

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011320\
 Data File : VW014621.D
 Acq On : 13 Jan 2020 13:50
 Operator : SY/VA
 Sample : L1054-06RE
 Misc : 7.17G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CIY1-SB-01-0-2RE

Quant Time: Jan 14 12:16:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	139650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	208040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	166885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	36754	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	80237	65.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.44%	
35) Dibromofluoromethane	7.88	113	78960	66.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.82%	
50) Toluene-d8	10.32	98	271916	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
62) 4-Bromofluorobenzene	12.62	95	59820	35.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.08%	

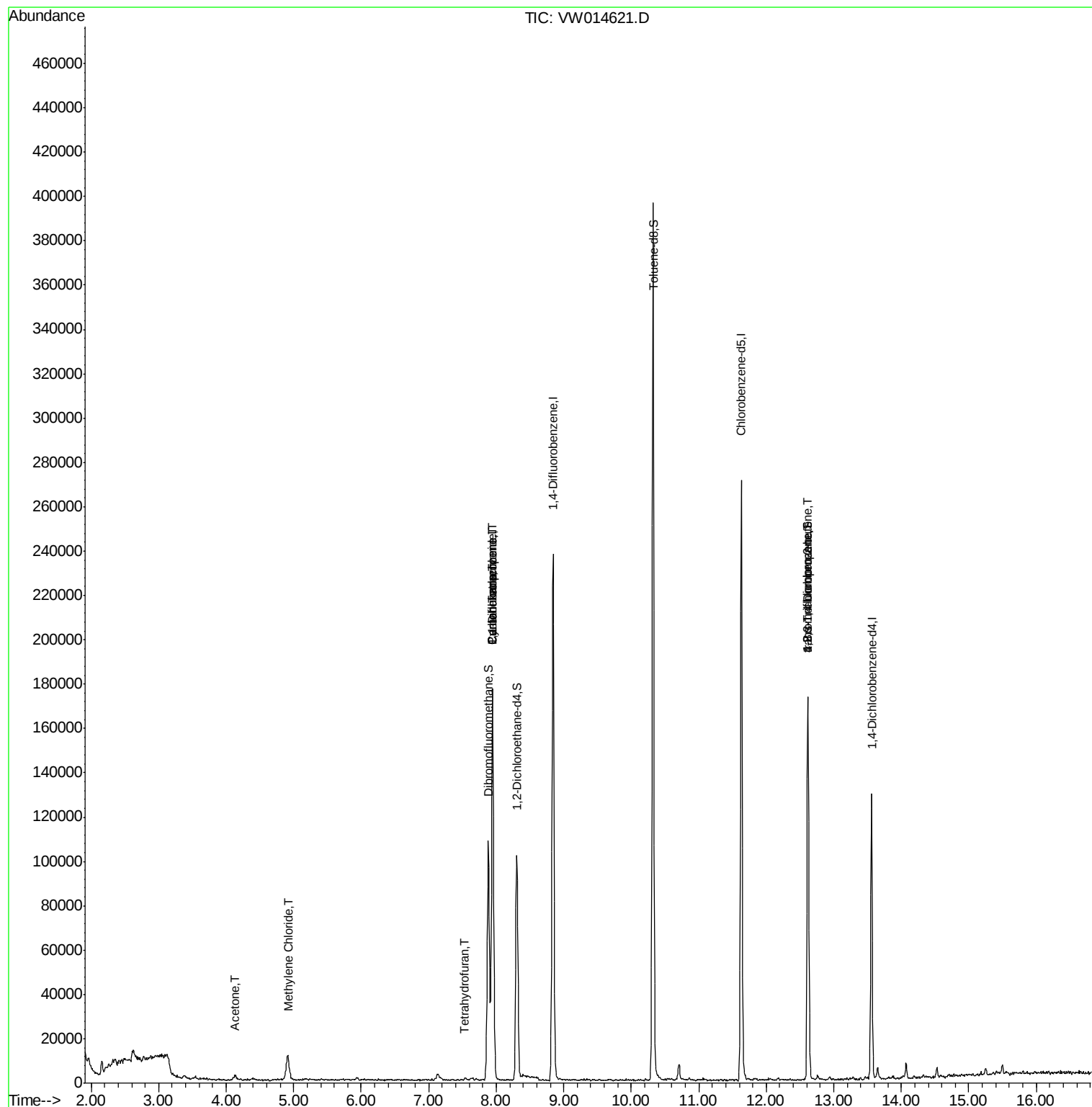
Target Compounds					Qvalue
11) Tert butyl alcohol	5.17	59	113	Below Cal	# 73
16) Acetone	4.12	43	4104	11.904	ug/l # 85
20) Methylene Chloride	4.91	84	8381	1.640	ug/l # 84
29) Tetrahydrofuran	7.52	42	506	1.846	ug/l # 65
31) Cyclohexane	7.94	56	2983	1.145	ug/l # 1
36) 1,1-Dichloropropene	7.94	75	9684	4.828	ug/l # 49
38) Carbon Tetrachloride	7.95	117	12370	7.109	ug/l # 17
76) 1,2,3-Trichloropropane	12.62	75	28055	80.733	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.62	75	28055	179.876	ug/l # 14

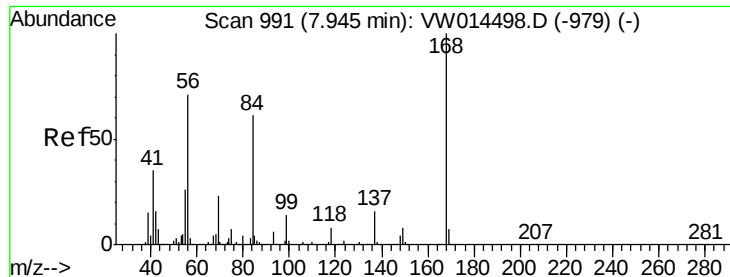
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011320\
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Quant Time: Jan 14 12:16:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014621.D

Acq: 13 Jan 2020 13:50

Instrument :

MSVOA_W

ClientSampleId :

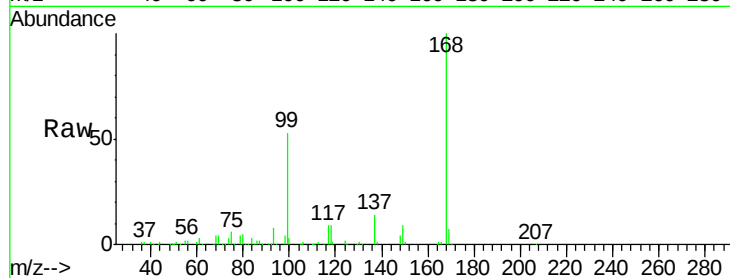
CIY1-SB-01-0-2RE

Tgt Ion: 168 Resp: 139650

Ion Ratio Lower Upper

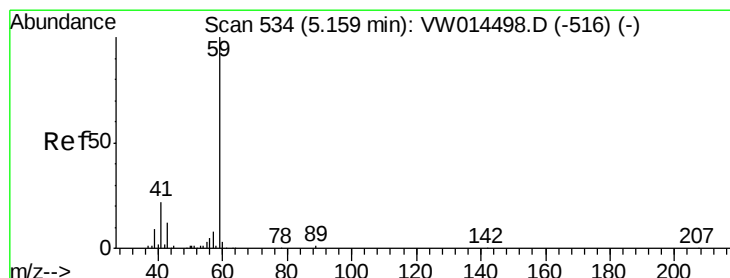
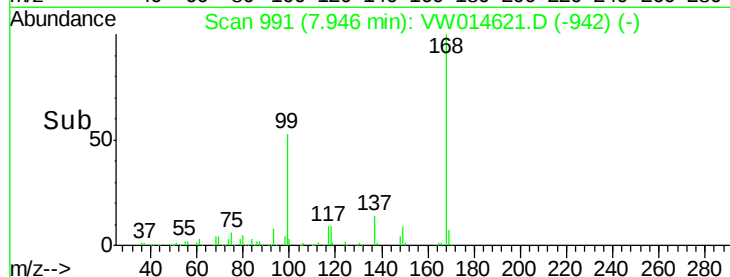
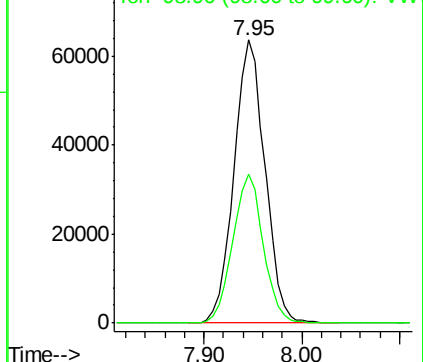
168 100

99 52.6 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW014621.D

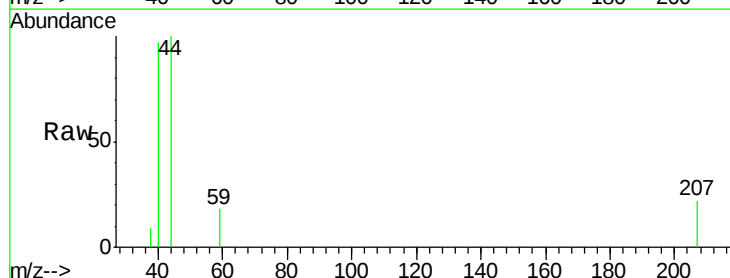
Acq: 13 Jan 2020 13:50

Tgt Ion: 59 Resp: 113

Ion Ratio Lower Upper

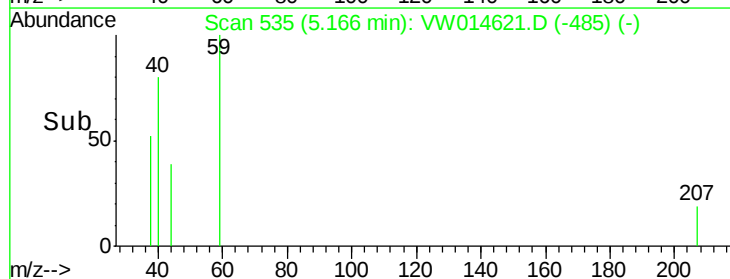
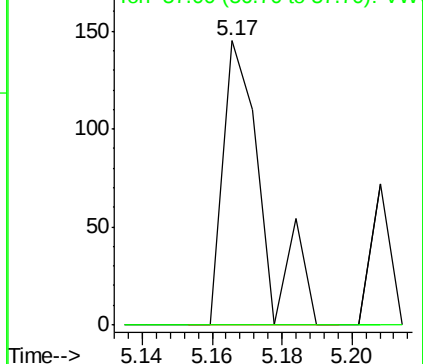
59 100

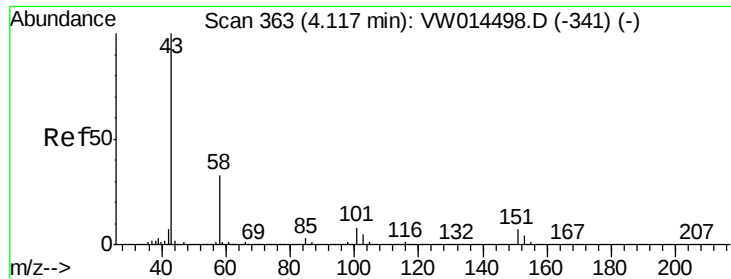
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 11.904 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014621.D

Acq: 13 Jan 2020 13:50

Instrument :

MSVOA_W

ClientSampleId :

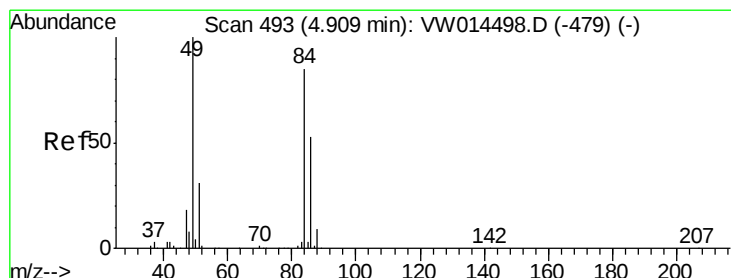
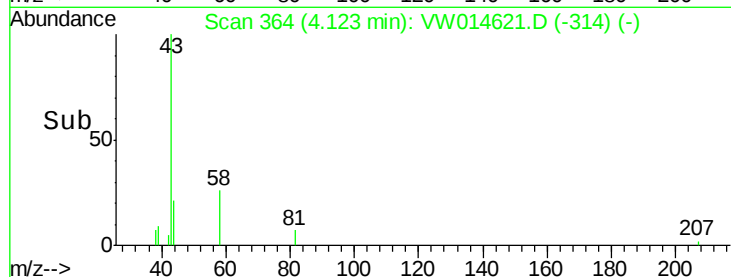
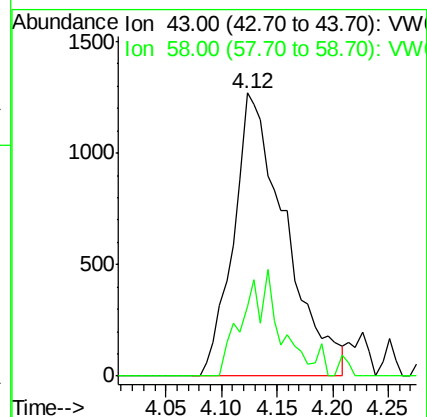
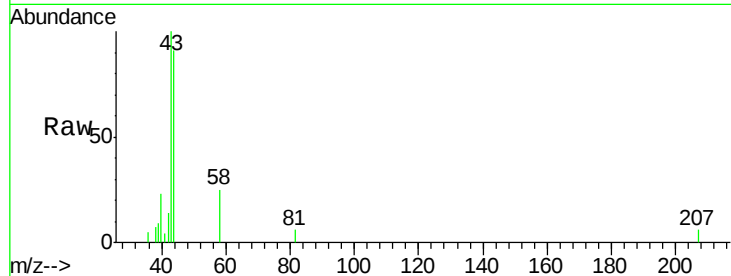
CIY1-SB-01-0-2RE

Tgt Ion: 43 Resp: 4104

Ion Ratio Lower Upper

43 100

58 24.8 26.6 39.8#



#20

Methylene Chloride

Concen: 1.640 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW014621.D

Acq: 13 Jan 2020 13:50

Tgt Ion: 84 Resp: 8381

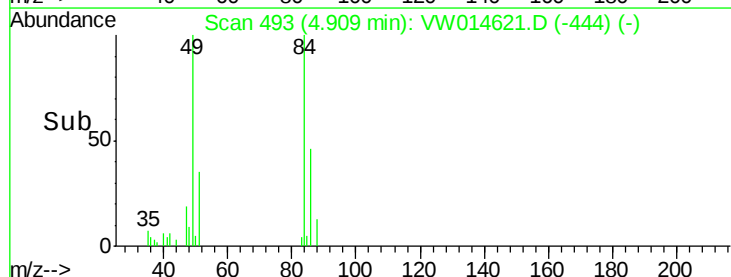
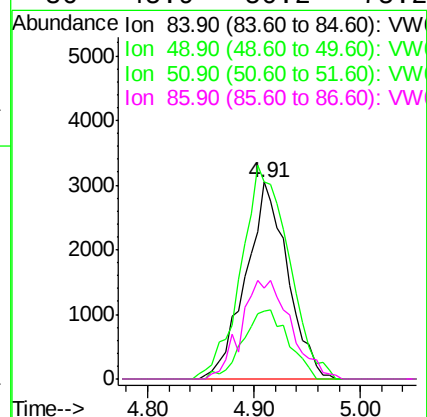
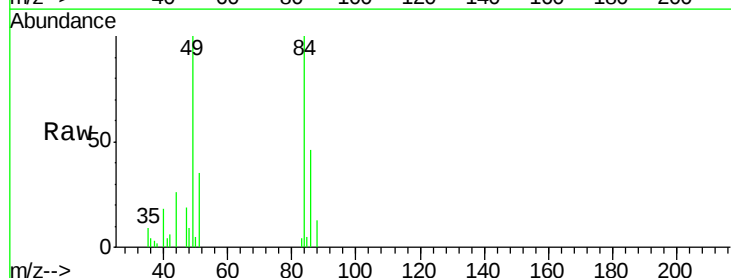
Ion Ratio Lower Upper

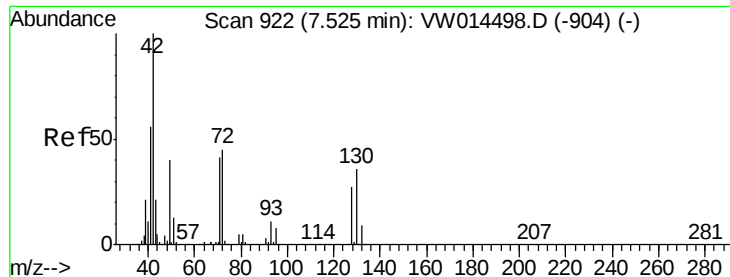
84 100

49 100.1 94.4 141.6

51 34.7 29.5 44.3

86 45.9 50.2 75.2#





#29

Tetrahydrofuran

Concen: 1.846 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW014621.D

Acq: 13 Jan 2020 13:50

Instrument :

MSVOA_W

ClientSampleId :

CIY1-SB-01-0-2RE

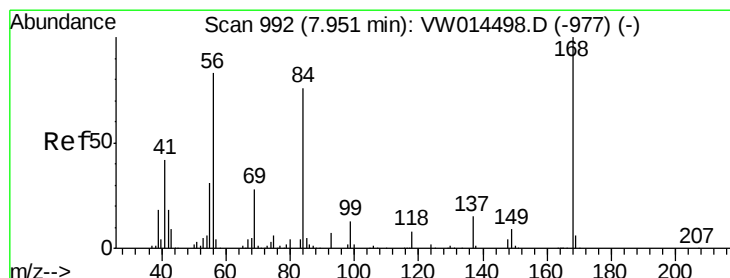
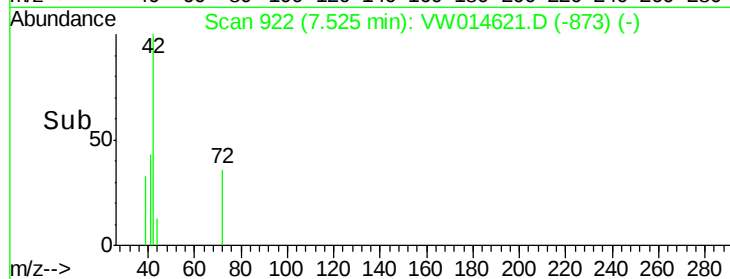
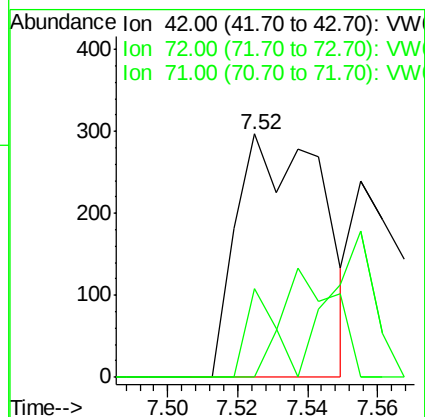
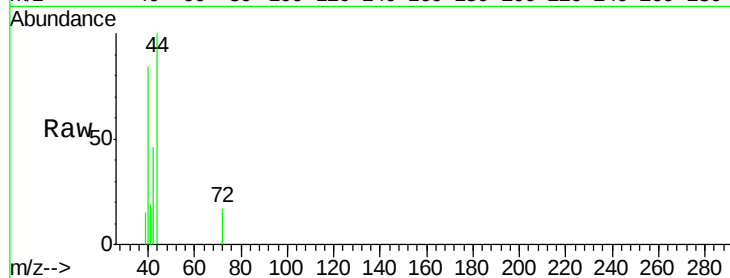
Tgt Ion: 42 Resp: 506

Ion Ratio Lower Upper

42 100

72 12.1 34.5 51.7#

71 27.9 32.0 48.0#



#31

Cyclohexane

Concen: 1.145 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW014621.D

Acq: 13 Jan 2020 13:50

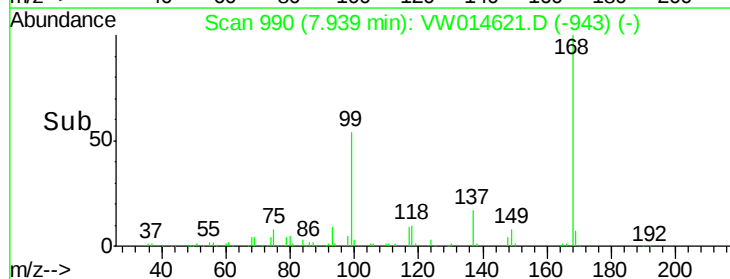
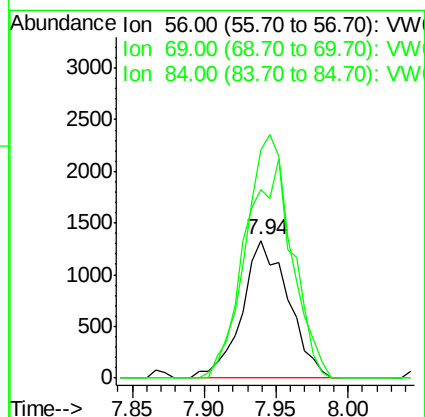
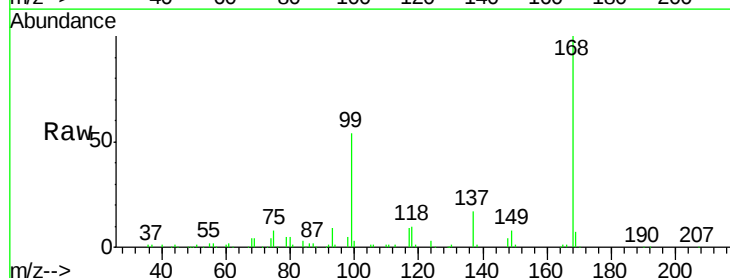
Tgt Ion: 56 Resp: 2983

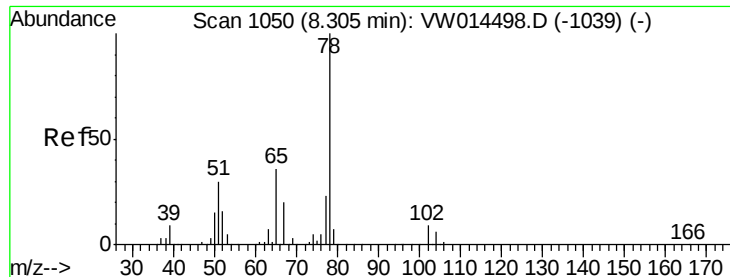
Ion Ratio Lower Upper

56 100

69 165.8 26.8 40.2#

84 147.0 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 65.715 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014621.D

Acq: 13 Jan 2020 13:50

Instrument :

MSVOA_W

ClientSampleId :

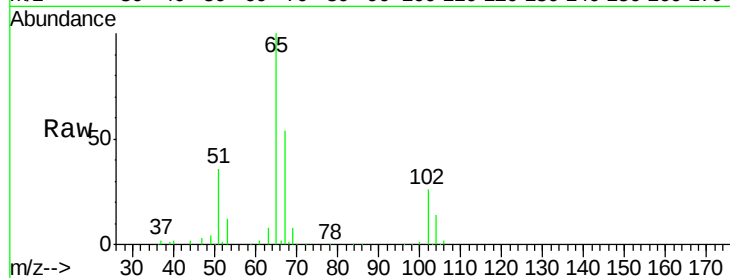
CIY1-SB-01-0-2RE

Tgt Ion: 65 Resp: 80237

Ion Ratio Lower Upper

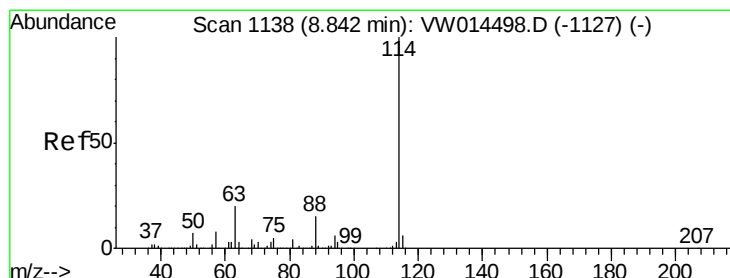
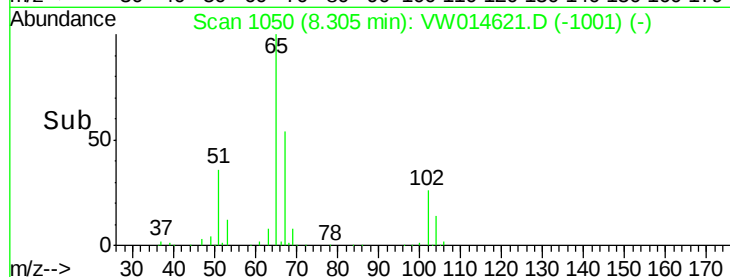
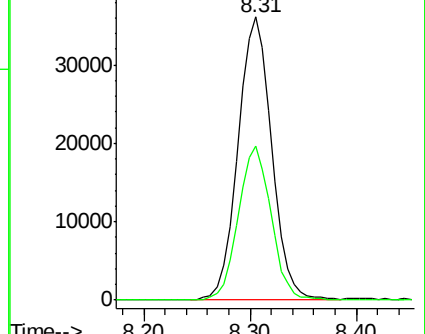
65 100

67 53.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW014621.D

Acq: 13 Jan 2020 13:50

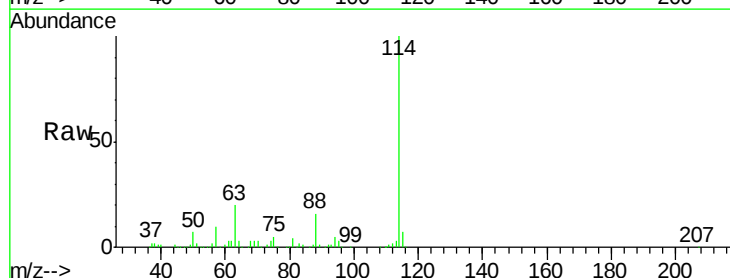
Tgt Ion: 114 Resp: 208040

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.4

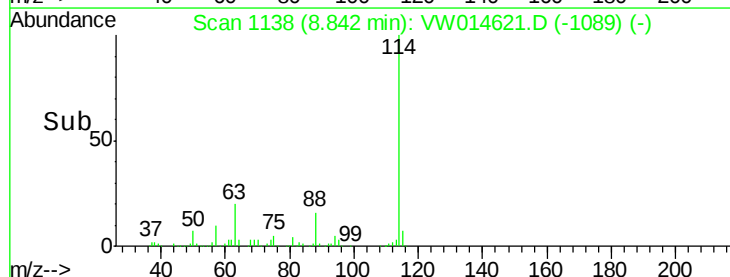
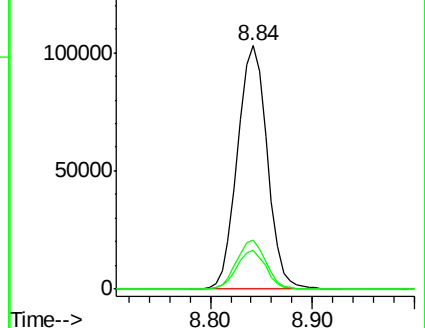
88 16.2 0.0 30.6

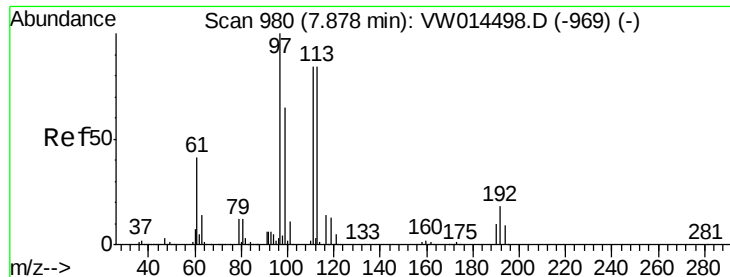


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

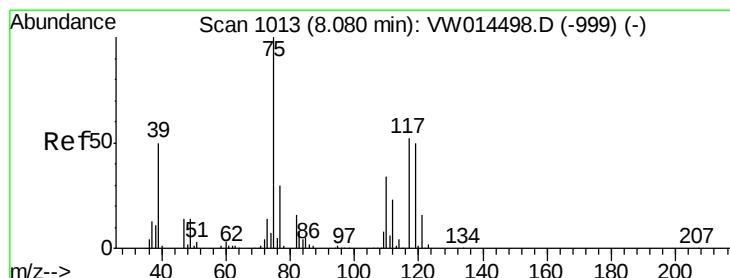
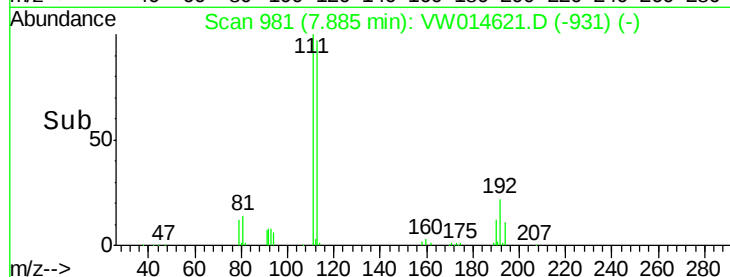
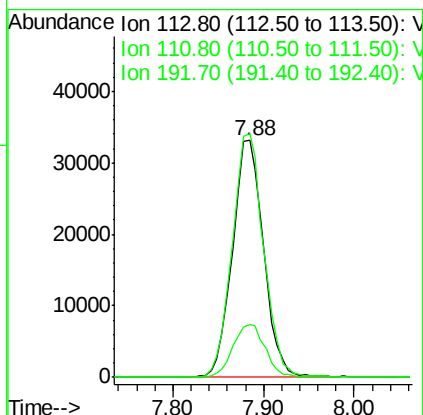
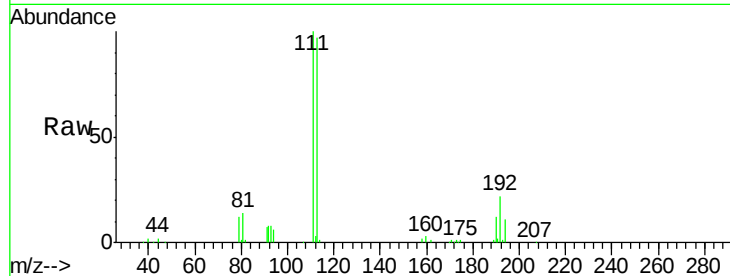




#35
 Dibromofluoromethane
 Concen: 66.410 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014621.D
 Acq: 13 Jan 2020 13:50

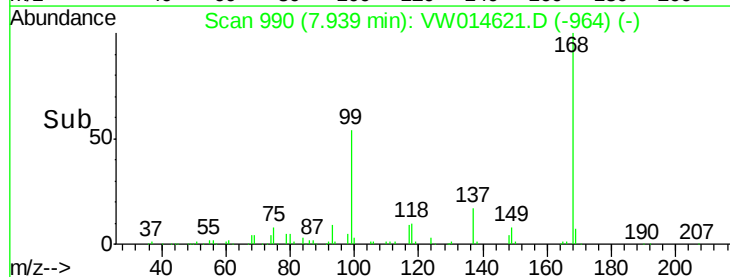
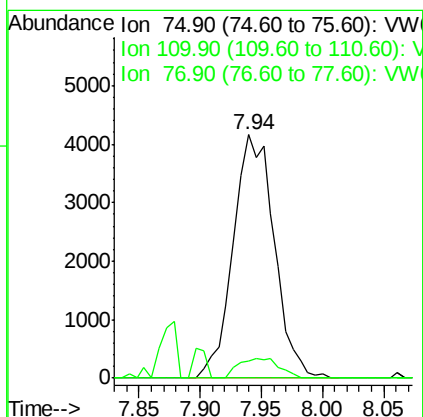
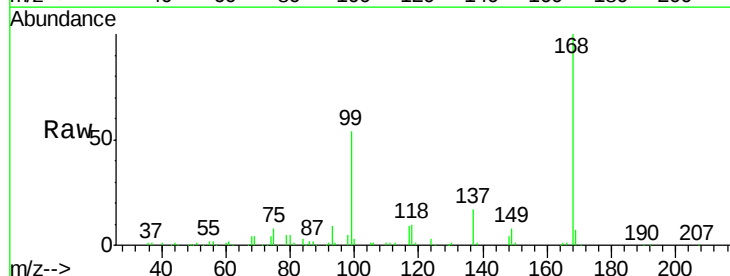
Instrument :
 MSVOA_W
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 CIY1-SB-01-0-2RE

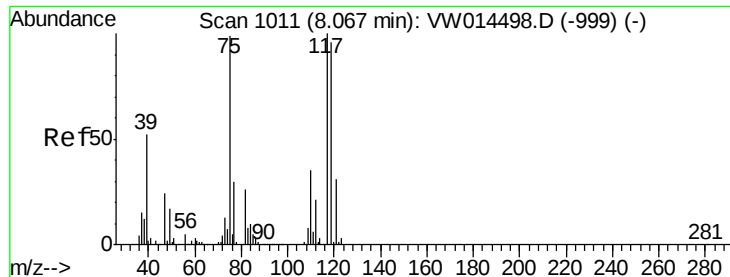
Tgt Ion:113 Resp: 78960
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.4 122.2
 192 22.9 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 4.828 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014621.D
 Acq: 13 Jan 2020 13:50

Tgt Ion: 75 Resp: 9684
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.8 53.5#
 77 0.0 24.7 37.1#

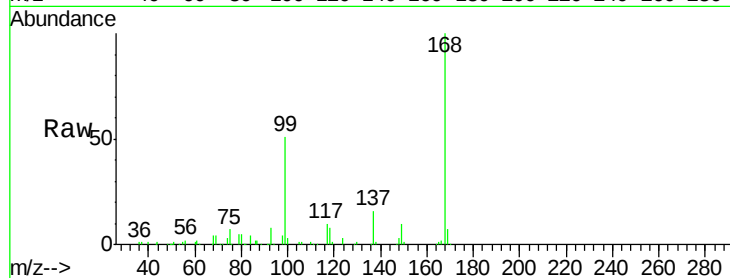




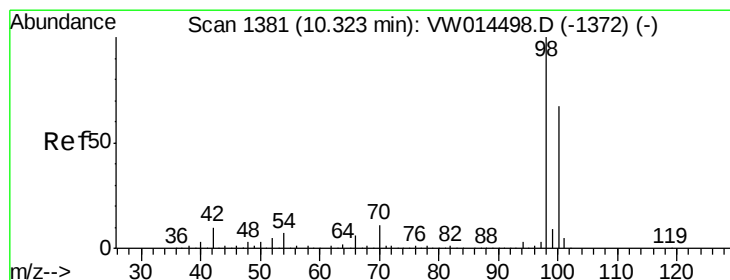
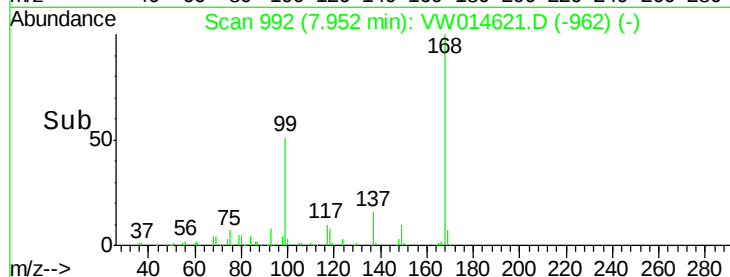
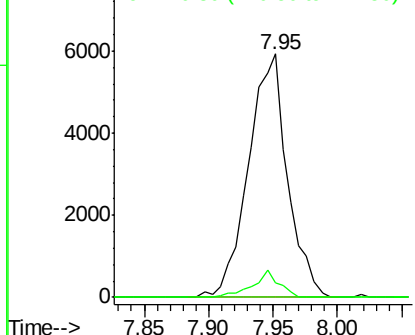
#38
Carbon Tetrachloride
Concen: 7.109 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW014621.D
Acq: 13 Jan 2020 13:50

Instrument :
MSVOA_W
ClientSampleId :
CIY1-SB-01-0-2RE

Tgt Ion:117 Resp: 12370
Ion Ratio Lower Upper
117 100
119 6.0 77.0 115.6#
121 0.0 24.6 36.8#

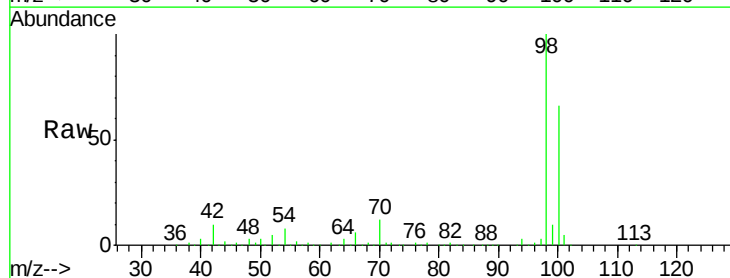


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

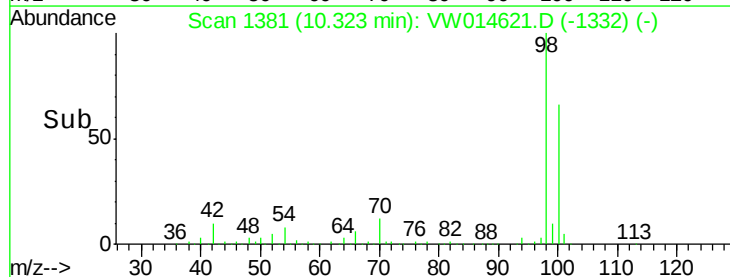
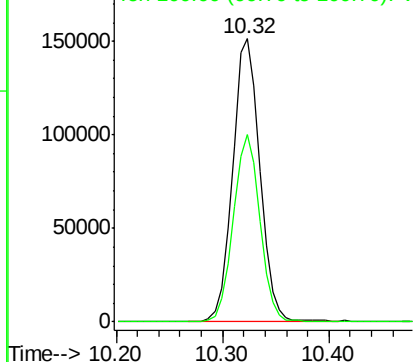


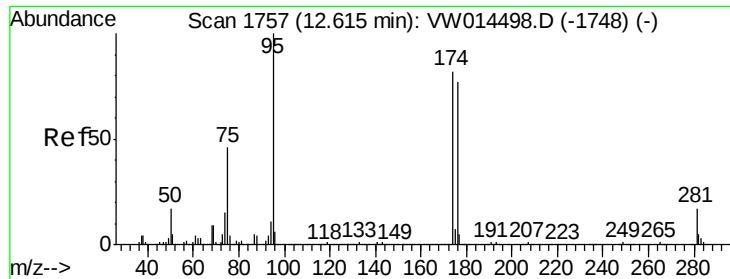
#50
Toluene-d8
Concen: 54.800 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014621.D
Acq: 13 Jan 2020 13:50

Tgt Ion: 98 Resp: 271916
Ion Ratio Lower Upper
98 100
100 64.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

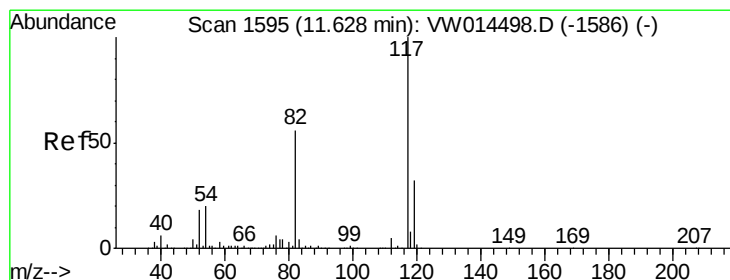
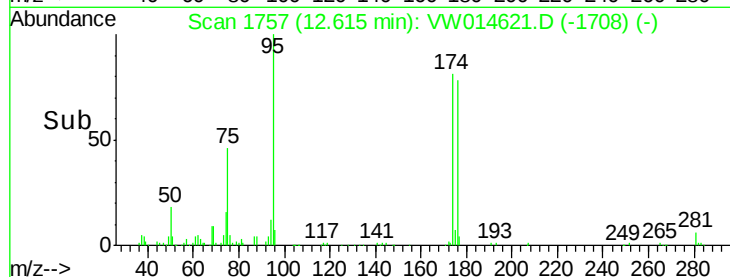
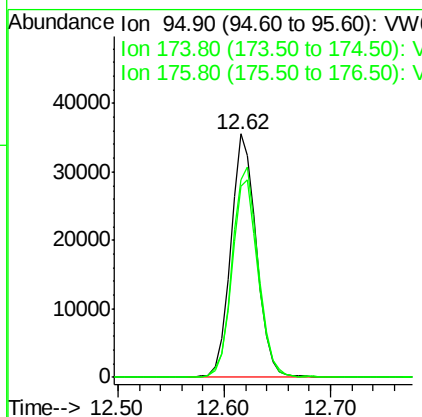
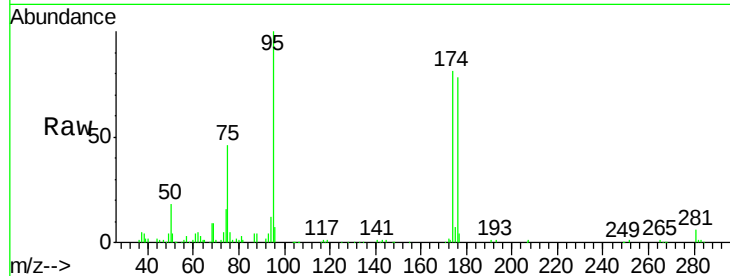




#62
4-Bromofluorobenzene
Concen: 35.543 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014621.D
Acq: 13 Jan 2020 13:50

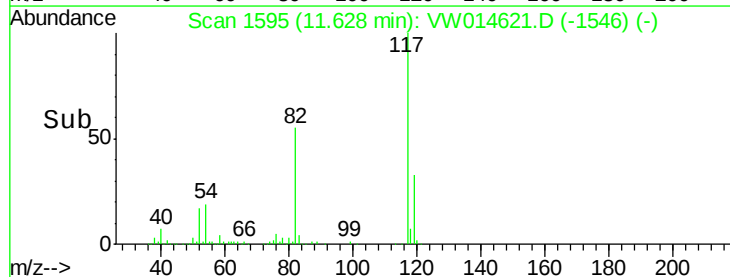
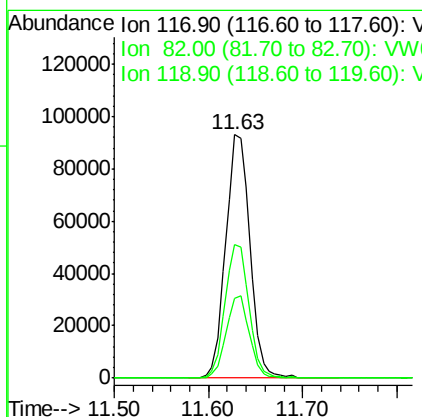
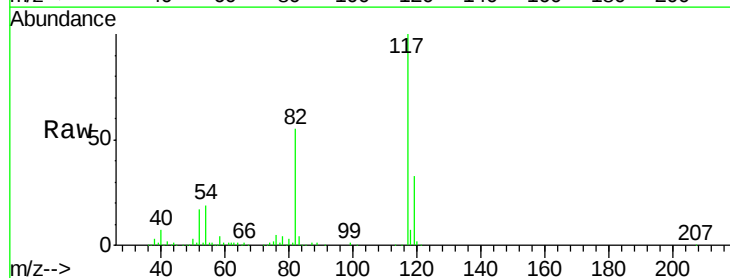
Instrument :
MSVOA_W
ClientSampleId :
CIY1-SB-01-0-2RE

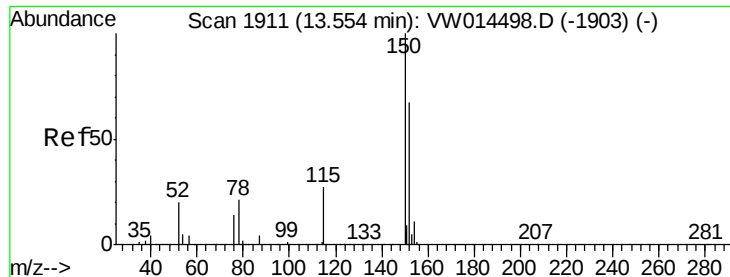
Tgt Ion: 95 Resp: 59820
Ion Ratio Lower Upper
95 100
174 88.0 0.0 168.6
176 82.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014621.D
Acq: 13 Jan 2020 13:50

Tgt Ion: 117 Resp: 166885
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.9 25.7 38.5



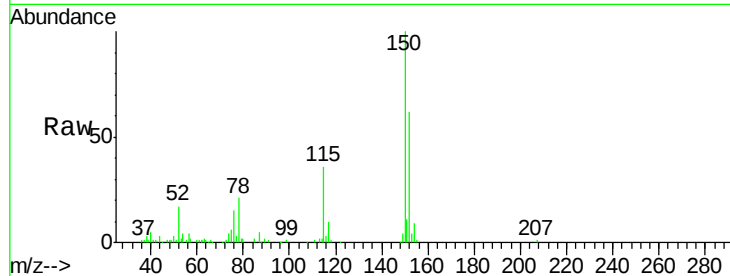


#72

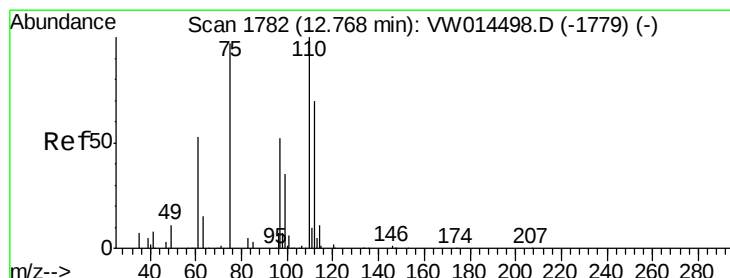
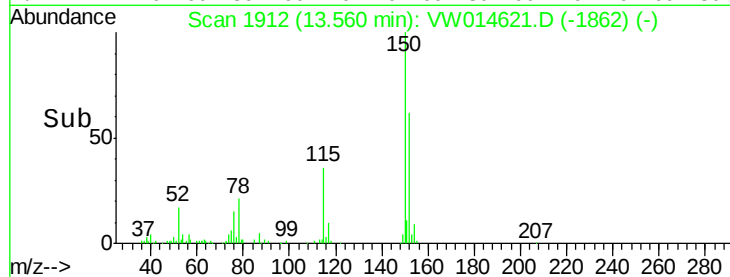
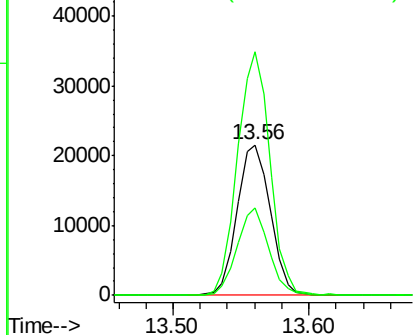
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014621.D
Acq: 13 Jan 2020 13:50

Instrument :
MSVOA_W
ClientSampleId :
CIY1-SB-01-0-2RE

Tgt Ion: 152 Resp: 36754
Ion Ratio Lower Upper
152 100
115 55.0 27.7 83.1
150 158.3 0.0 343.4



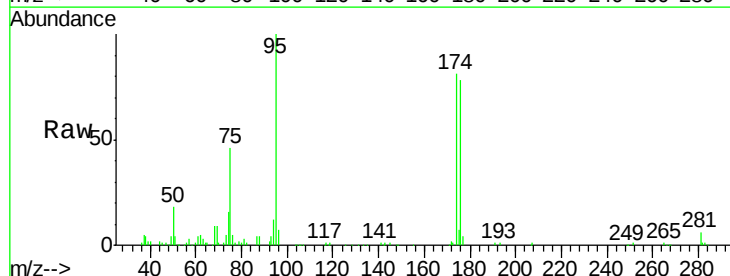
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



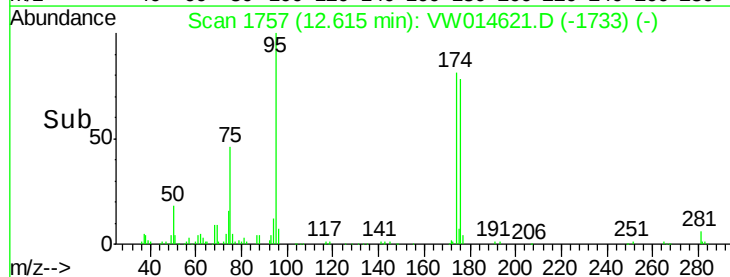
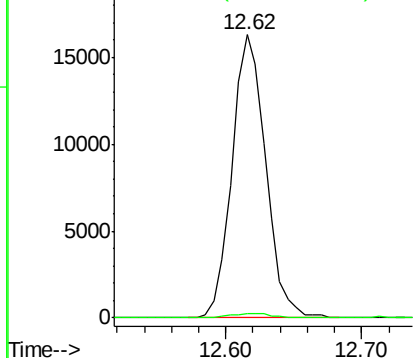
#76

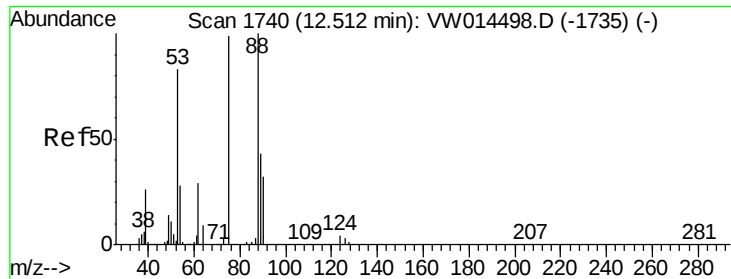
1,2,3-Trichloropropane
Concen: 80.733 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014621.D
Acq: 13 Jan 2020 13:50

Tgt Ion: 75 Resp: 28055
Ion Ratio Lower Upper
75 100
77 1.9 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: 179.876 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014621.D

Acq: 13 Jan 2020 13:50

Instrument :

MSVOA_W

ClientSampleId :

CIY1-SB-01-0-2RE

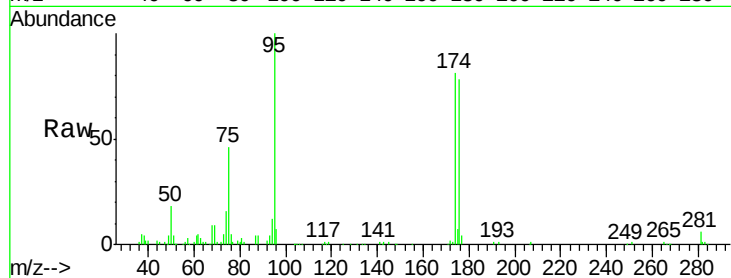
Tgt Ion: 75 Resp: 28055

Ion Ratio Lower Upper

75 100

53 0.0 70.9 106.3#

89 0.0 35.8 53.8#



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

