

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 15:09:47 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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%	

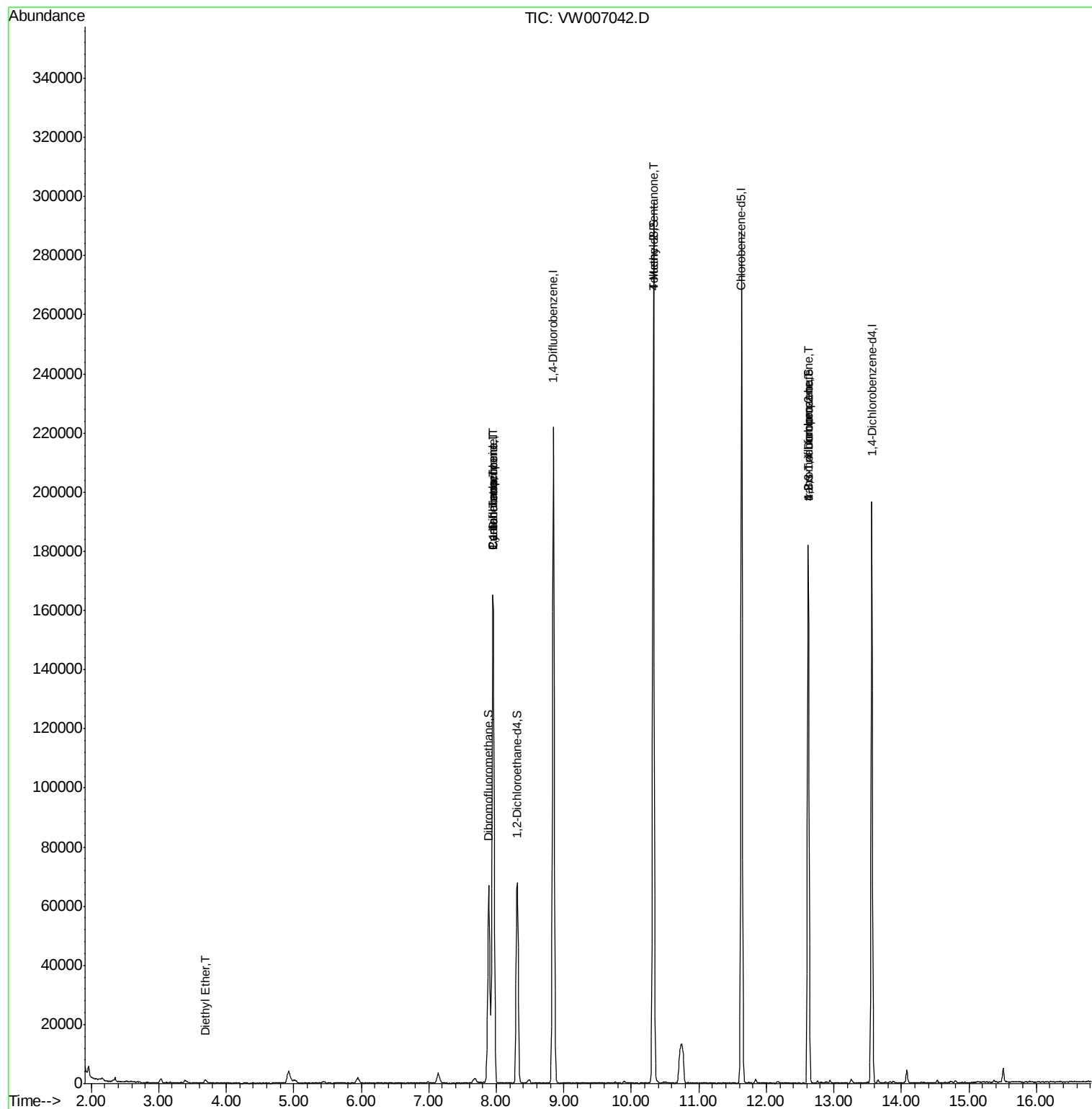
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.70	74	718	1.13	ug/l	90
20) Methylene Chloride	4.93	84	3209	Below Cal		92
31) Cyclohexane	7.95	56	2637	1.13	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9287	4.96	ug/l #	49
38) Carbon Tetrachloride	7.95	117	12916	7.21	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	823	1.26	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	29984	72.76	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	29984	182.68	ug/l #	10

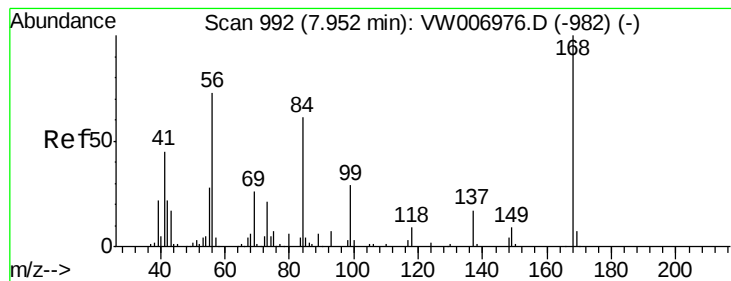
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#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 :

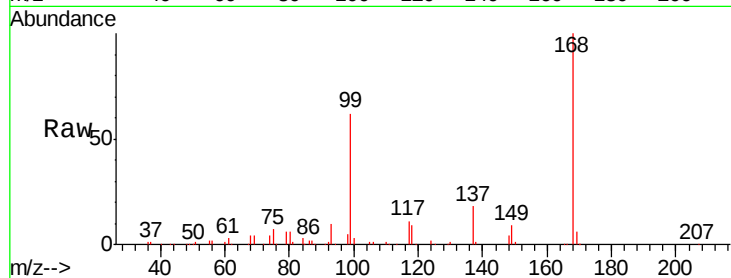
SSSI-1115-S-AB-2RE

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

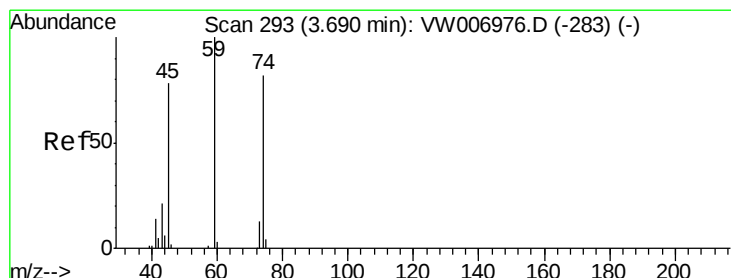
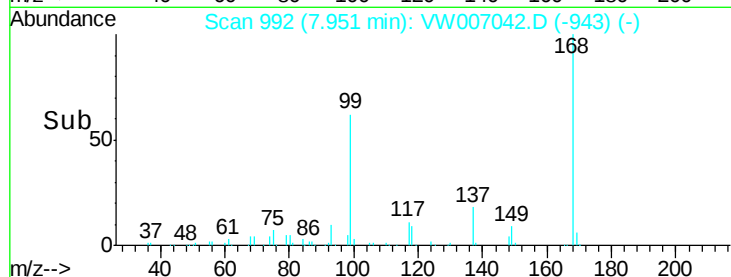
10000

0

7.90

8.00

Time-->



#8

Diethyl Ether

Concen: 1.13 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW007042.D

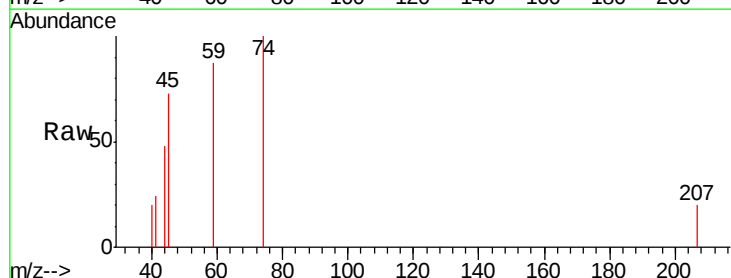
Acq: 26 Nov 2018 13:01

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

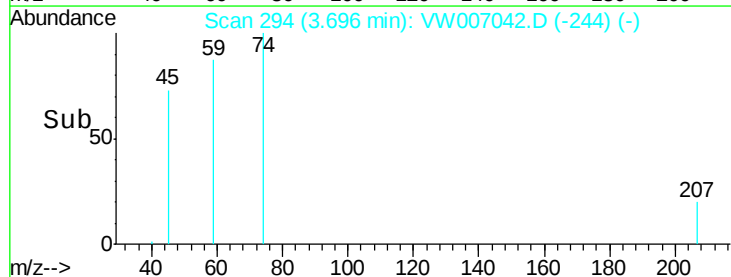
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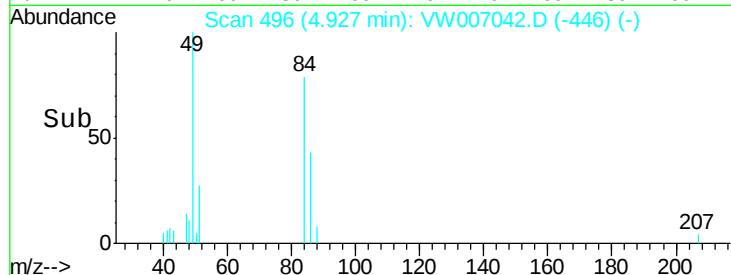
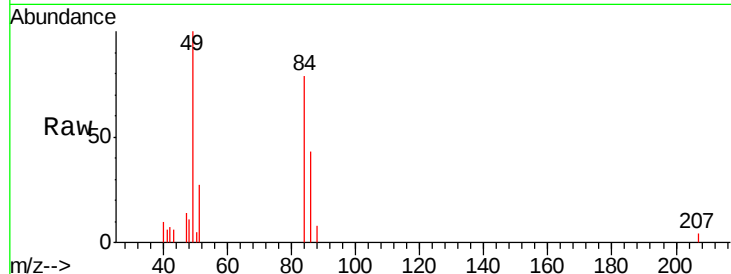
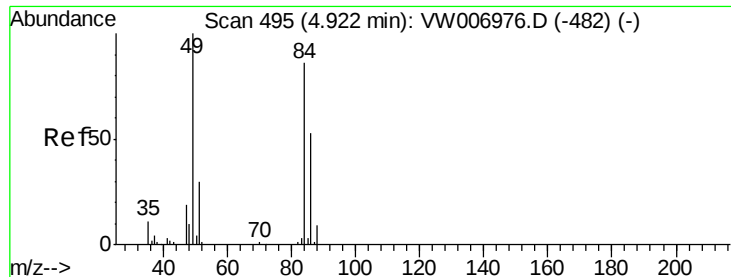
3.65

3.70

3.75

Time-->

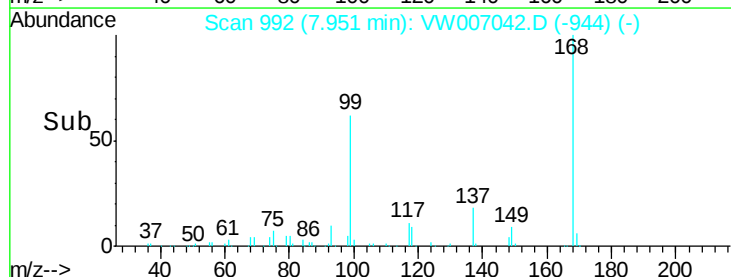
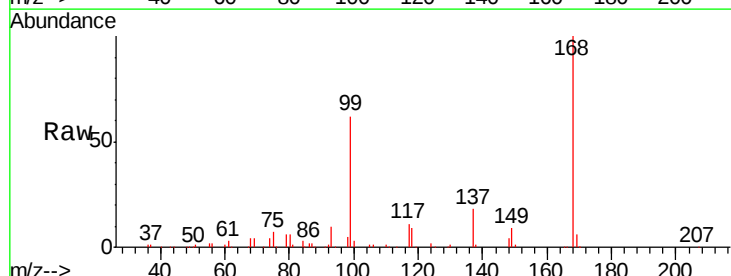
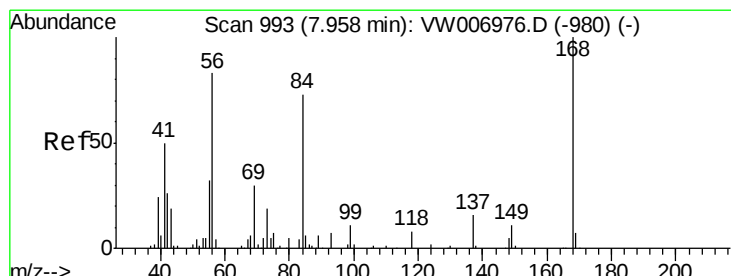
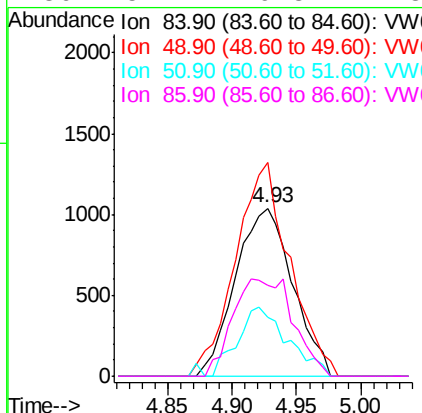




#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007042.D
Acq: 26 Nov 2018 13:01

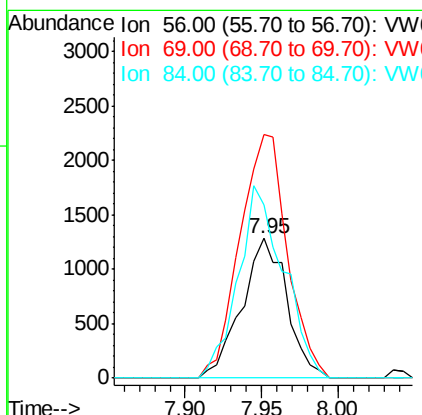
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SSSI-1115-S-AB-2RE

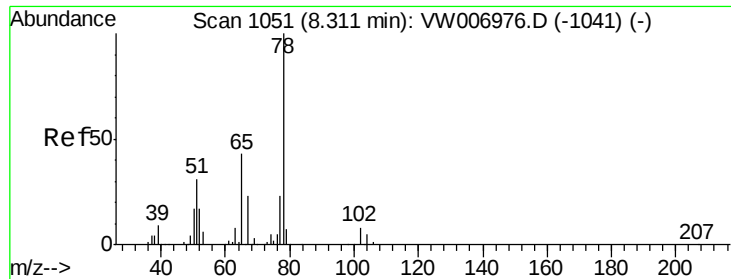
Tgt Ion: 84 Resp: 3209
Ion Ratio Lower Upper
84 100
49 127.1 93.4 140.0
51 34.9 28.4 42.6
86 54.4 49.8 74.8



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007042.D
Acq: 26 Nov 2018 13:01

Tgt Ion: 56 Resp: 2637
Ion Ratio Lower Upper
56 100
69 174.3 29.1 43.7#
84 130.3 70.6 105.8#

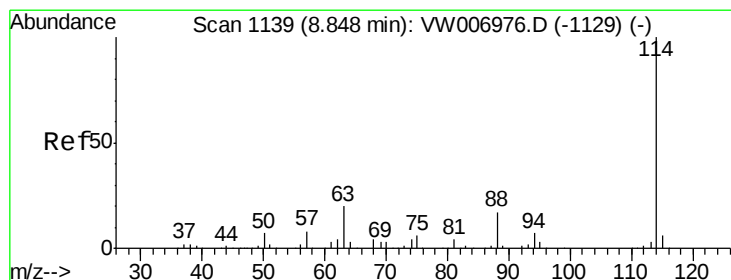
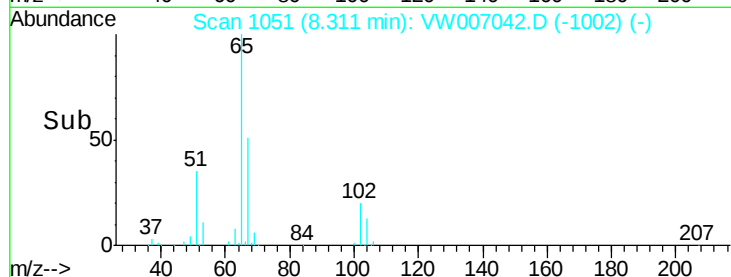
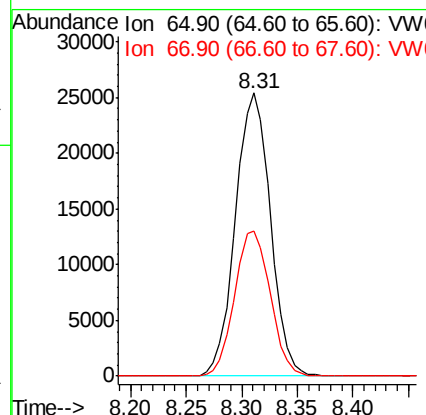
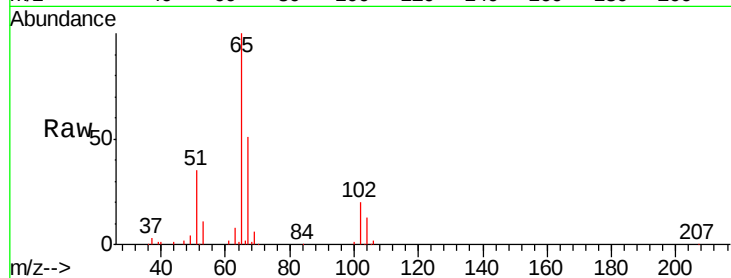




#33
 1,2-Dichloroethane-d4
 Concen: 45.61 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007042.D
 Acq: 26 Nov 2018 13:01

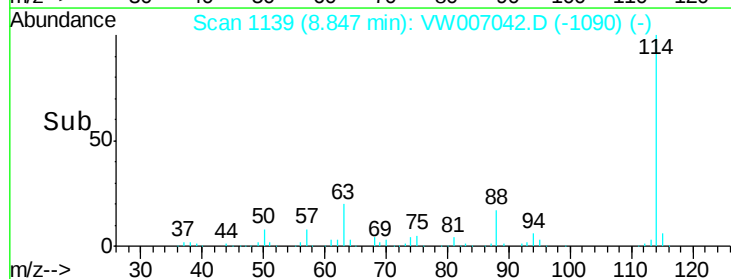
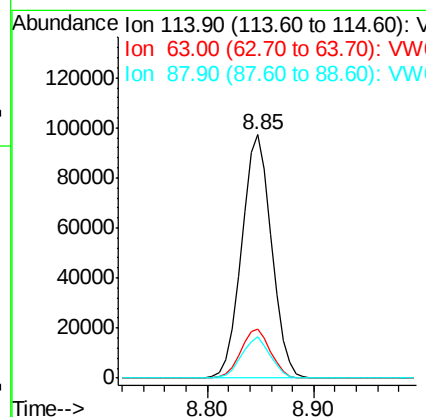
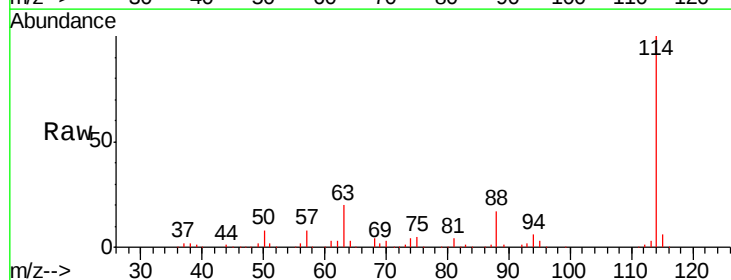
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1115-S-AB-2RE

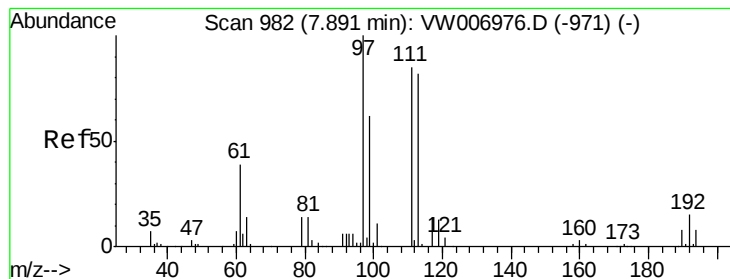
Tgt Ion: 65 Resp: 55438
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#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

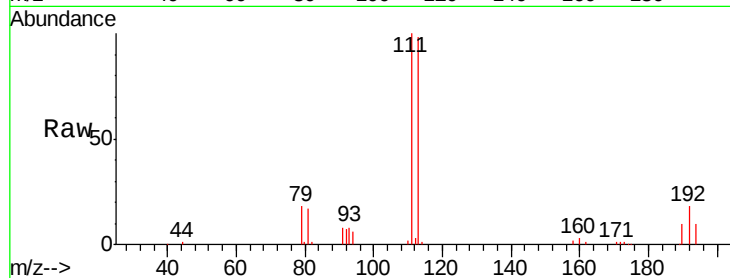
Tgt Ion:113 Resp: 49002

Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.6

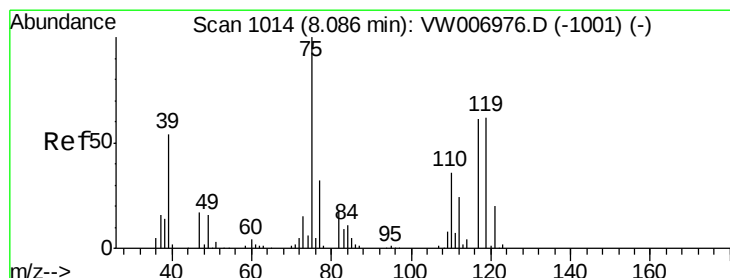
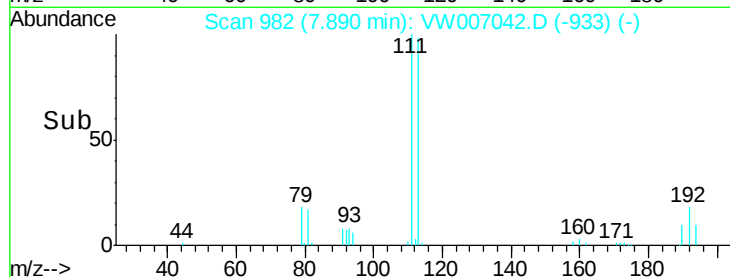
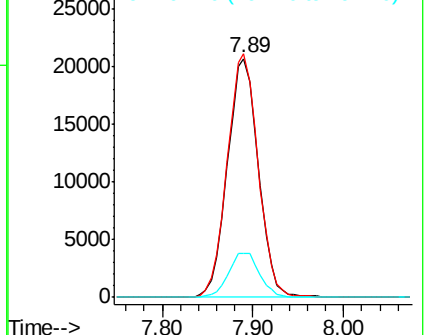
192 18.5 15.0 22.6



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: 4.96 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW007042.D

Acq: 26 Nov 2018 13:01

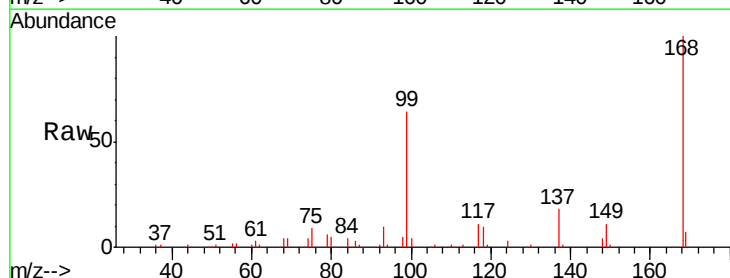
Tgt Ion: 75 Resp: 9287

Ion Ratio Lower Upper

75 100

110 9.3 18.0 54.0#

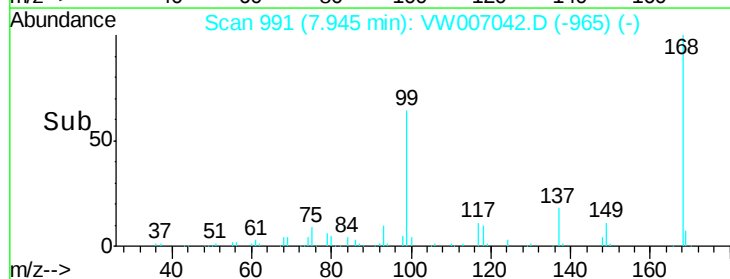
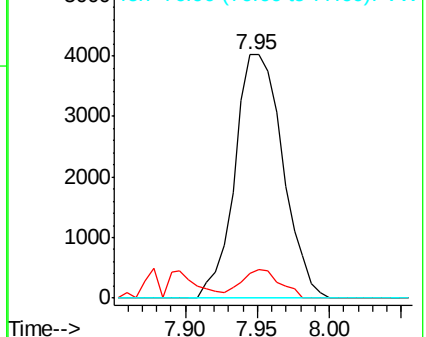
77 0.0 24.9 37.3#

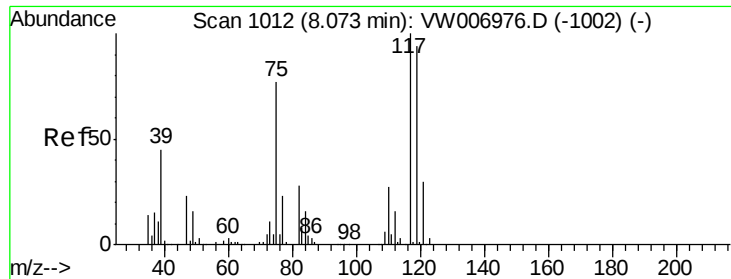


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 7.21 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007042.D

Acq: 26 Nov 2018 13:01

Instrument :

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ClientSampleId :

SSSI-1115-S-AB-2RE

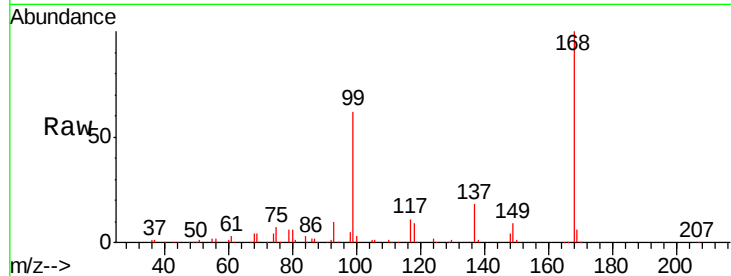
Tgt Ion:117 Resp: 12916

Ion Ratio Lower Upper

117 100

119 3.6 74.9 112.3#

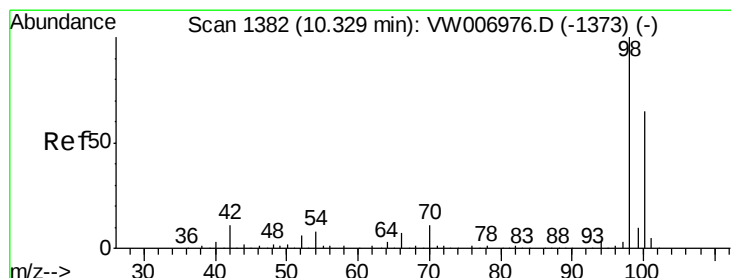
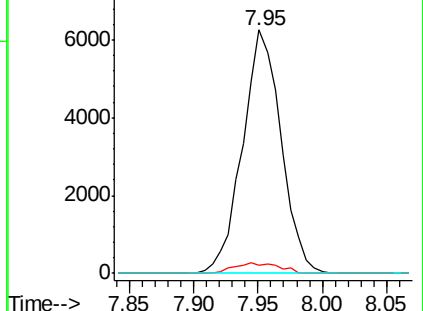
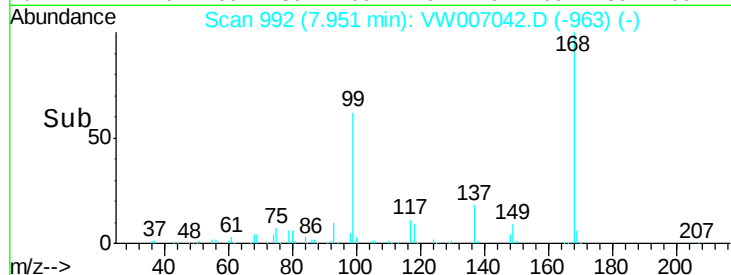
121 0.0 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 41.89 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007042.D

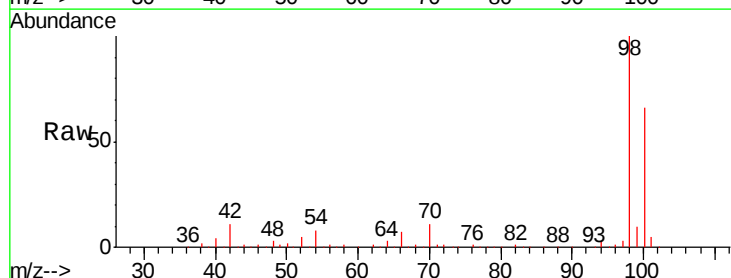
Acq: 26 Nov 2018 13:01

Tgt Ion: 98 Resp: 200131

Ion Ratio Lower Upper

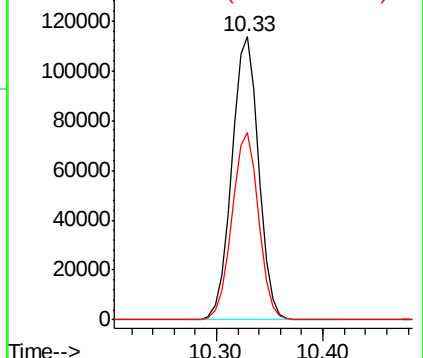
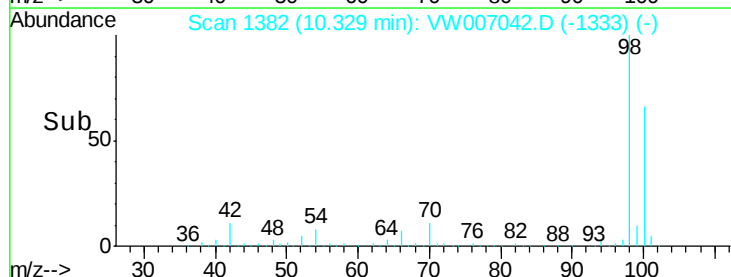
98 100

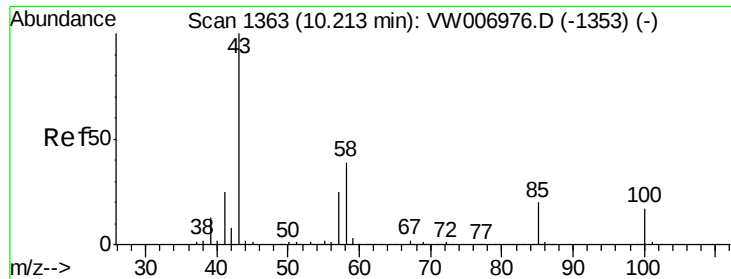
100 65.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.26 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007042.D

Acq: 26 Nov 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

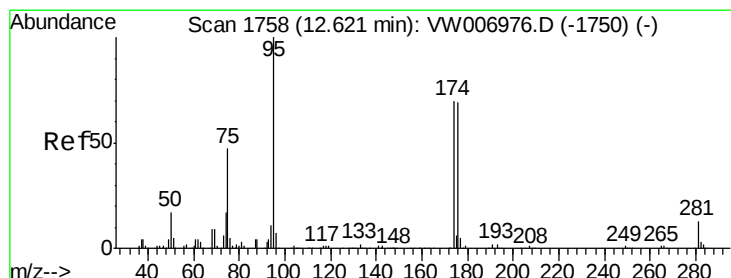
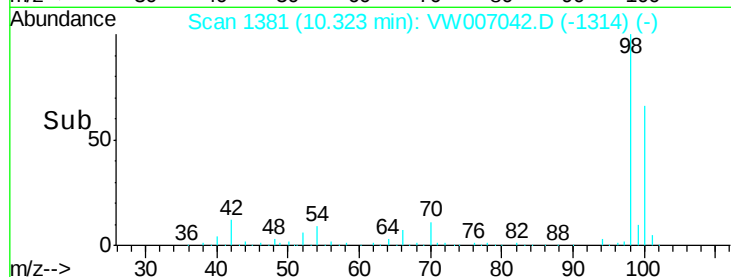
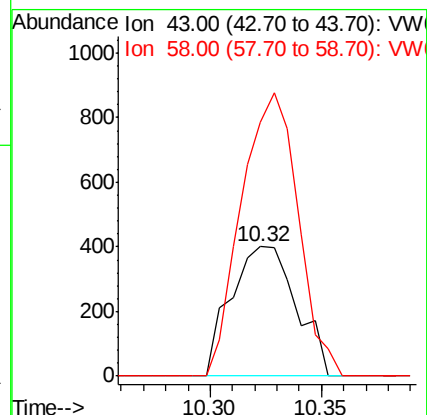
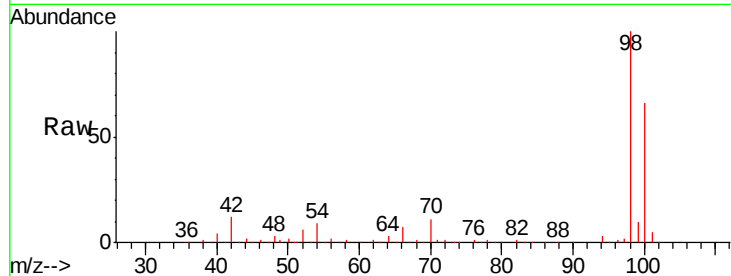
SSSI-1115-S-AB-2RE

Tgt Ion: 43 Resp: 823

Ion Ratio Lower Upper

43 100

58 188.8 31.8 47.6#



#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

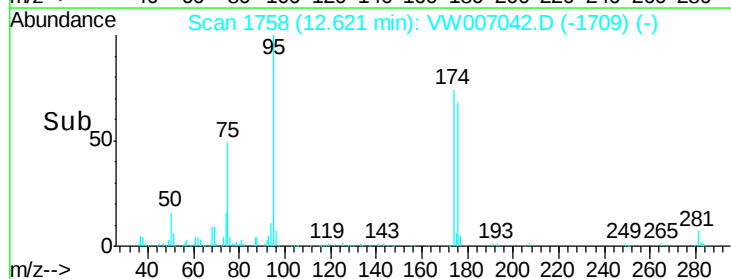
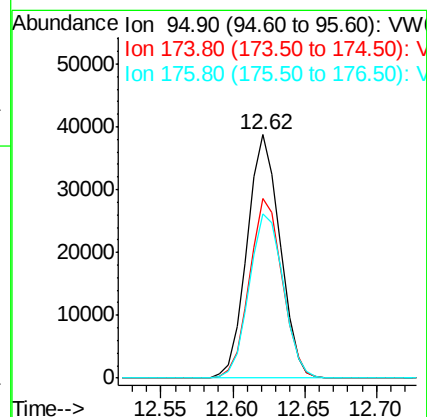
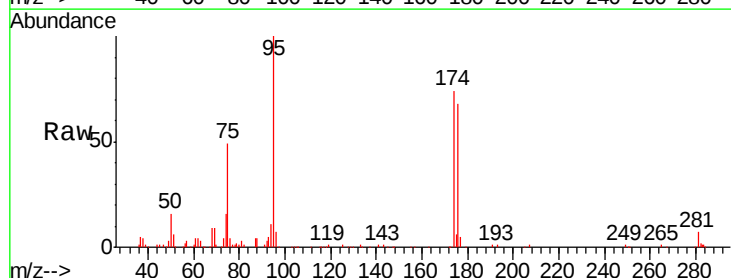
Tgt Ion: 95 Resp: 61158

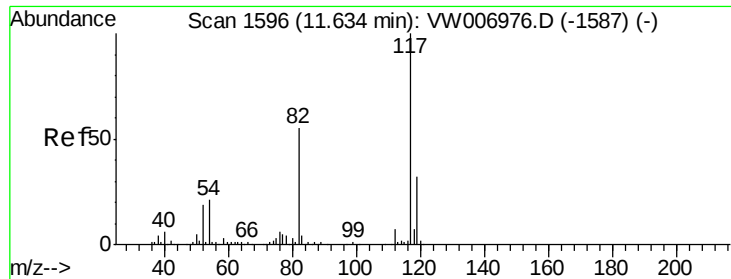
Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.6

176 69.7 0.0 140.4

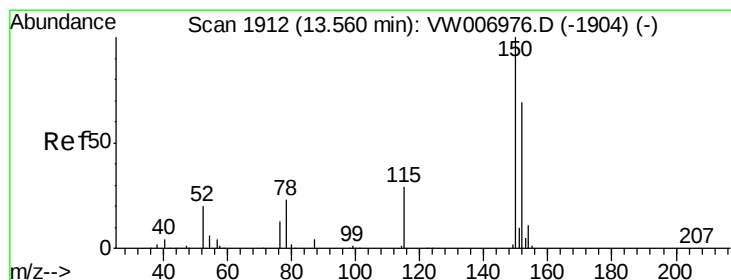
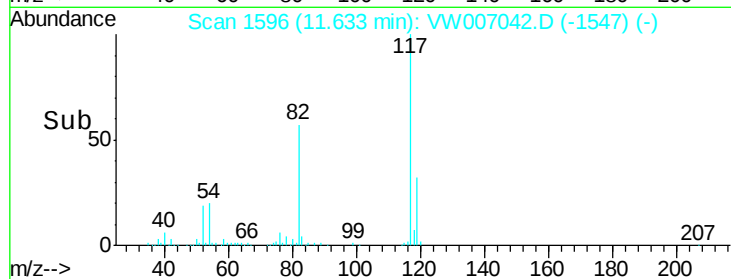
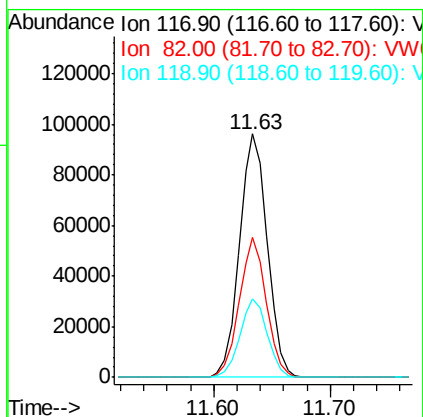
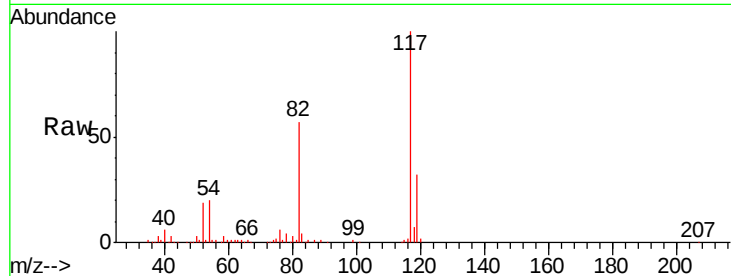




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007042.D
Acq: 26 Nov 2018 13:01

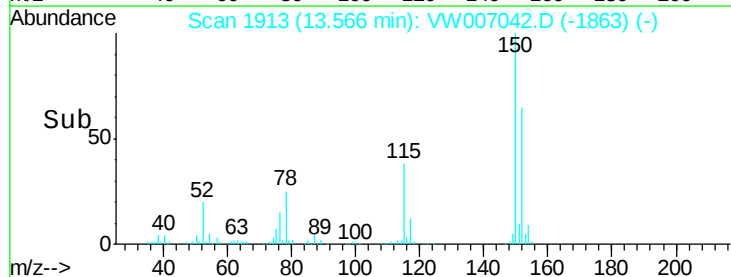
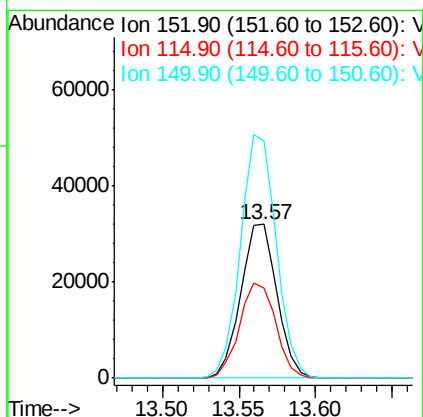
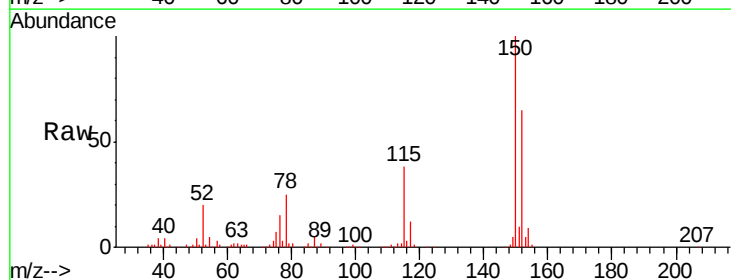
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1115-S-AB-2RE

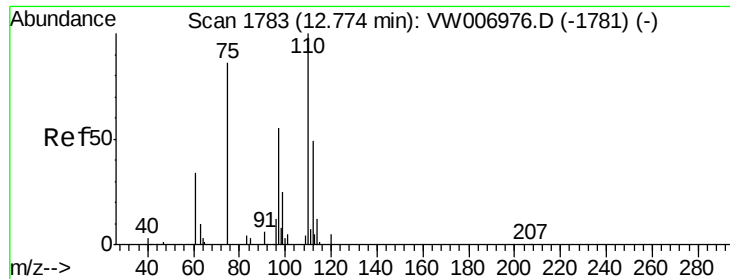
Tgt Ion:117 Resp: 159727
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 32.3 25.9 38.9



#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

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





#76

1,2,3-Trichloropropane

Concen: 72.76 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007042.D

Acq: 26 Nov 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

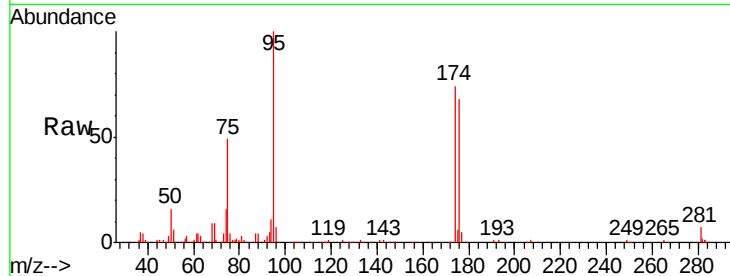
SSSI-1115-S-AB-2RE

Tgt Ion: 75 Resp: 29984

Ion Ratio Lower Upper

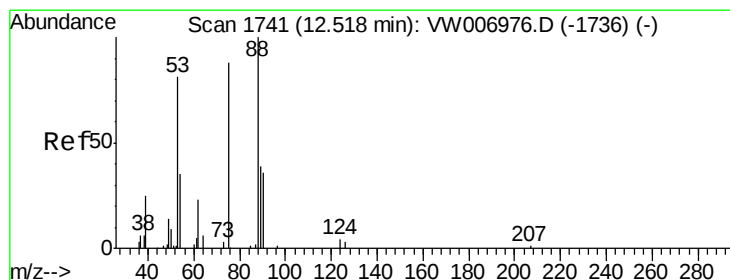
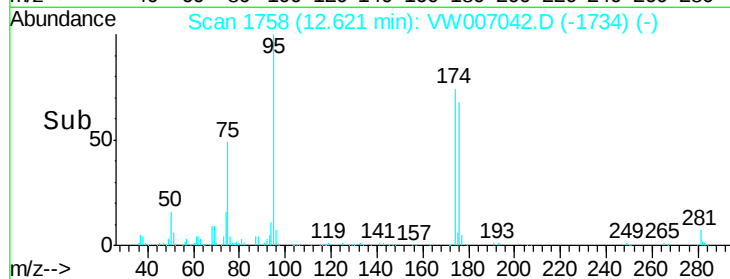
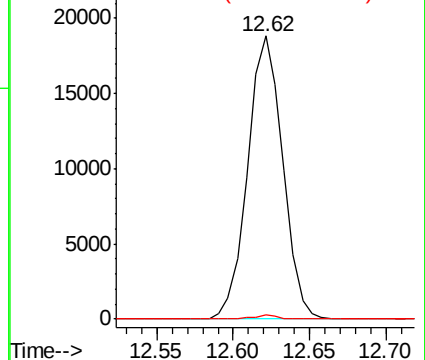
75 100

77 1.0 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: 182.68 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007042.D

Acq: 26 Nov 2018 13:01

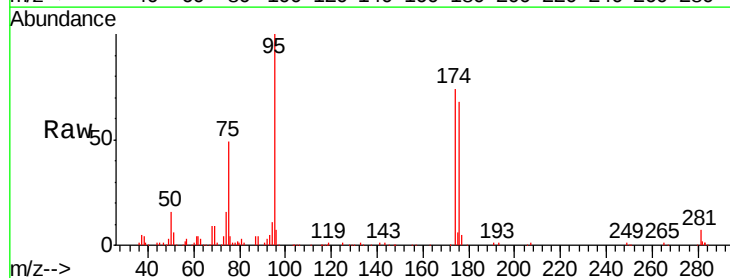
Tgt Ion: 75 Resp: 29984

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

