

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
 Data File : VW006999.D
 Acq On : 21 Nov 2018 14:03
 Operator : VAY/AP
 Sample : J5999-06
 Misc : 4.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 21 16:26:28 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	120524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	189008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	154312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49464	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	59716	50.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.22%	
35) Dibromofluoromethane	7.89	113	52568	49.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.50%	
50) Toluene-d8	10.32	98	216278	45.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.78%	
62) 4-Bromofluorobenzene	12.62	95	66257	35.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	71.44%	

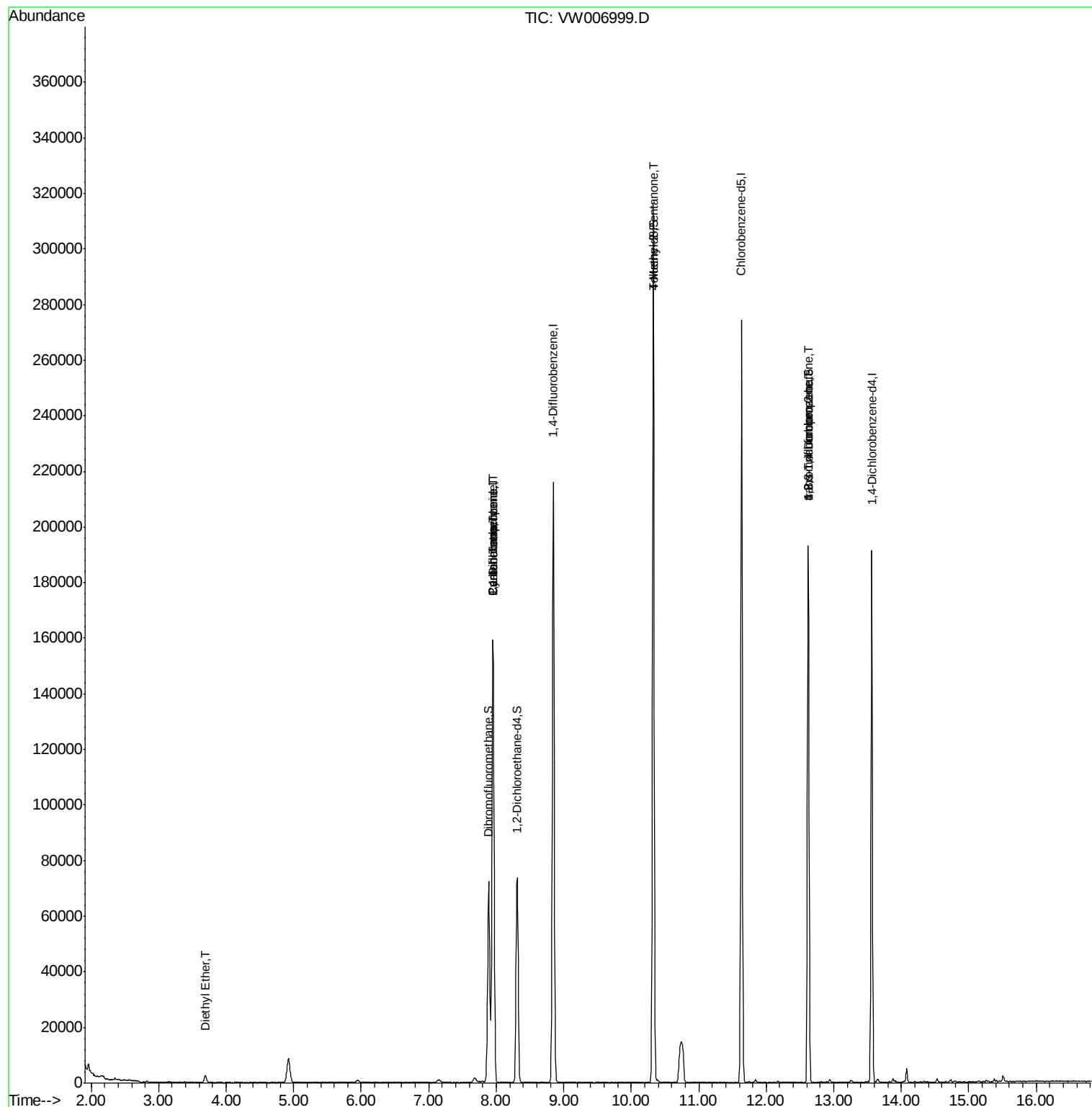
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.70	74	1515	2.45	ug/l	98
20) Methylene Chloride	4.92	84	7104	Below Cal		97
31) Cyclohexane	7.95	56	2385	1.05	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9019	4.88	ug/l #	49
38) Carbon Tetrachloride	7.95	117	12394	7.01	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	921	1.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	31534	81.13	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31534	203.68	ug/l #	10

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

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SSSI-1115-S-AB-2

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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: VW006999.D

Acq: 21 Nov 2018 14:03

Instrument :

MSVOA_W

ClientSampleId :

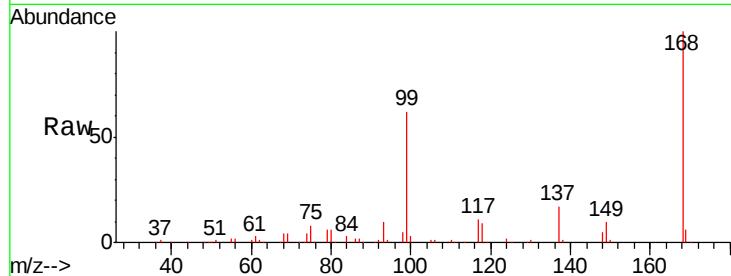
SSSI-1115-S-AB-2

Tgt Ion:168 Resp: 120524

Ion Ratio Lower Upper

168 100

99 62.3 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

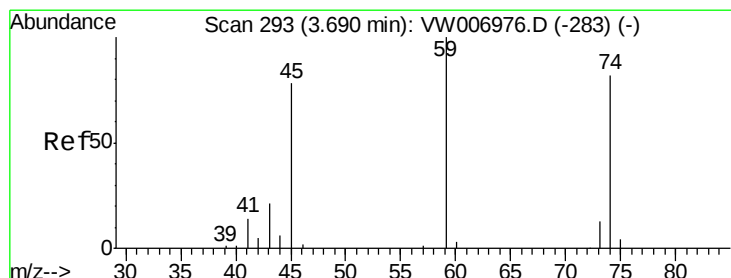
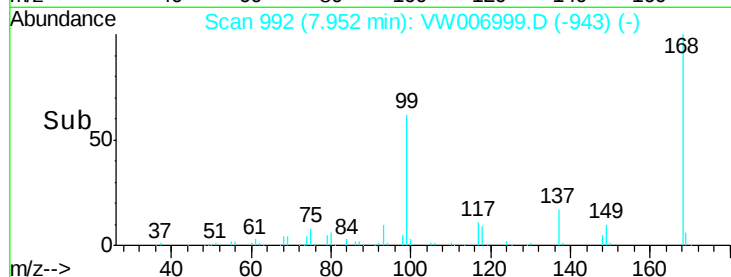
20000

10000

0

Time-->

7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.45 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW006999.D

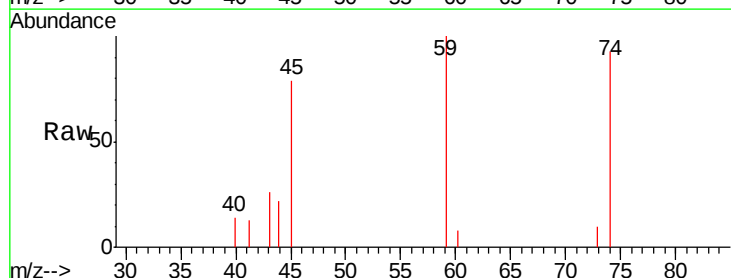
Acq: 21 Nov 2018 14:03

Tgt Ion: 74 Resp: 1515

Ion Ratio Lower Upper

74 100

45 98.3 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

800

600

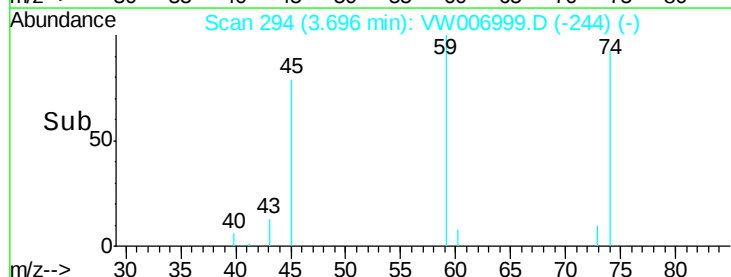
400

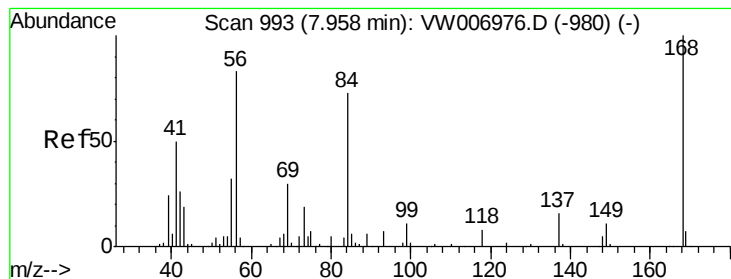
200

0

Time-->

3.60 3.65 3.70 3.75





#31

Cyclohexane

Concen: 1.05 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006999.D

Acq: 21 Nov 2018 14:03

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1115-S-AB-2

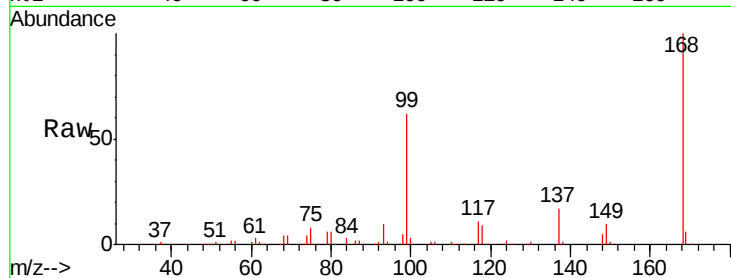
Tgt Ion: 56 Resp: 2385

Ion Ratio Lower Upper

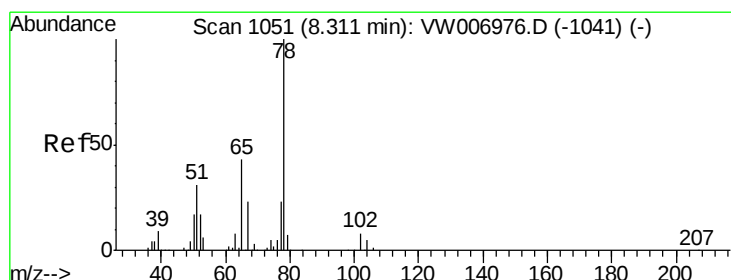
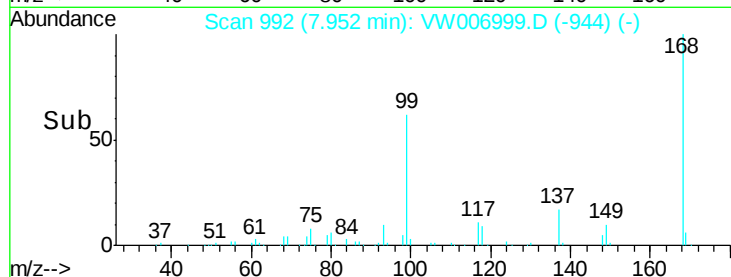
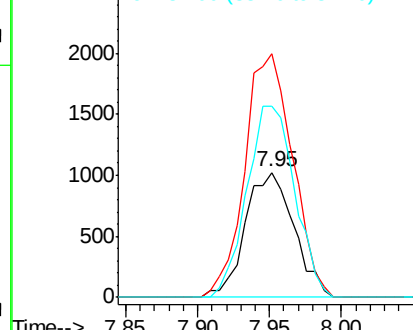
56 100

69 194.9 29.1 43.7#

84 152.8 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: 50.61 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006999.D

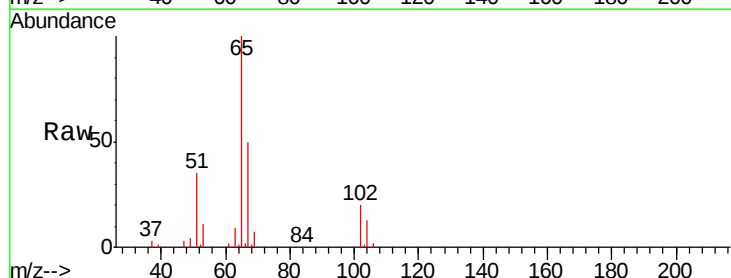
Acq: 21 Nov 2018 14:03

Tgt Ion: 65 Resp: 59716

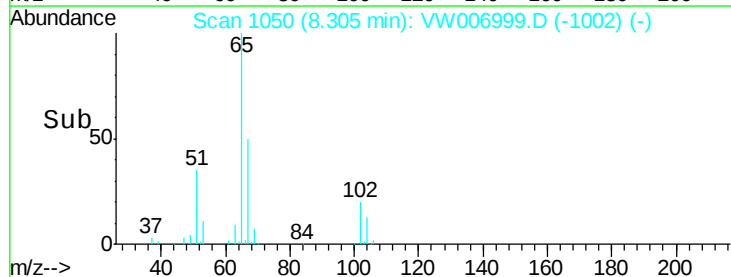
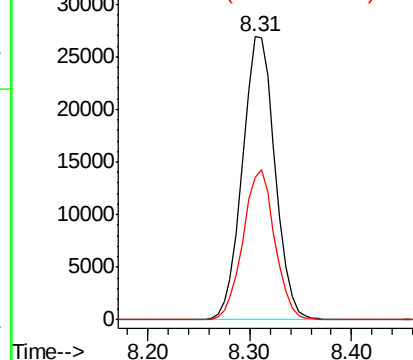
Ion Ratio Lower Upper

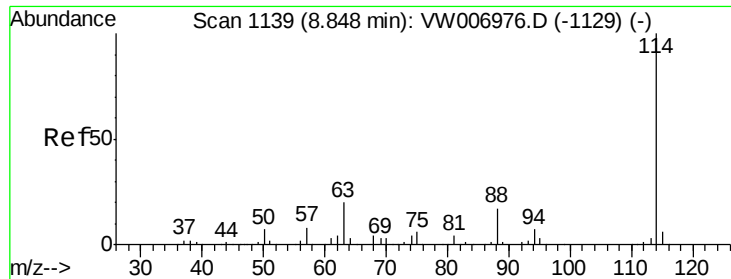
65 100

67 51.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

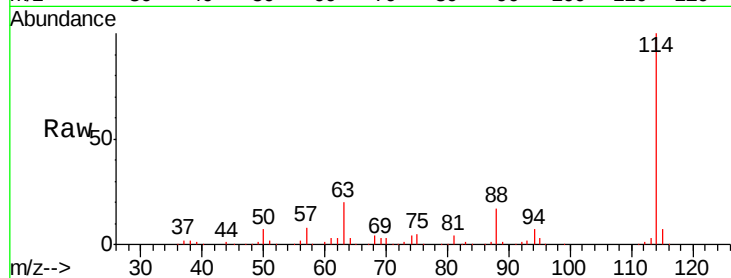




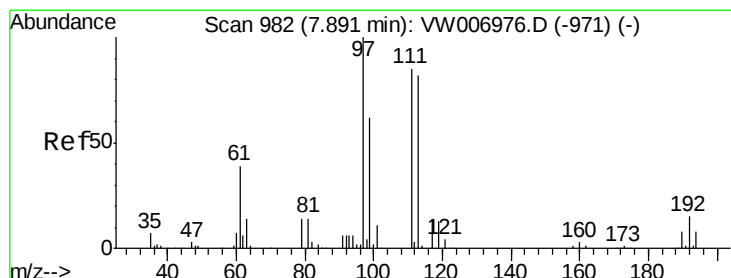
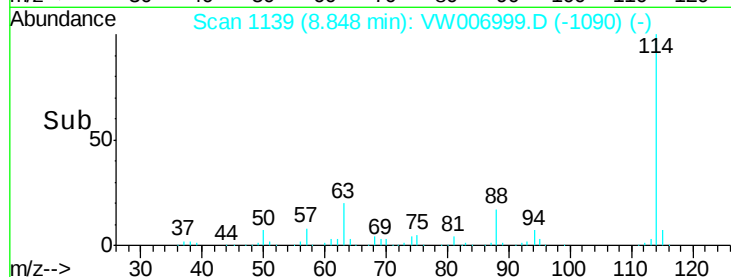
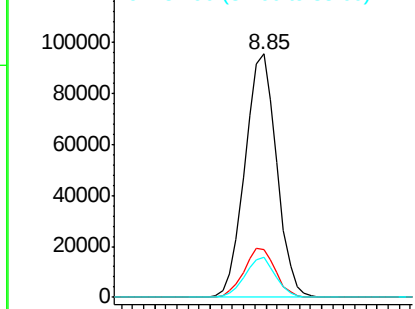
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006999.D
 Acq: 21 Nov 2018 14:03

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

Tgt Ion:114 Resp: 189008
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 16.5 0.0 34.2

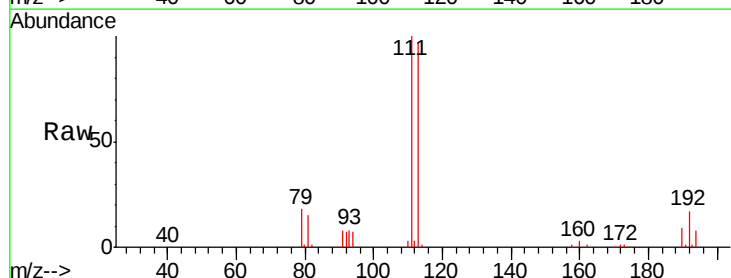


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

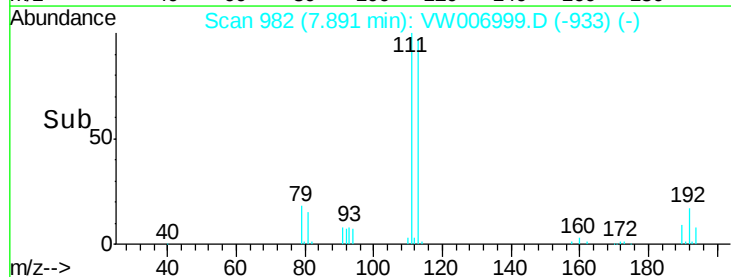
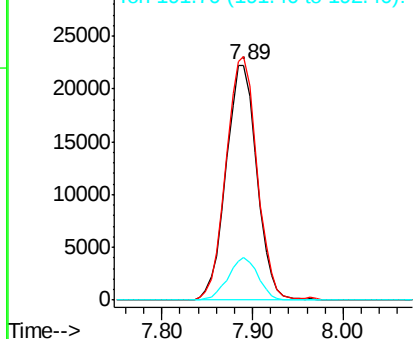


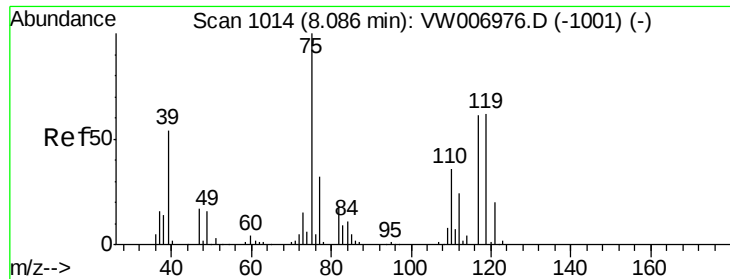
#35
 Dibromofluoromethane
 Concen: 49.25 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006999.D
 Acq: 21 Nov 2018 14:03

Tgt Ion:113 Resp: 52568
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.0 121.6
 192 17.7 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

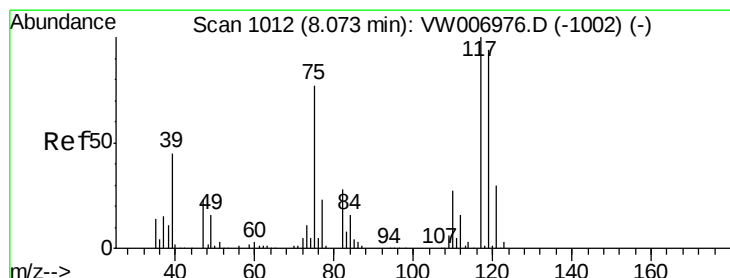
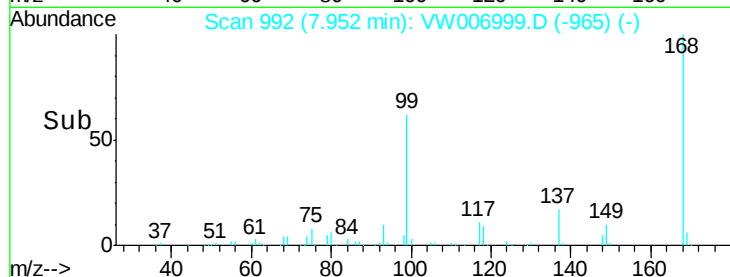
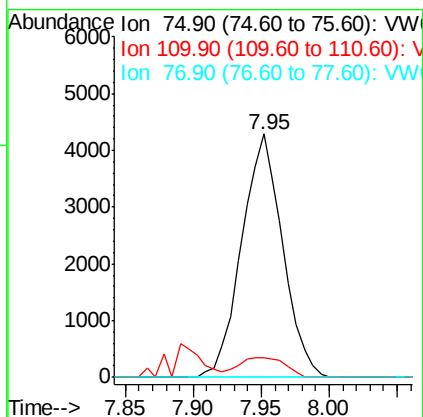
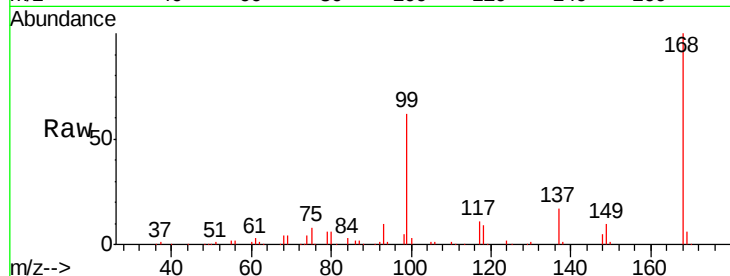




#36
 1,1-Dichloropropene
 Concen: 4.88 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006999.D
 Acq: 21 Nov 2018 14:03

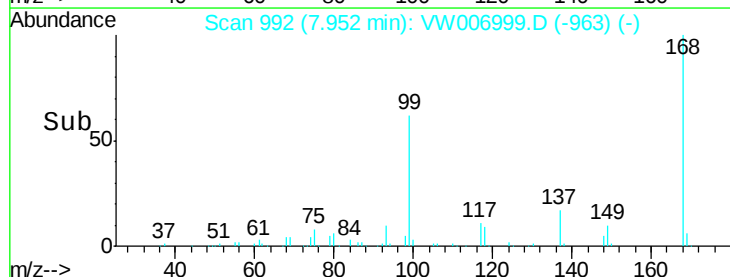
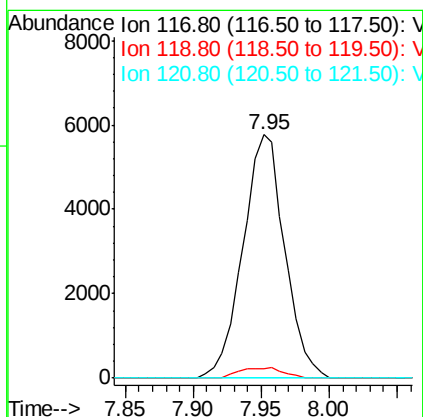
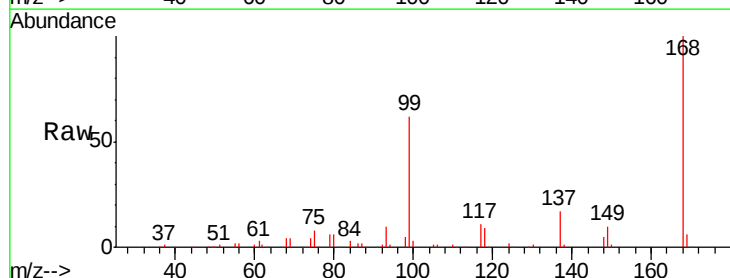
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1115-S-AB-2

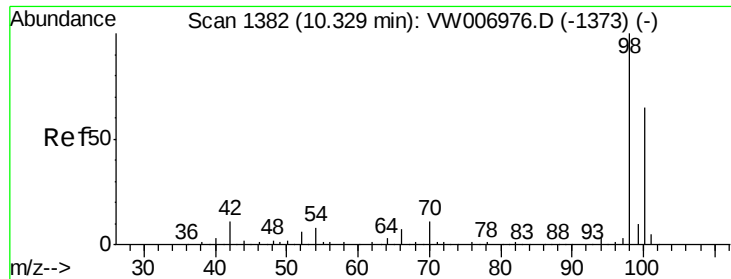
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 7.01 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006999.D
 Acq: 21 Nov 2018 14:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 45.89 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006999.D

Acq: 21 Nov 2018 14:03

Instrument :

MSVOA_W

ClientSampleId :

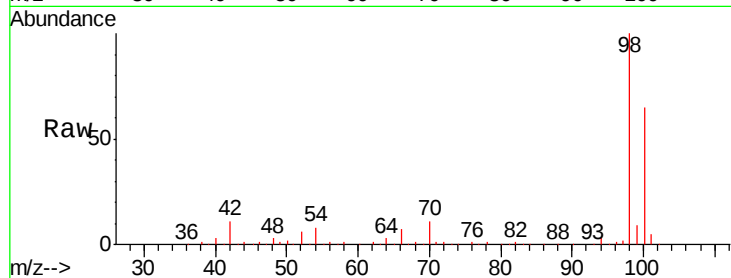
SSSI-1115-S-AB-2

Tgt Ion: 98 Resp: 216278

Ion Ratio Lower Upper

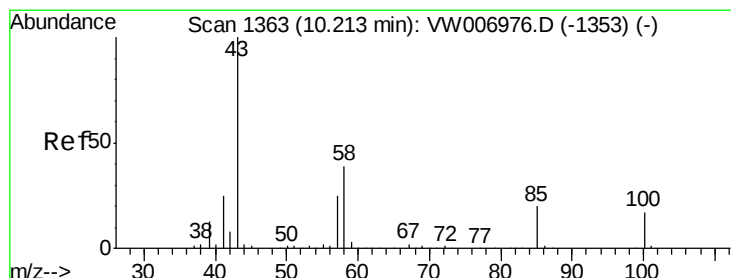
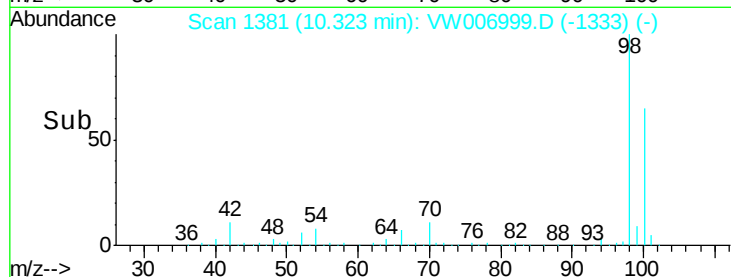
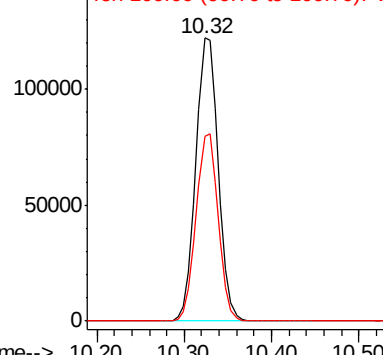
98 100

100 65.5 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: 1.43 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006999.D

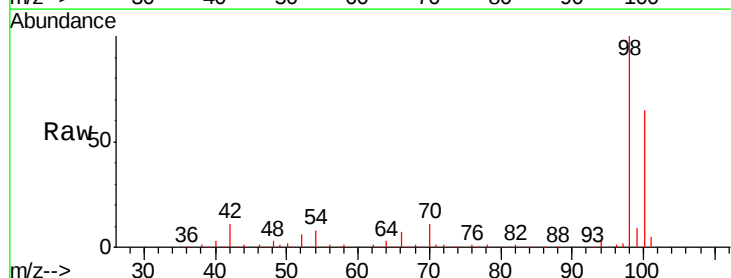
Acq: 21 Nov 2018 14:03

Tgt Ion: 43 Resp: 921

Ion Ratio Lower Upper

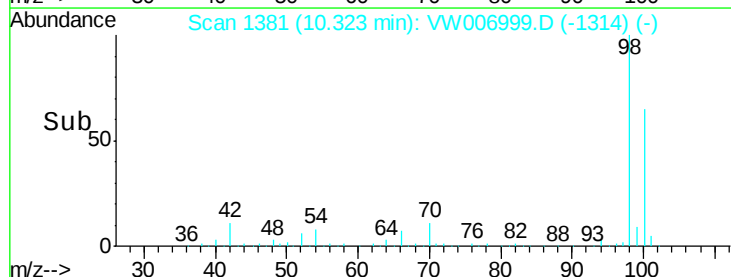
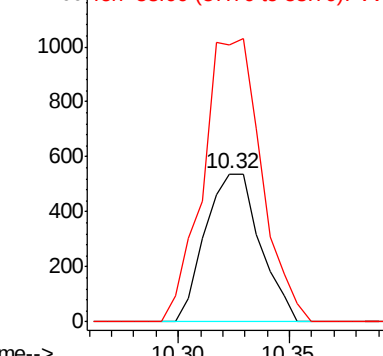
43 100

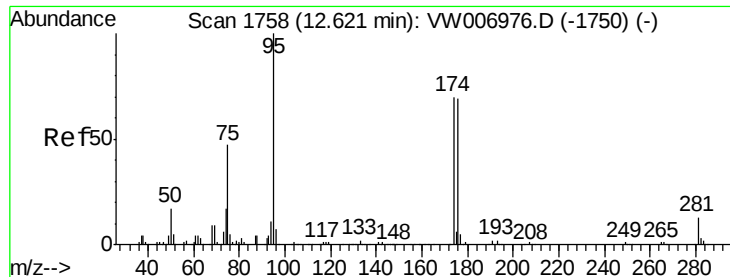
58 204.3 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

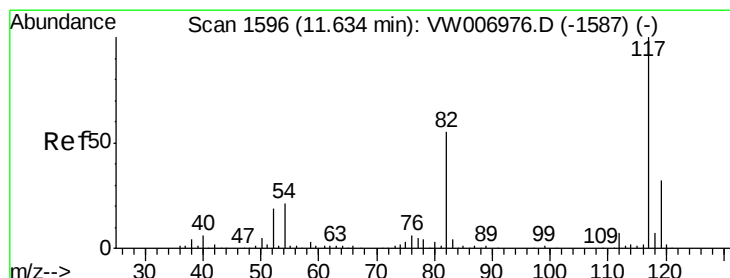
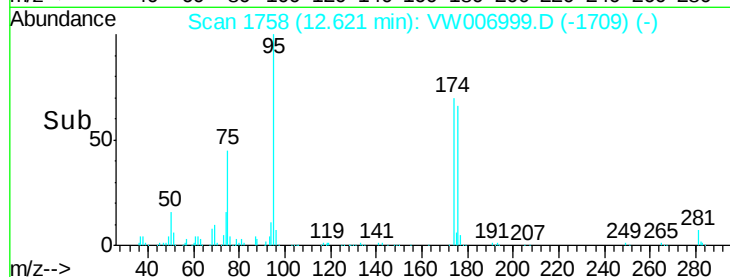
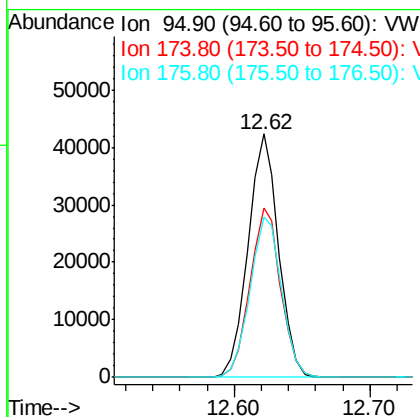
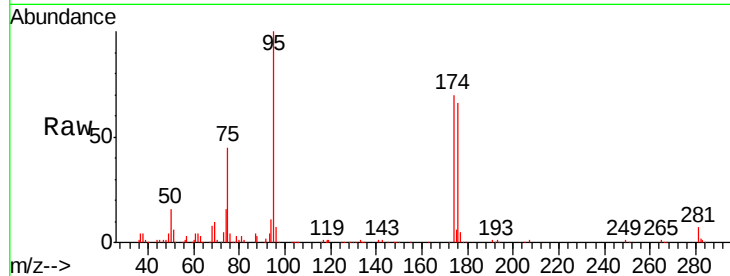




#62
4-Bromofluorobenzene
Concen: 35.72 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006999.D
Acq: 21 Nov 2018 14:03

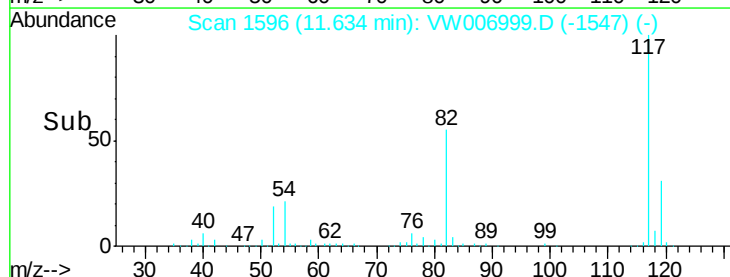
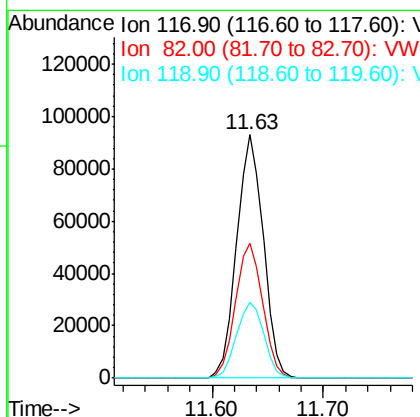
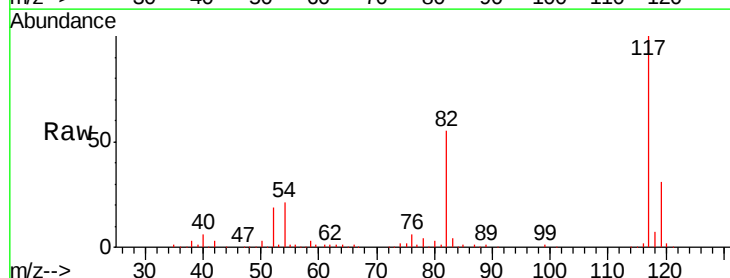
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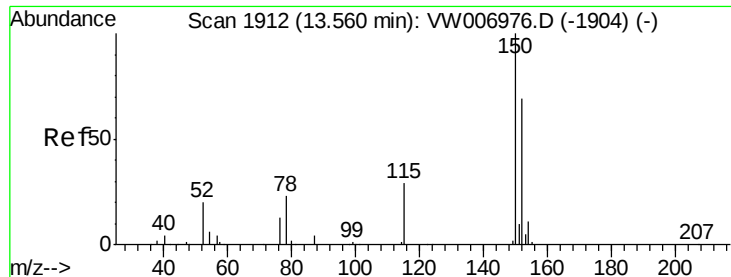
Tgt Ion: 95 Resp: 66257
Ion Ratio Lower Upper
95 100
174 70.5 0.0 143.6
176 68.6 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006999.D
Acq: 21 Nov 2018 14:03

Tgt Ion: 117 Resp: 154312
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 30.9 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: VW006999.D

Acq: 21 Nov 2018 14:03

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1115-S-AB-2

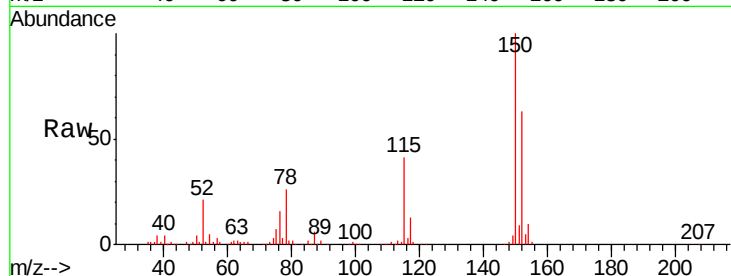
Tgt Ion:152 Resp: 49464

Ion Ratio Lower Upper

152 100

115 62.8 31.4 94.2

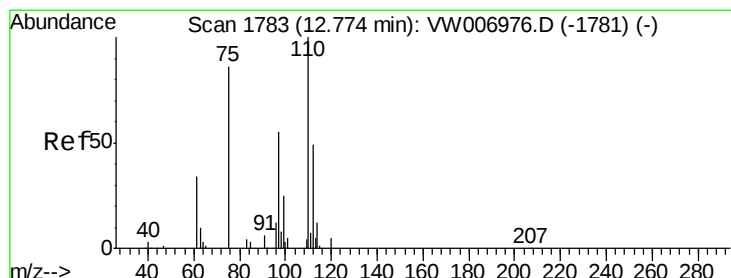
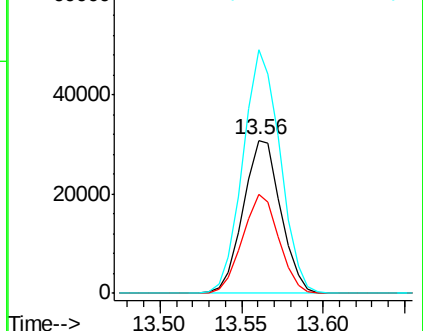
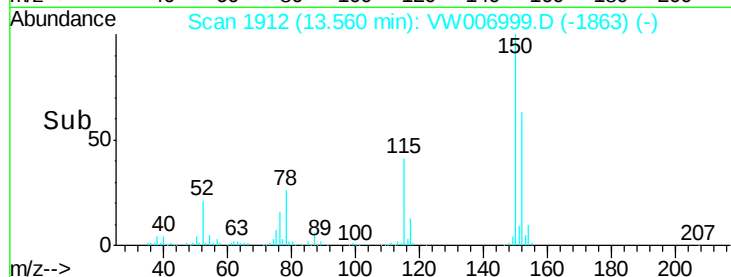
150 158.0 0.0 353.4



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



#76

1,2,3-Trichloropropane

Concen: 81.13 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006999.D

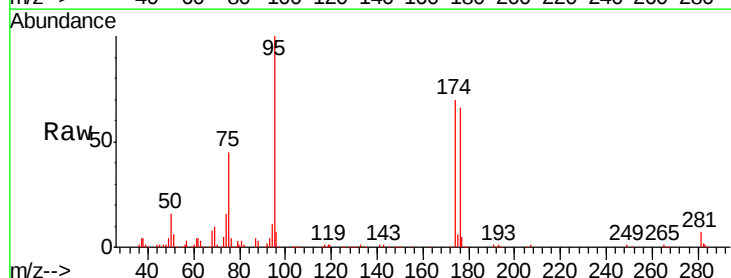
Acq: 21 Nov 2018 14:03

Tgt Ion: 75 Resp: 31534

Ion Ratio Lower Upper

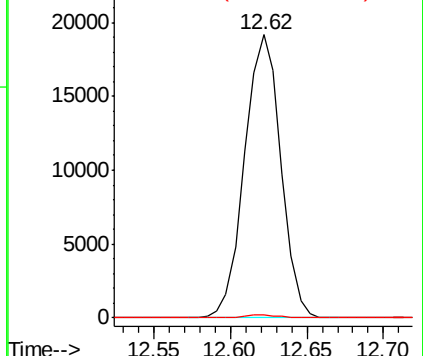
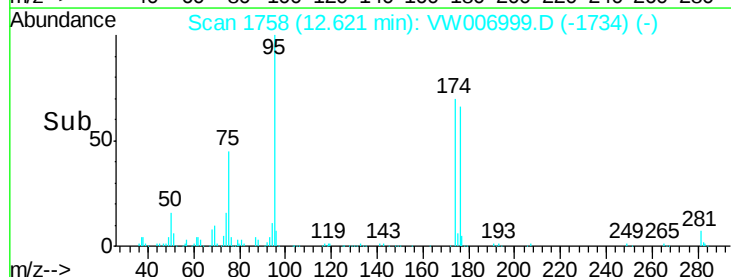
75 100

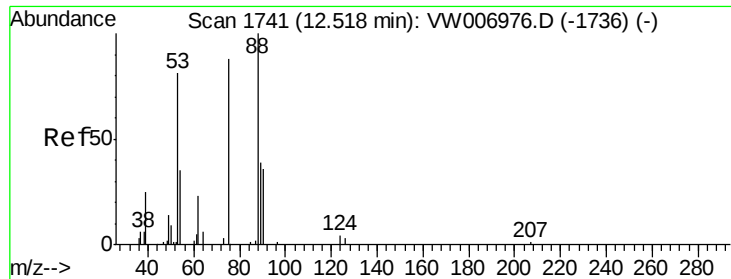
77 1.0 0.0 0.0#



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: 203.68 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006999.D

Acq: 21 Nov 2018 14:03

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1115-S-AB-2

Tgt Ion: 75 Resp: 31534

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 39.3 58.9#

