

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011320\
 Data File : VW014622.D
 Acq On : 13 Jan 2020 14:16
 Operator : SY/VA
 Sample : L1054-07RE
 Misc : 6.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CIY1-SB-01-3-4RE

Quant Time: Jan 14 12:16:50 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	560830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	856118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	601855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	179930	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	325778	66.44	ug/l	0.00
Spiked Amount			Recovery	=	132.88%	
35) Dibromofluoromethane	7.88	113	316087	64.60	ug/l	0.00
Spiked Amount			Recovery	=	129.20%	
50) Toluene-d8	10.32	98	1123408	55.02	ug/l	0.00
Spiked Amount			Recovery	=	110.04%	
62) 4-Bromofluorobenzene	12.62	95	261274	37.72	ug/l	0.00
Spiked Amount			Recovery	=	75.44%	

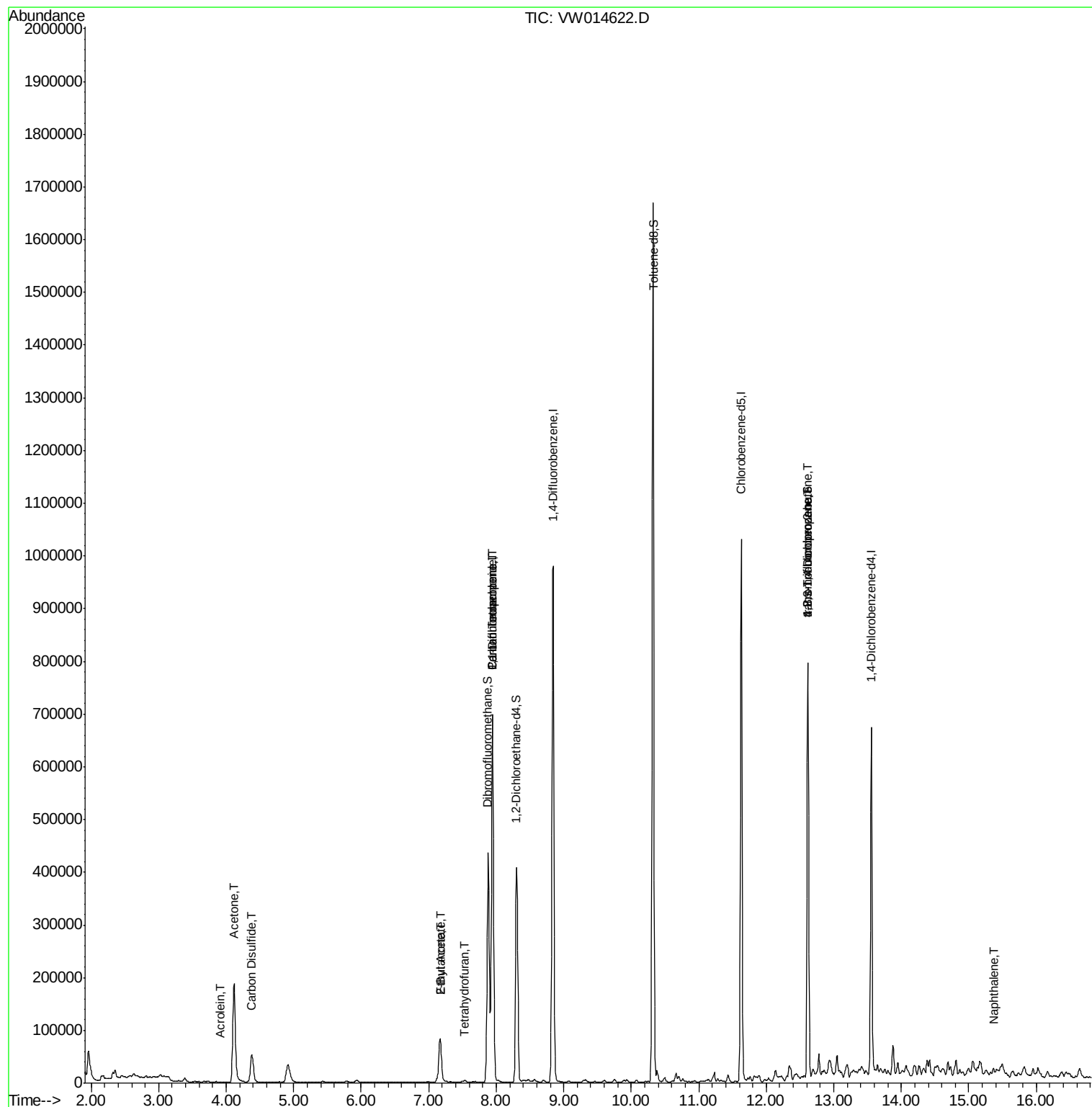
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	1981	Below Cal	#	73
13) Acrolein	3.91	56	485	1.133	ug/l #	14
16) Acetone	4.12	43	322619	233.011	ug/l	98
17) Carbon Disulfide	4.38	76	114878	6.829	ug/l #	95
25) 2-Butanone	7.17	43	133950	75.386	ug/l	100
29) Tetrahydrofuran	7.53	42	2256	2.049	ug/l #	83
36) 1,1-Dichloropropene	7.94	75	39559	4.793	ug/l #	49
37) Ethyl Acetate	7.17	43	133950	35.785	ug/l #	68
38) Carbon Tetrachloride	7.95	117	51181	7.148	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	125543	73.796	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	125543	164.421	ug/l #	14
95) Naphthalene	15.36	128	13116	2.173	ug/l #	91

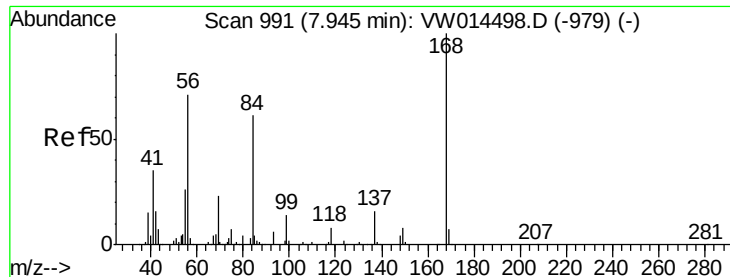
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011320\
Data File : VW014622.D
Acq On : 13 Jan 2020 14:16
Operator : SY/VA
Sample : L1054-07RE
Misc : 6.03G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CIY1-SB-01-3-4RE

Quant Time: Jan 14 12:16:50 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: VW014622.D

Acq: 13 Jan 2020 14:16

Instrument :

MSVOA_W

ClientSampleId :

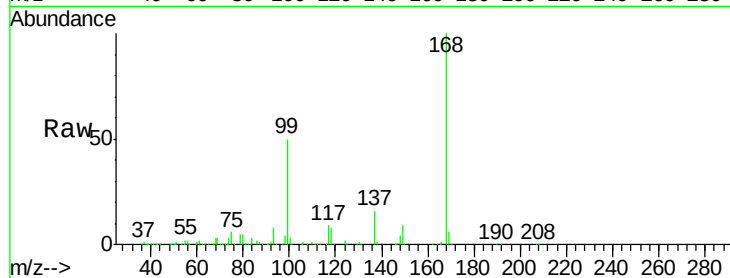
CIY1-SB-01-3-4RE

Tgt Ion:168 Resp: 560830

Ion Ratio Lower Upper

168 100

99 49.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

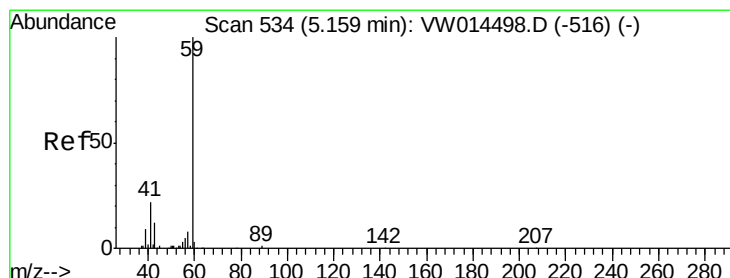
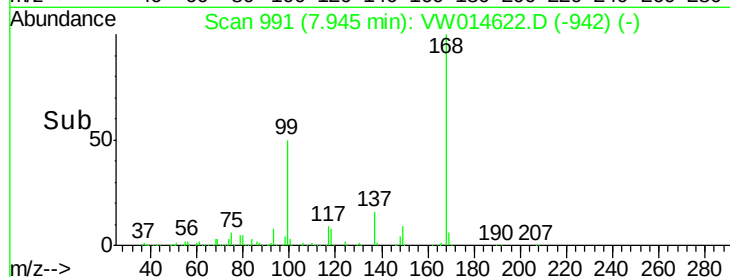
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW014622.D

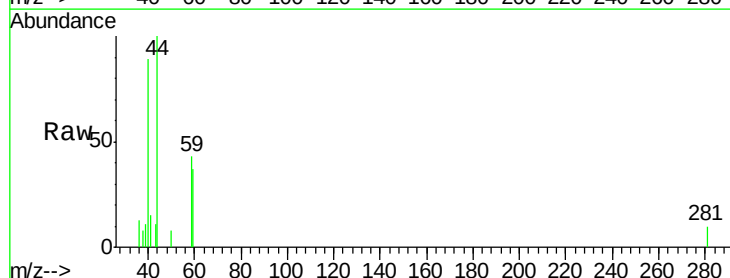
Acq: 13 Jan 2020 14:16

Tgt Ion: 59 Resp: 1981

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

5.17

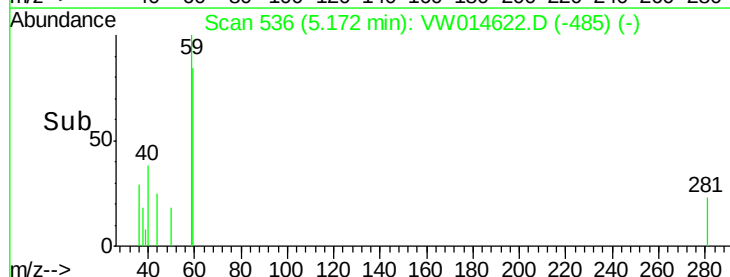
600

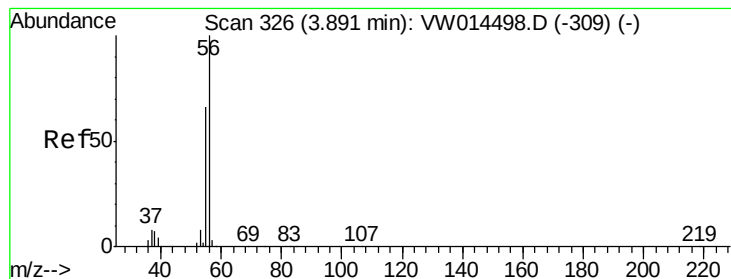
400

200

0

Time-->





#13

Acrolein

Concen: 1.133 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW014622.D

Acq: 13 Jan 2020 14:16

Instrument :

MSVOA_W

ClientSampleId :

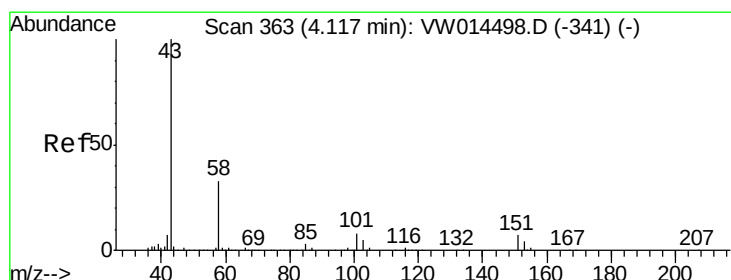
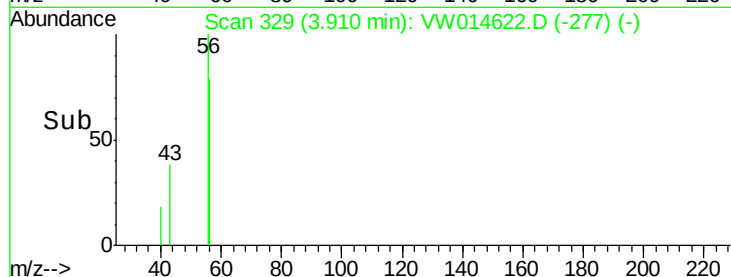
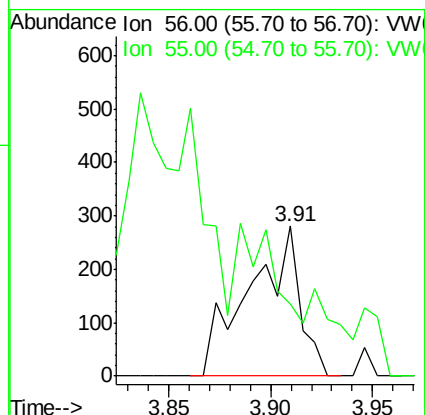
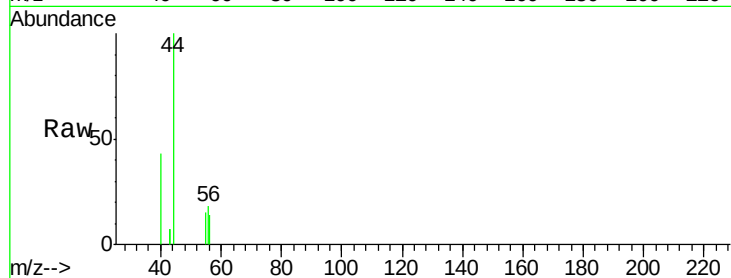
CIY1-SB-01-3-4RE

Tgt Ion: 56 Resp: 485

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#16

Acetone

Concen: 233.011 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014622.D

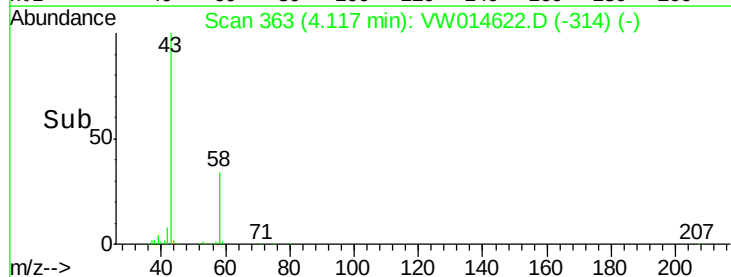
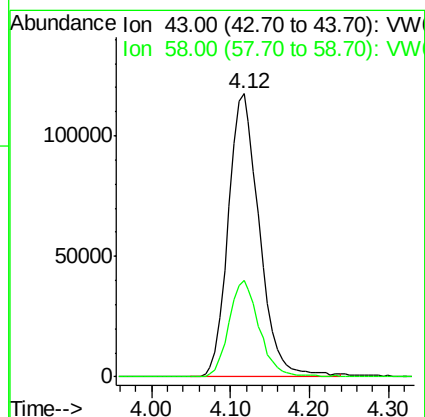
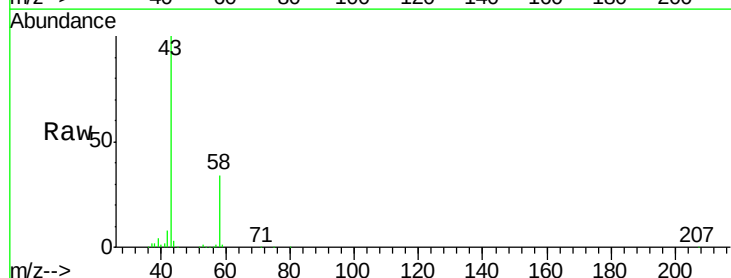
Acq: 13 Jan 2020 14:16

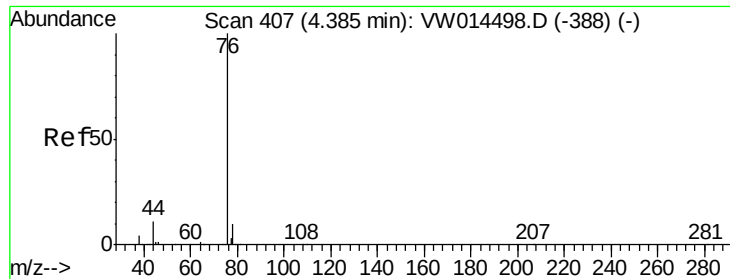
Tgt Ion: 43 Resp: 322619

Ion Ratio Lower Upper

43 100

58 34.2 26.6 39.8





#17

Carbon Disulfide

Concen: 6.829 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014622.D

Acq: 13 Jan 2020 14:16

Instrument :

MSVOA_W

ClientSampleId :

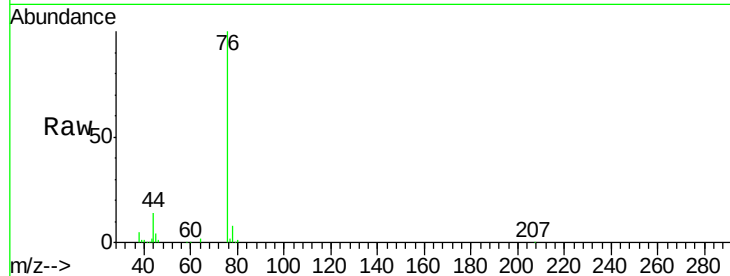
CIY1-SB-01-3-4RE

Tgt Ion: 76 Resp: 114878

Ion Ratio Lower Upper

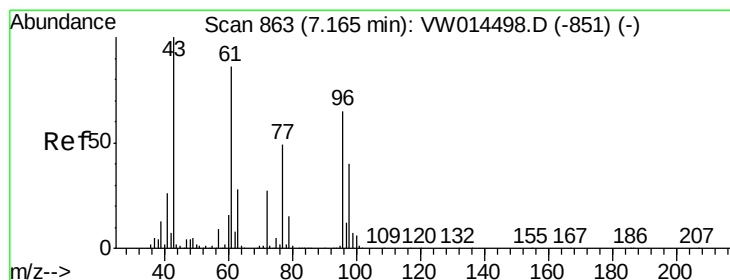
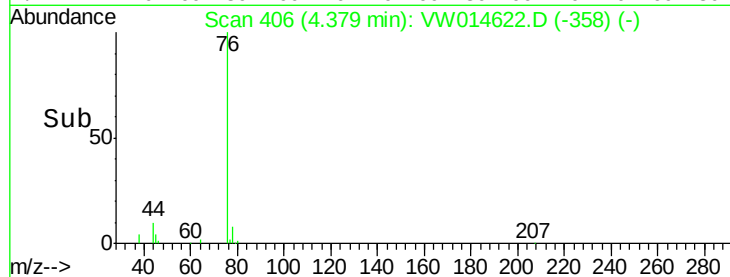
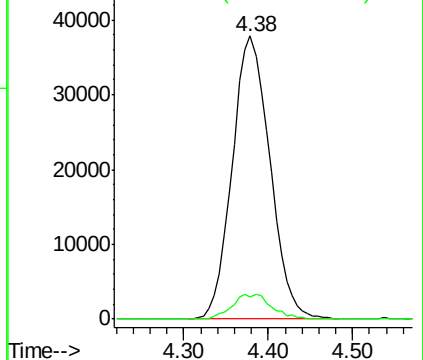
76 100

78 7.7 7.8 11.6#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 75.386 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014622.D

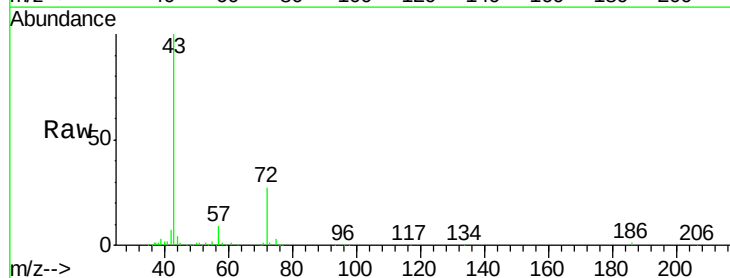
Acq: 13 Jan 2020 14:16

Tgt Ion: 43 Resp: 133950

Ion Ratio Lower Upper

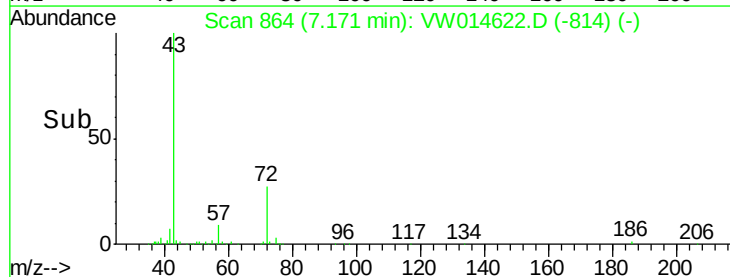
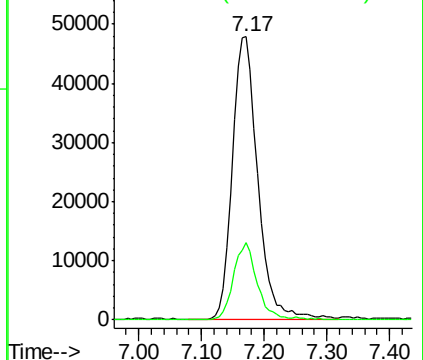
43 100

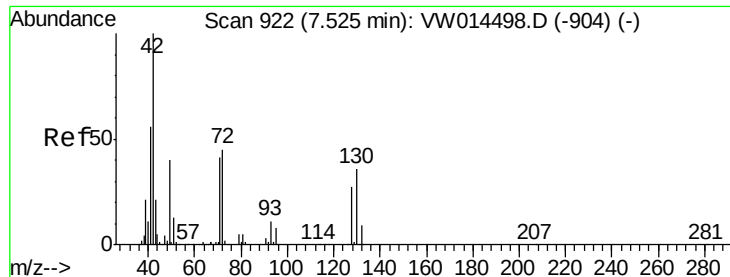
72 27.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

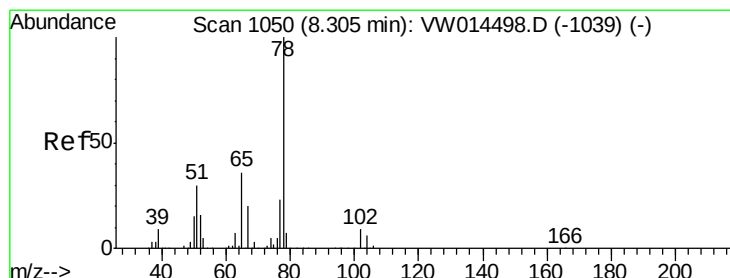
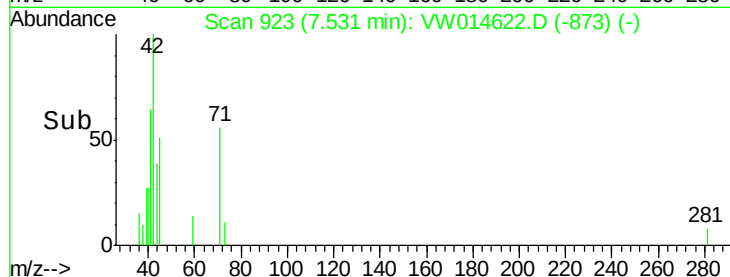
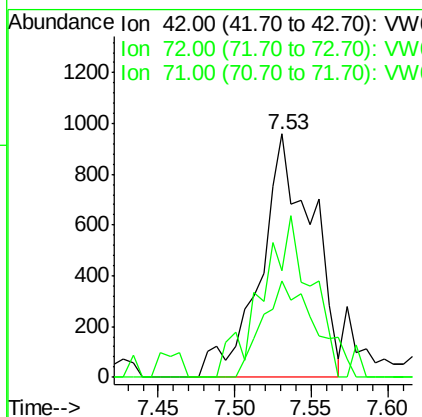
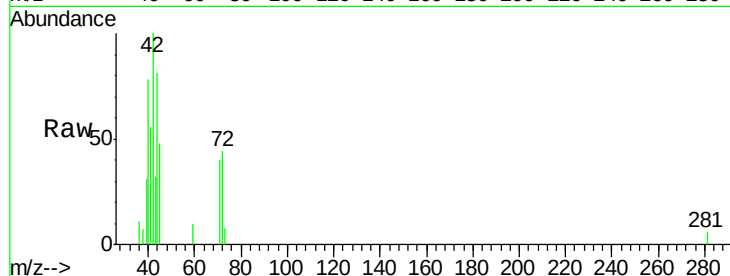




#29
Tetrahydrofuran
Concen: 2.049 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW014622.D
Acq: 13 Jan 2020 14:16

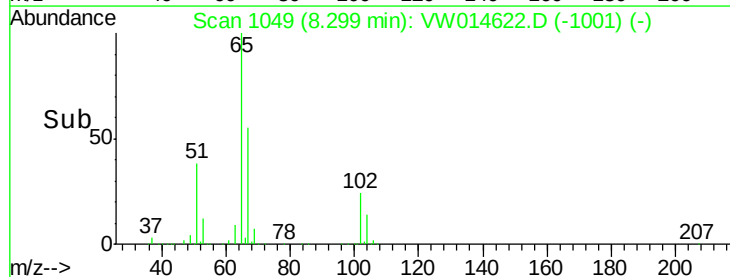
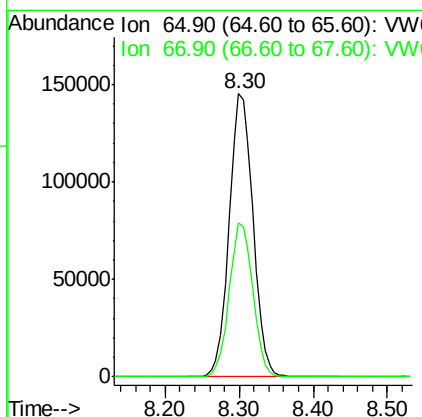
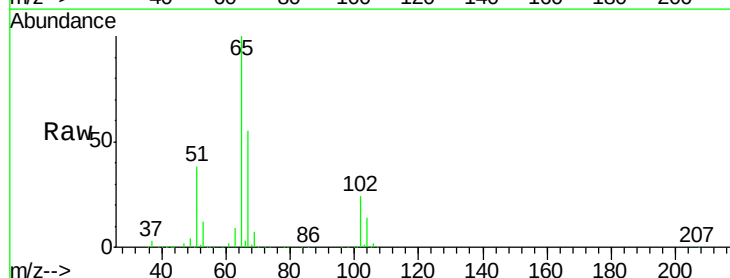
Instrument :
MSVOA_W
ClientSampleId :
CIY1-SB-01-3-4RE

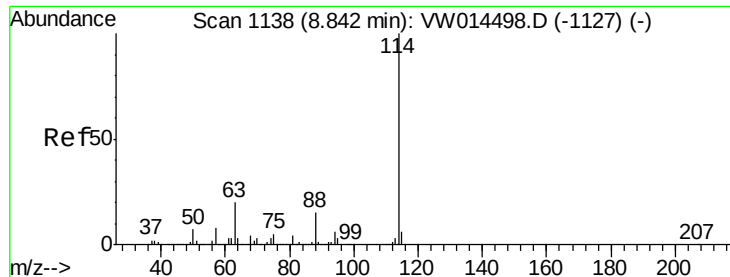
Tgt Ion: 42 Resp: 2256
Ion Ratio Lower Upper
42 100
72 63.3 34.5 51.7#
71 41.1 32.0 48.0



#33
1,2-Dichloroethane-d4
Concen: 66.439 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW014622.D
Acq: 13 Jan 2020 14:16

Tgt Ion: 65 Resp: 325778
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW014622.D

Acq: 13 Jan 2020 14:16

Instrument :

MSVOA_W

ClientSampleId :

CIY1-SB-01-3-4RE

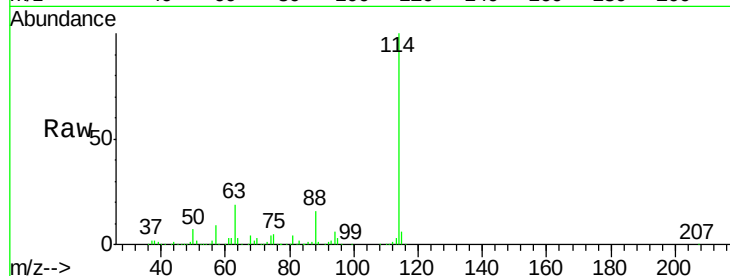
Tgt Ion:114 Resp: 856118

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.4

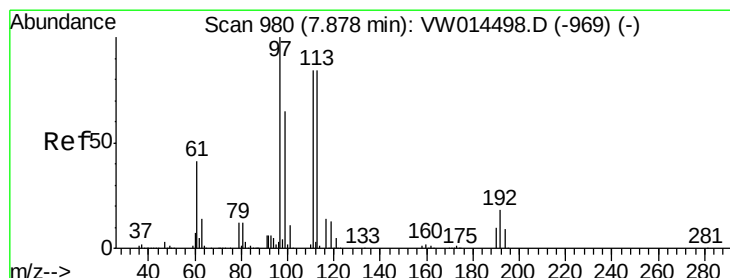
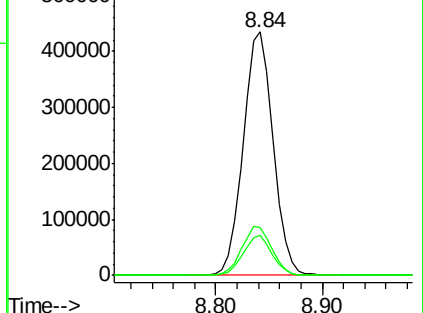
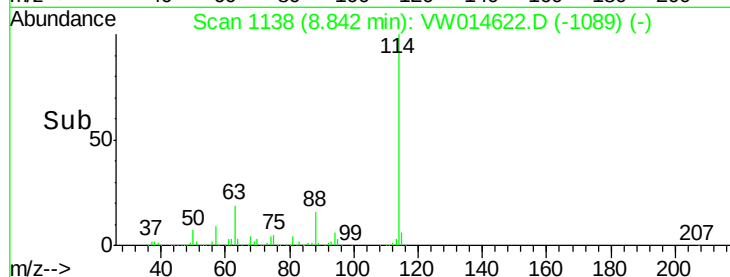
88 16.2 0.0 30.6



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: 64.602 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014622.D

Acq: 13 Jan 2020 14:16

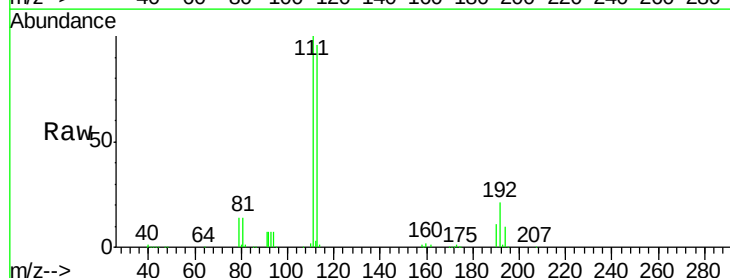
Tgt Ion:113 Resp: 316087

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.2

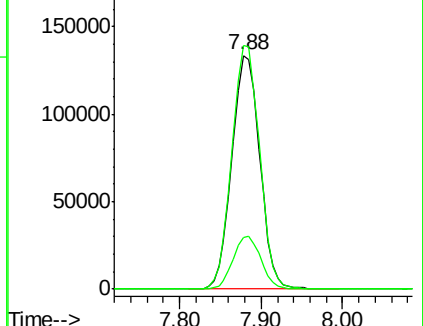
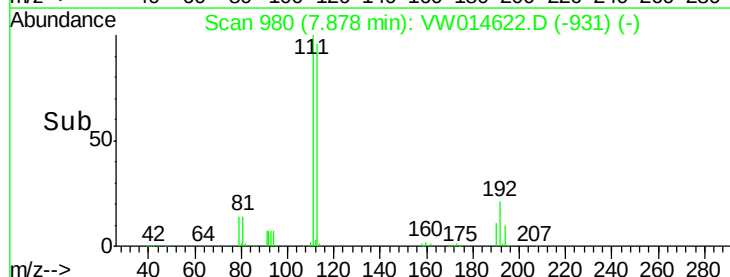
192 22.6 17.8 26.8

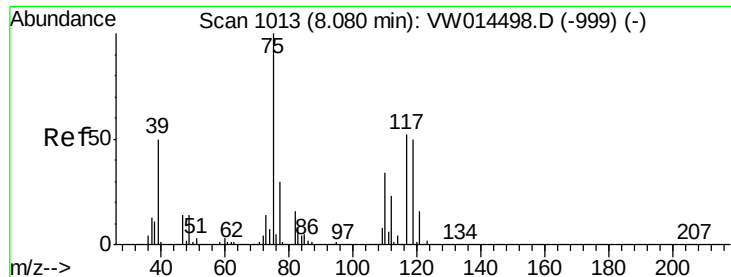


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

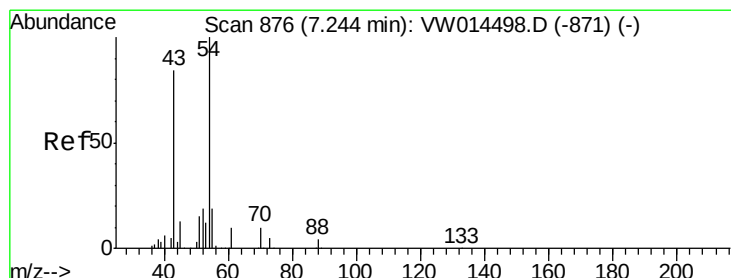
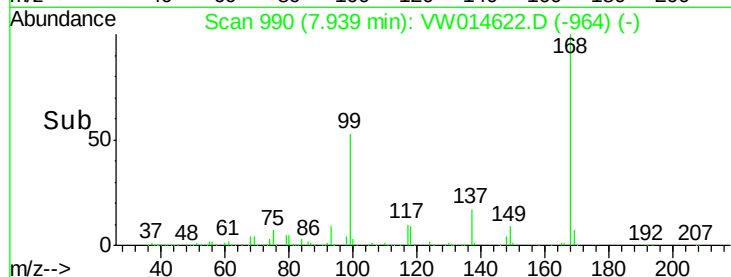
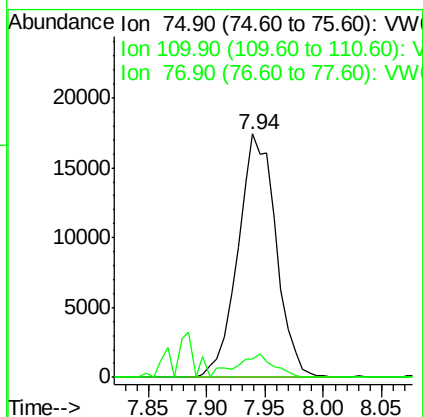
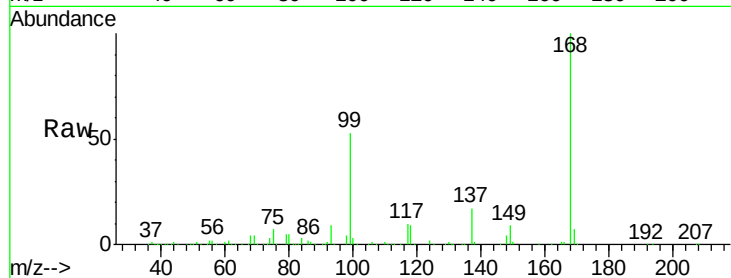




#36
 1,1-Dichloropropene
 Concen: 4.793 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014622.D
 Acq: 13 Jan 2020 14:16

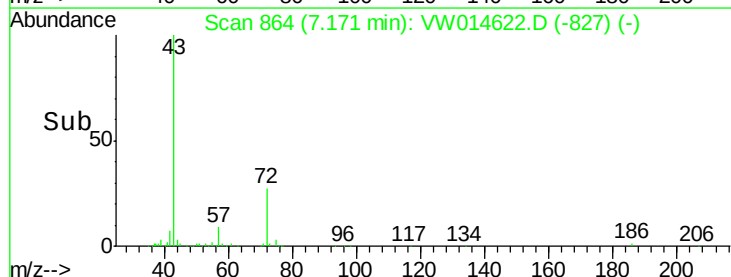
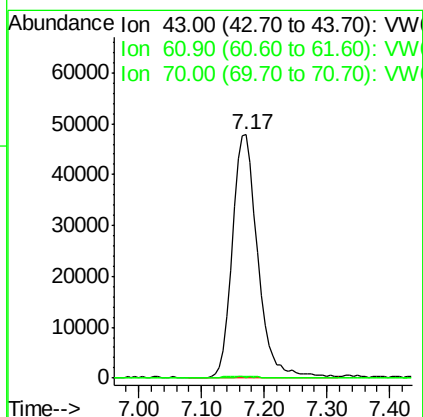
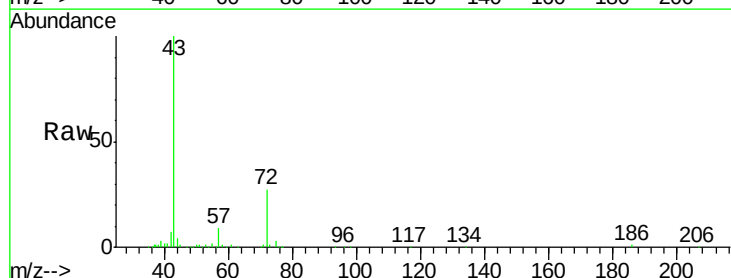
Instrument :
 MSVOA_W
 ClientSampleId :
 CIY1-SB-01-3-4RE

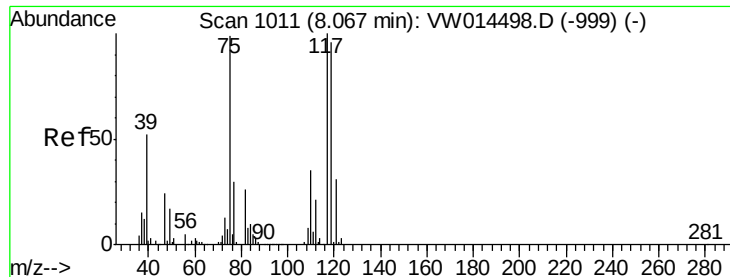
Tgt Ion: 75 Resp: 39559
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.8 53.5#
 77 0.1 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 35.785 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.07 min
 Lab File: VW014622.D
 Acq: 13 Jan 2020 14:16

Tgt Ion: 43 Resp: 133950
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.7 17.5#
 70 0.7 9.0 13.6#

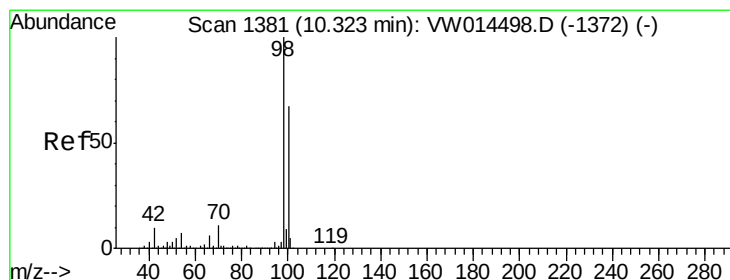
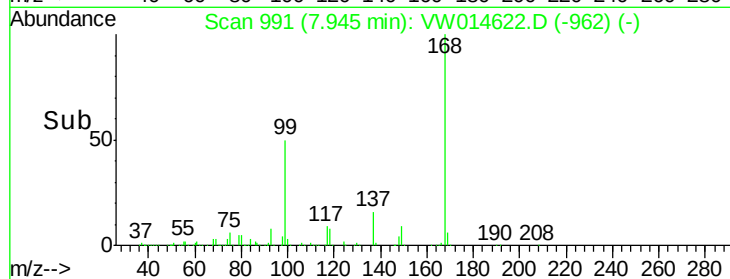
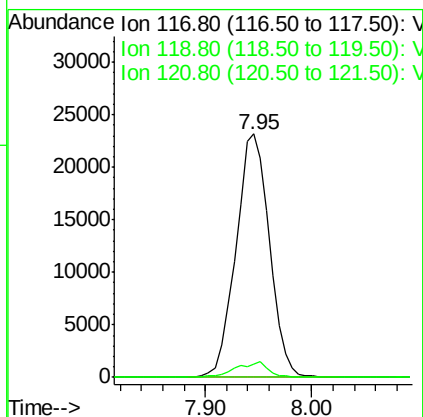
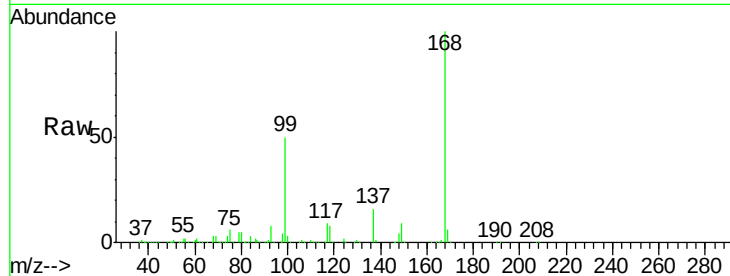




#38
Carbon Tetrachloride
Concen: 7.148 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014622.D
Acq: 13 Jan 2020 14:16

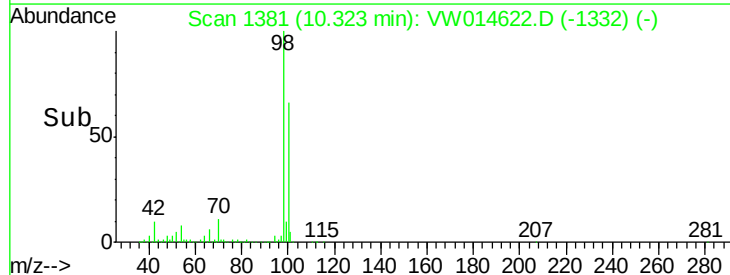
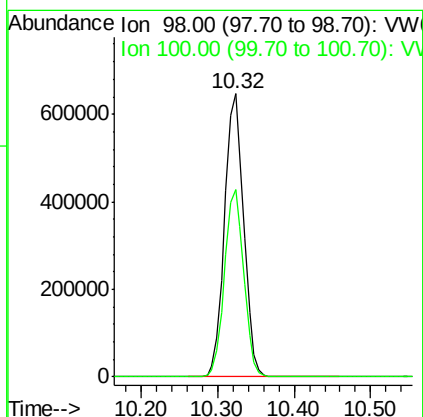
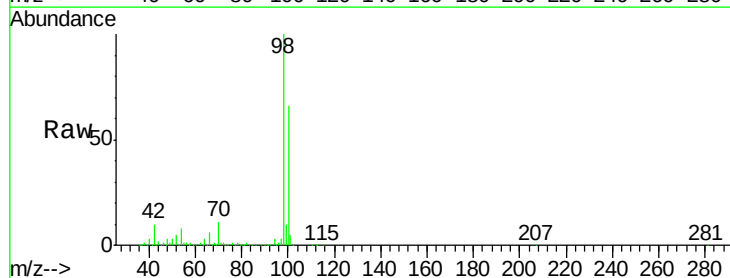
Instrument :
MSVOA_W
ClientSampleId :
CIY1-SB-01-3-4RE

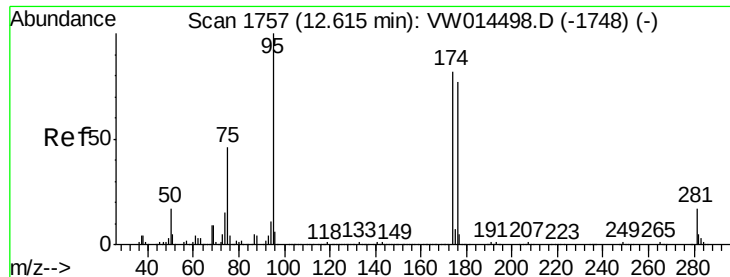
Tgt Ion:117 Resp: 51181
Ion Ratio Lower Upper
117 100
119 5.4 77.0 115.6#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 55.017 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014622.D
Acq: 13 Jan 2020 14:16

Tgt Ion: 98 Resp: 1123408
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6

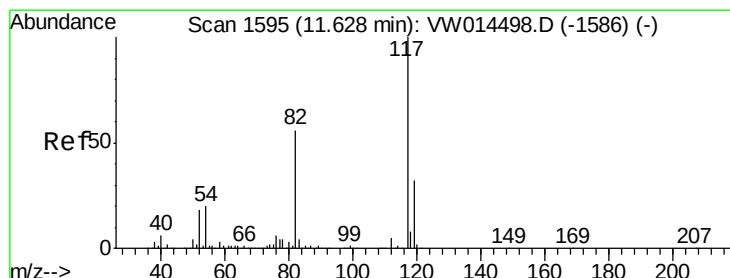
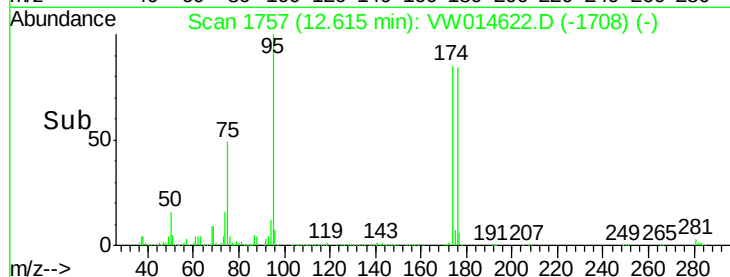
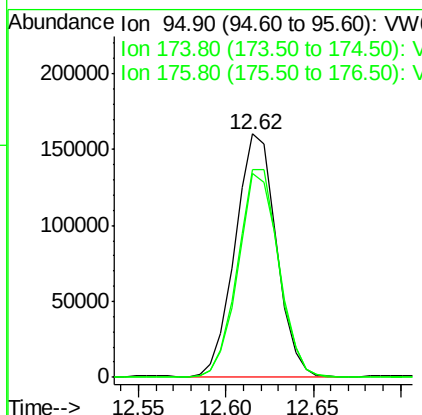
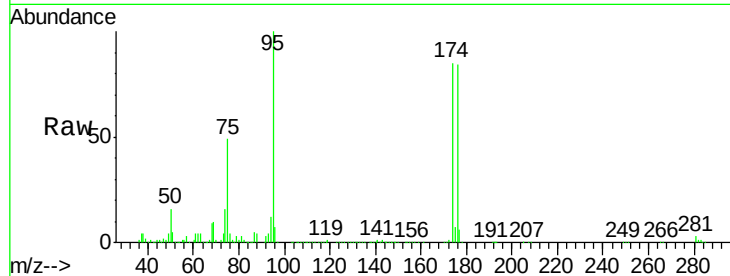




#62
4-Bromofluorobenzene
Concen: 37.724 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014622.D
Acq: 13 Jan 2020 14:16

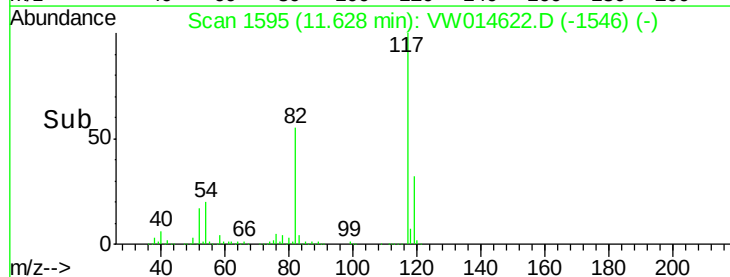
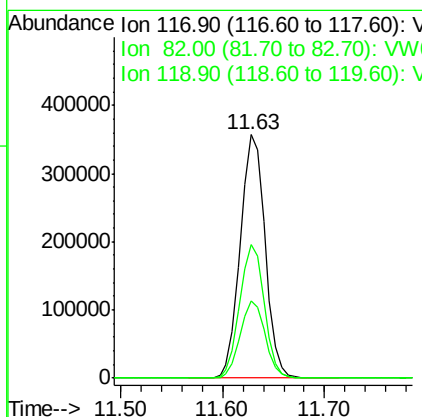
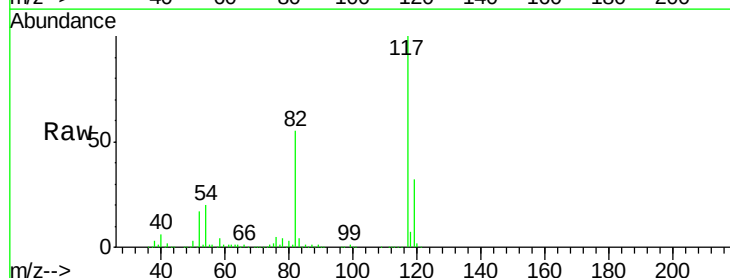
Instrument :
MSVOA_W
ClientSampleId :
CIY1-SB-01-3-4RE

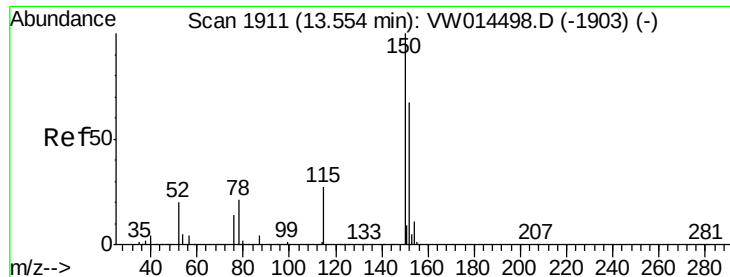
Tgt Ion: 95 Resp: 261274
Ion Ratio Lower Upper
95 100
174 86.6 0.0 168.6
176 83.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014622.D
Acq: 13 Jan 2020 14:16

Tgt Ion: 117 Resp: 601855
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014622.D

Acq: 13 Jan 2020 14:16

Instrument :

MSVOA_W

ClientSampleId :

CIY1-SB-01-3-4RE

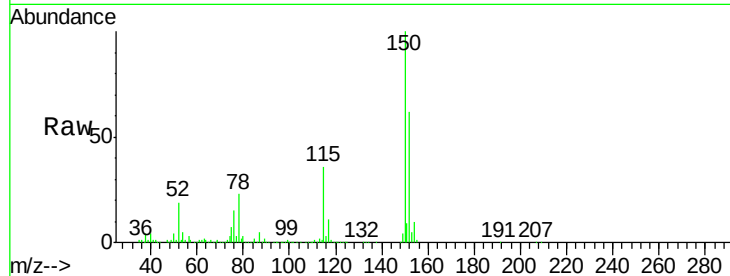
Tgt Ion:152 Resp: 179930

Ion Ratio Lower Upper

152 100

115 56.8 27.7 83.1

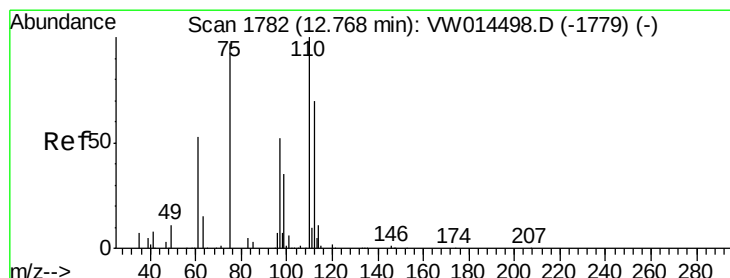
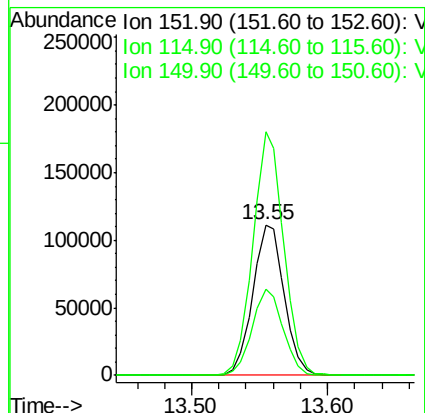
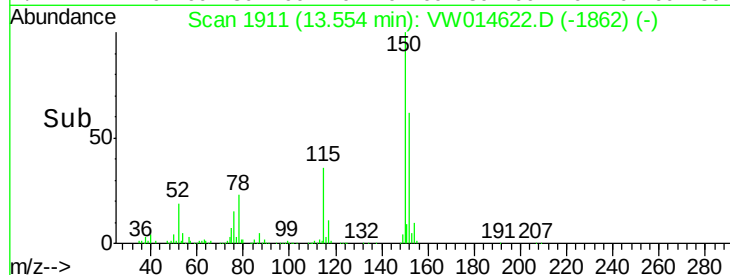
150 158.7 0.0 343.4



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: 73.796 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014622.D

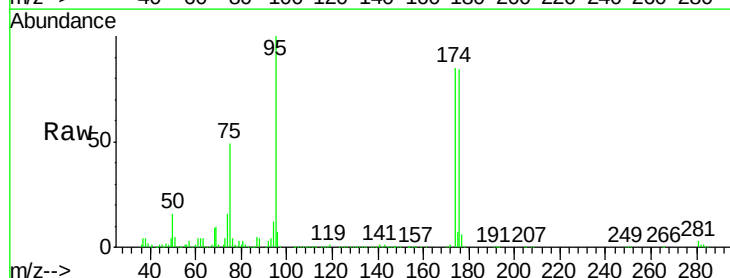
Acq: 13 Jan 2020 14:16

Tgt Ion: 75 Resp: 125543

Ion Ratio Lower Upper

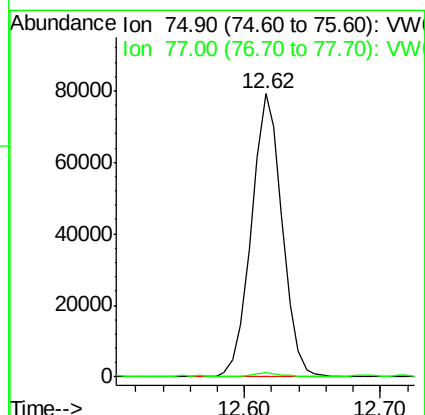
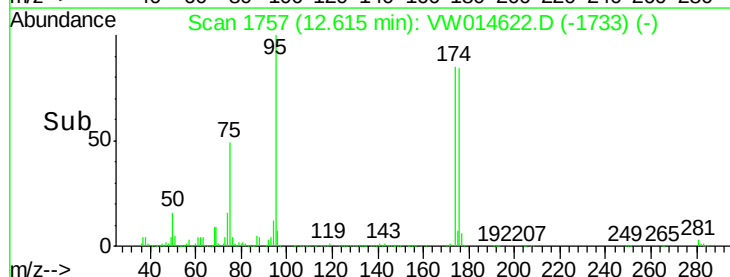
75 100

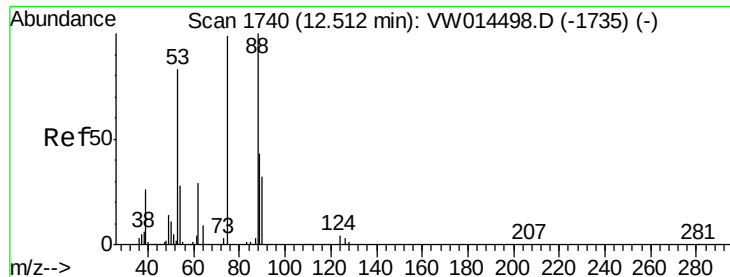
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

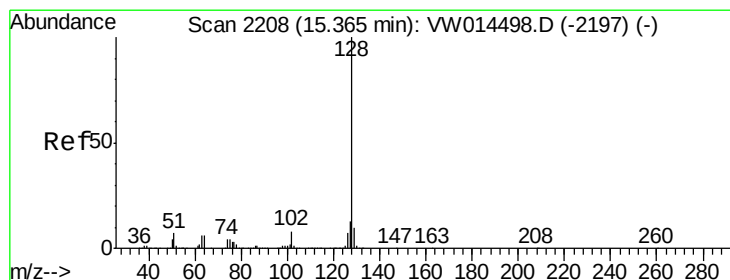
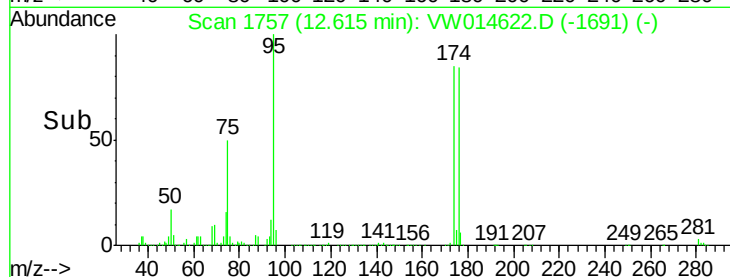
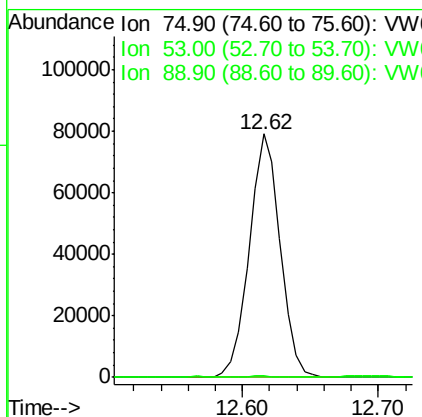
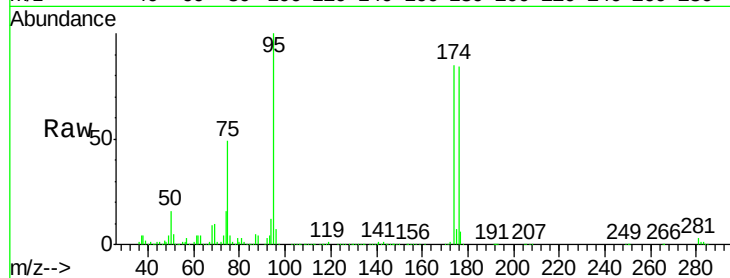




#81
trans-1,4-Dichloro-2-butene
Concen: 164.421 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW014622.D
Acq: 13 Jan 2020 14:16

Instrument :
MSVOA_W
ClientSampleId :
CIY1-SB-01-3-4RE

Tgt Ion: 75 Resp: 125543
Ion Ratio Lower Upper
75 100
53 0.5 70.9 106.3#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 2.173 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014622.D
Acq: 13 Jan 2020 14:16

Tgt Ion: 128 Resp: 13116
Ion Ratio Lower Upper
128 100
127 17.6 10.6 15.8#
129 8.8 8.7 13.1

