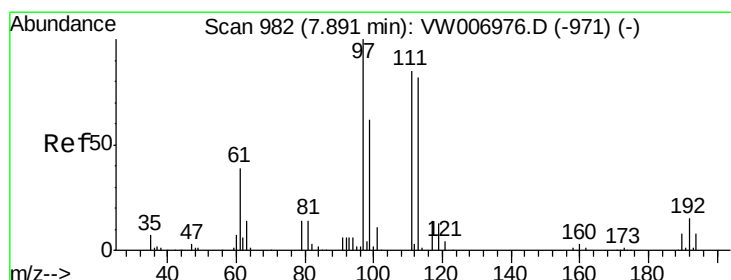
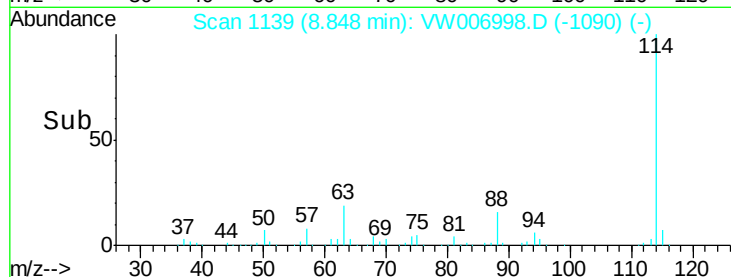
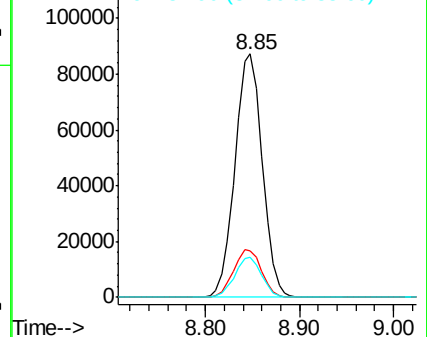
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006998.D
 Acq: 21 Nov 2018 13:37

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 SSSI-1115-S-AB-1

Tgt Ion:114 Resp: 175069
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 16.5 0.0 34.2

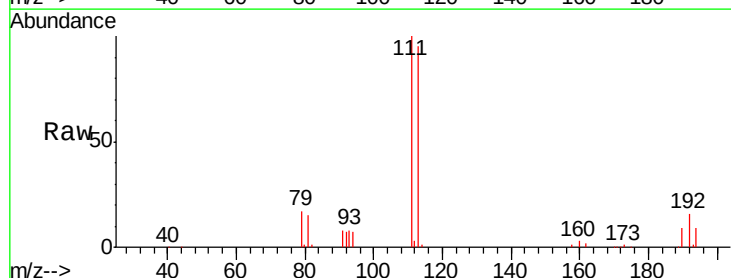


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

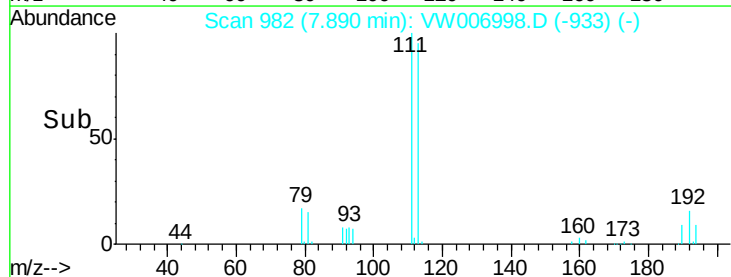
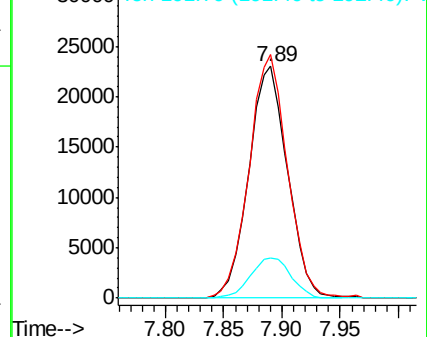


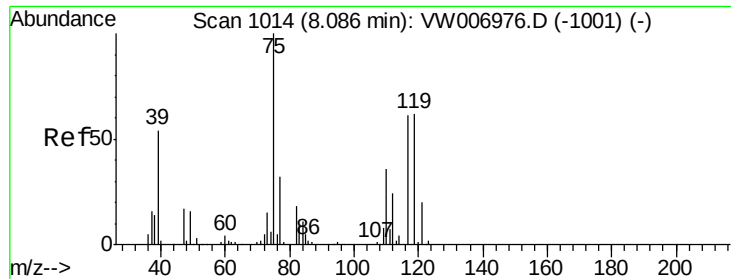
#35
 Dibromofluoromethane
 Concen: 53.88 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006998.D
 Acq: 21 Nov 2018 13:37

Tgt Ion:113 Resp: 53267
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.0 121.6
 192 18.3 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

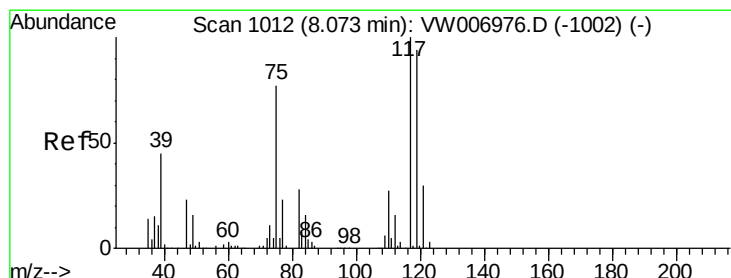
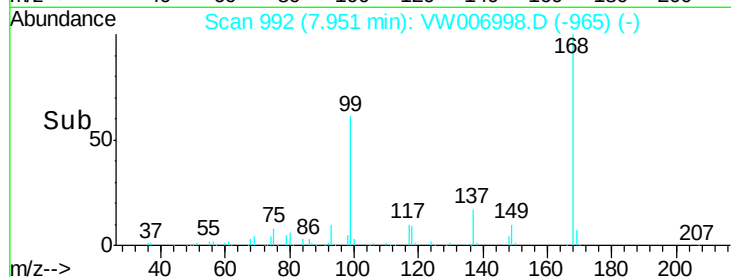
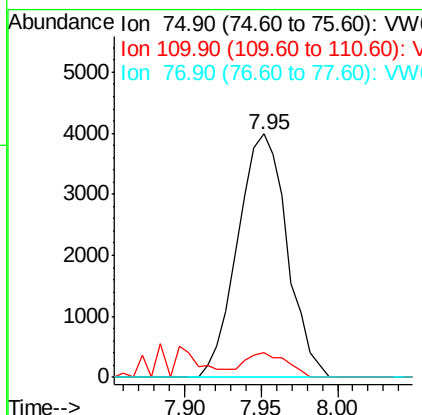
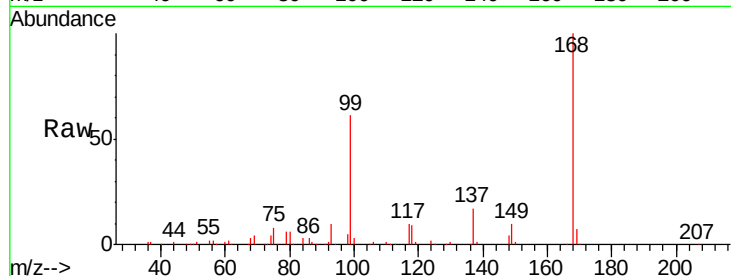




#36
 1,1-Dichloropropene
 Concen: 5.23 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006998.D
 Acq: 21 Nov 2018 13:37

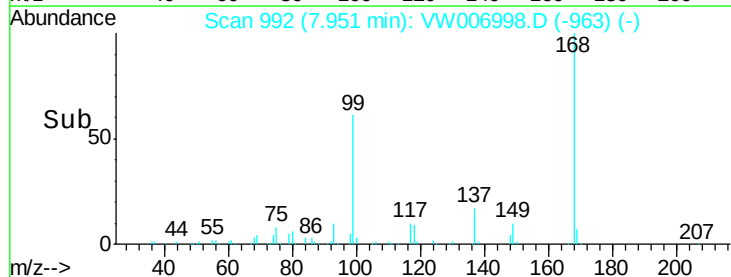
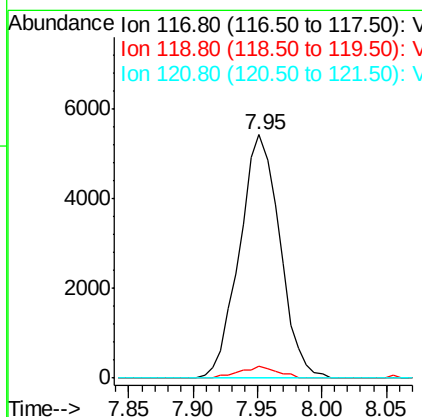
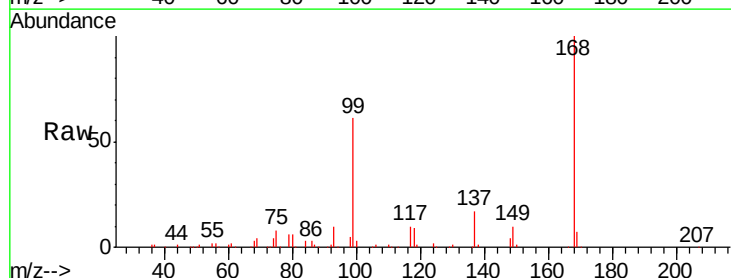
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 SSSI-1115-S-AB-1

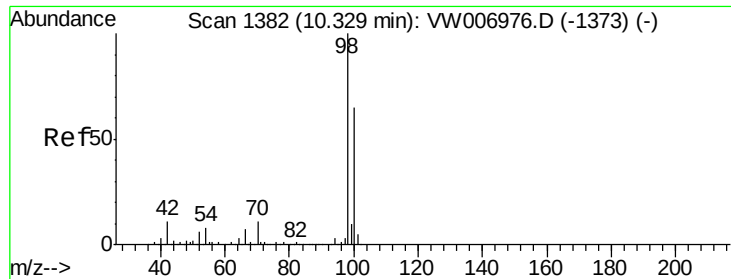
Tgt Ion: 75 Resp: 8944
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.0 54.0#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 7.19 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006998.D
 Acq: 21 Nov 2018 13:37

Tgt Ion: 117 Resp: 11786
 Ion Ratio Lower Upper
 117 100
 119 4.8 74.9 112.3#
 121 0.0 23.6 35.4#





#50

Toluene-d8

Concen: 50.16 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006998.D

Acq: 21 Nov 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

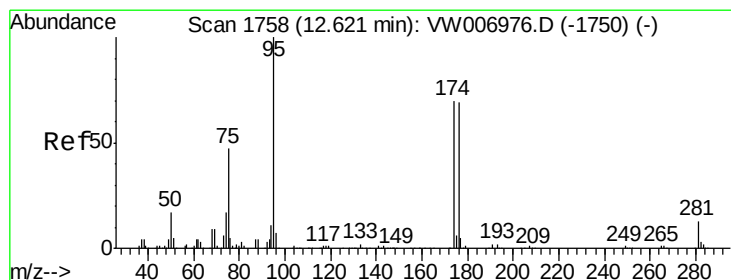
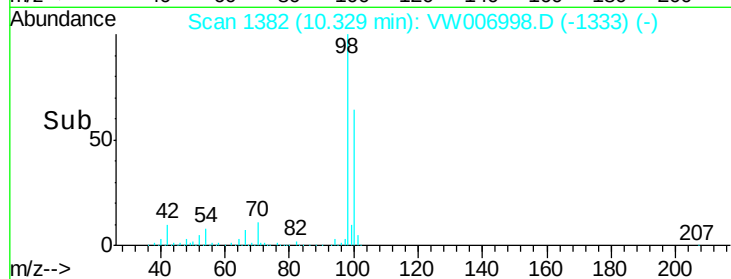
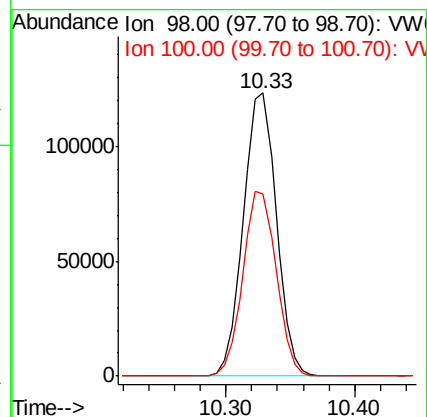
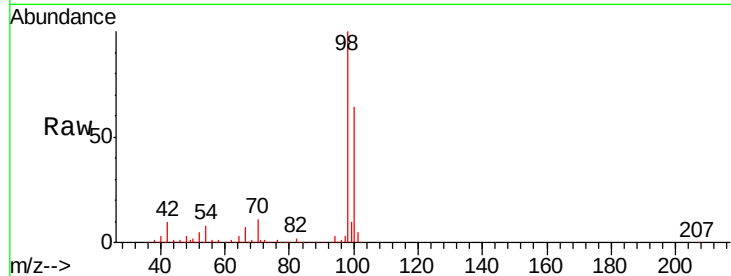
SSSI-1115-S-AB-1

Tgt Ion: 98 Resp: 218989

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 34.53 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006998.D

Acq: 21 Nov 2018 13:37

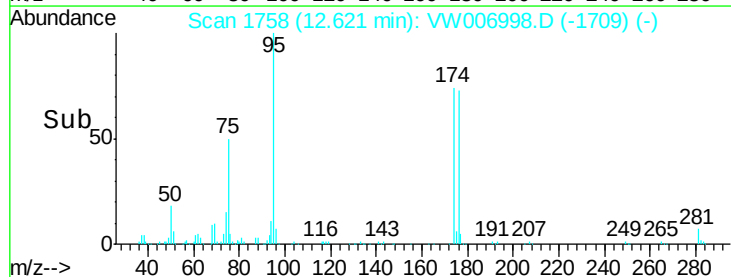
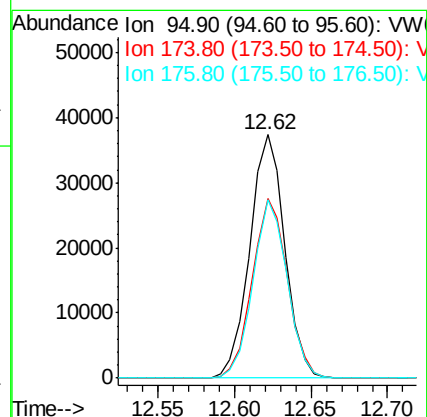
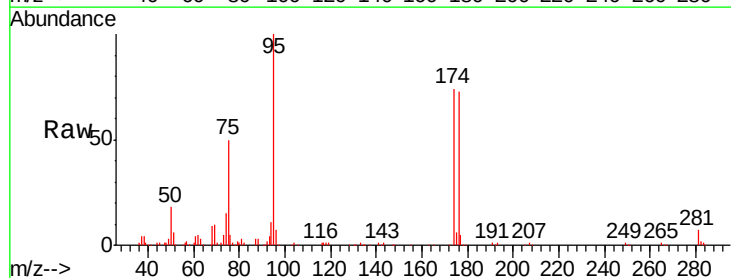
Tgt Ion: 95 Resp: 59316

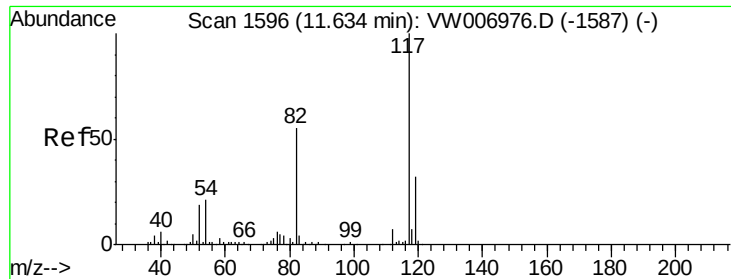
Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.6

176 71.8 0.0 140.4

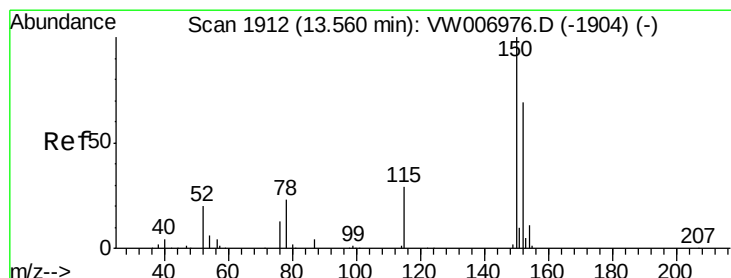
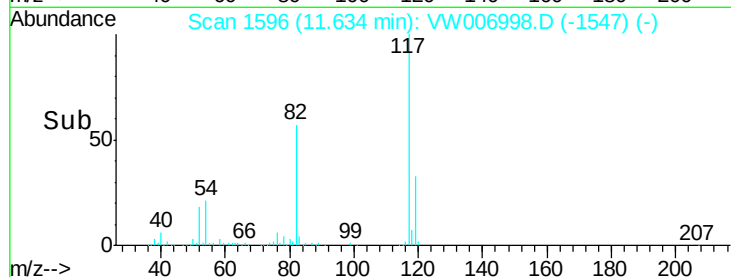
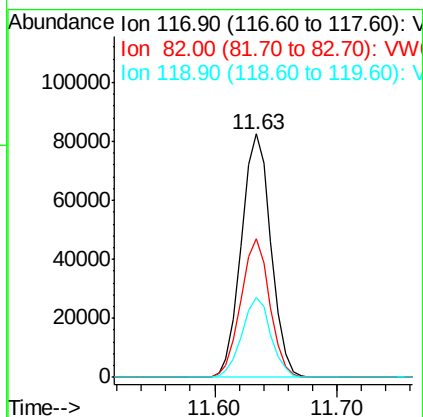
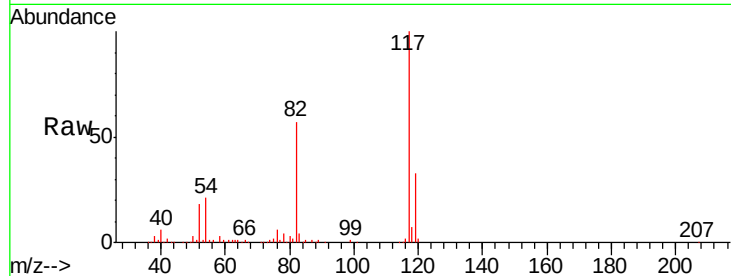




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006998.D
Acq: 21 Nov 2018 13:37

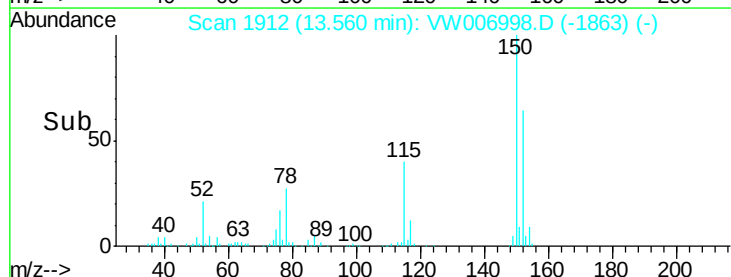
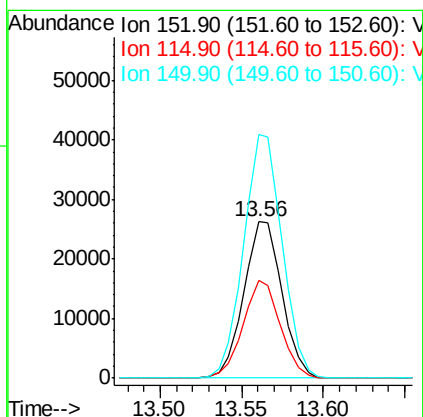
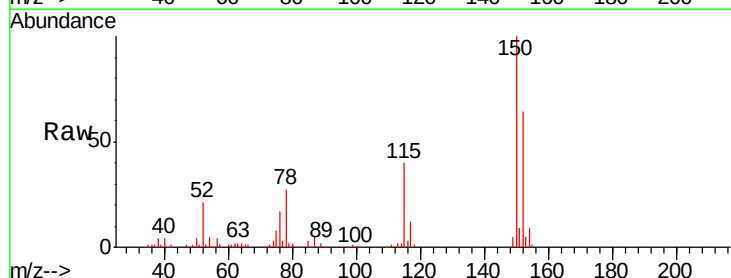
Instrument :
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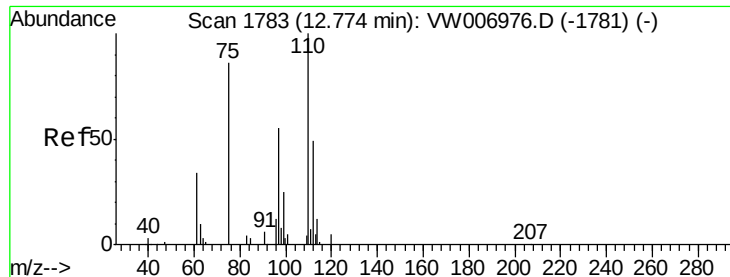
Tgt Ion:117 Resp: 138452
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW006998.D
Acq: 21 Nov 2018 13:37

Tgt Ion:152 Resp: 42591
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 157.8 0.0 353.4





#76

1,2,3-Trichloropropane

Concen: 87.40 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006998.D

Acq: 21 Nov 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

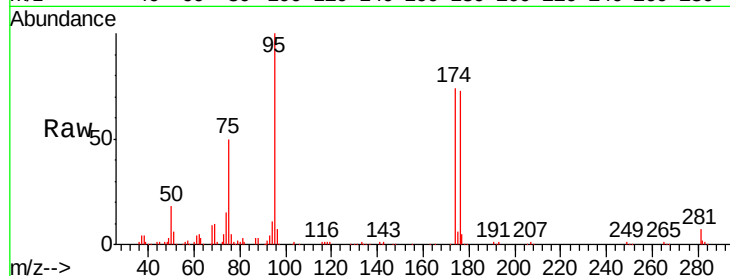
SSSI-1115-S-AB-1

Tgt Ion: 75 Resp: 29251

Ion Ratio Lower Upper

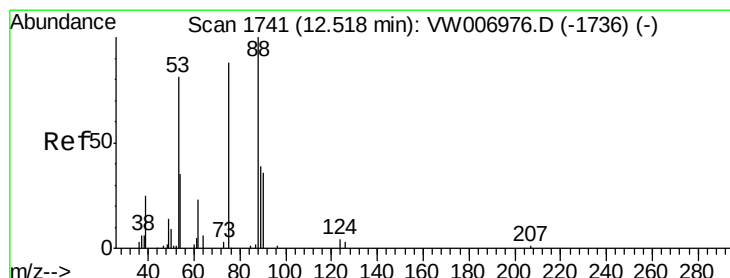
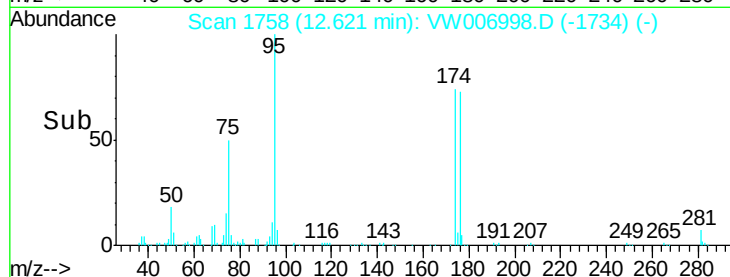
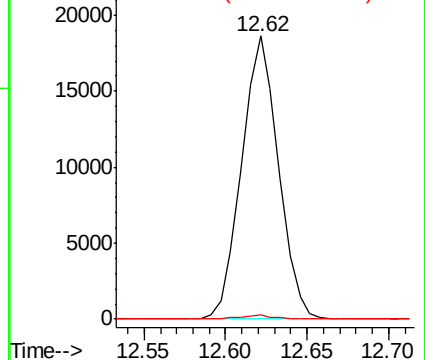
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 219.43 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006998.D

Acq: 21 Nov 2018 13:37

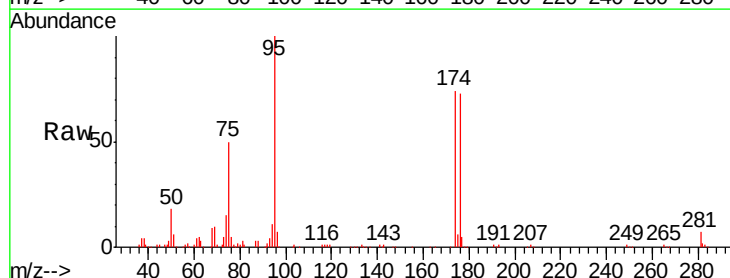
Tgt Ion: 75 Resp: 29251

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 39.3 58.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

