

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011320\
 Data File : VW014618.D
 Acq On : 13 Jan 2020 12:31
 Operator : SY/VA
 Sample : L1054-02RE
 Misc : 6.85G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CIY1-SB-02-0-2RE

Quant Time: Jan 14 12:16:03 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	224907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80044	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	125965	64.06	ug/l	0.00
Spiked Amount			Recovery	=	128.12%	
35) Dibromofluoromethane	7.88	113	123103	62.65	ug/l	0.00
Spiked Amount			Recovery	=	125.30%	
50) Toluene-d8	10.32	98	449523	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
62) 4-Bromofluorobenzene	12.62	95	117753	42.34	ug/l	0.00
Spiked Amount			Recovery	=	84.68%	

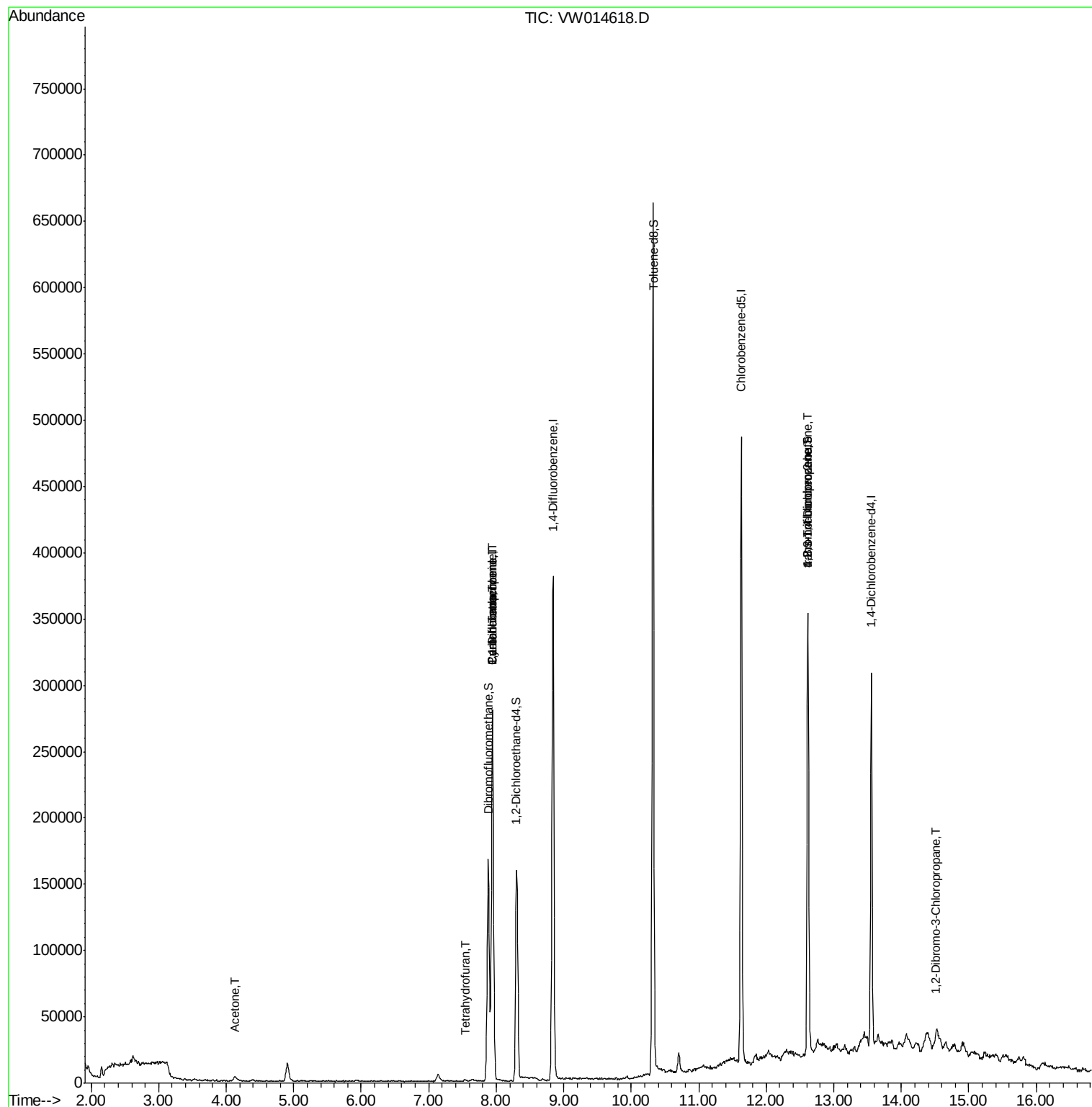
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	22	Below Cal	#	73
16) Acetone	4.14	43	8038	14.476	ug/l	100
20) Methylene Chloride	4.91	84	9600	Below Cal		98
29) Tetrahydrofuran	7.54	42	1120	2.537	ug/l #	45
31) Cyclohexane	7.95	56	4487	1.069	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16430	4.957	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20188	7.021	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	55410	73.216	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55410	163.128	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.50	75	449	2.675	ug/l #	45

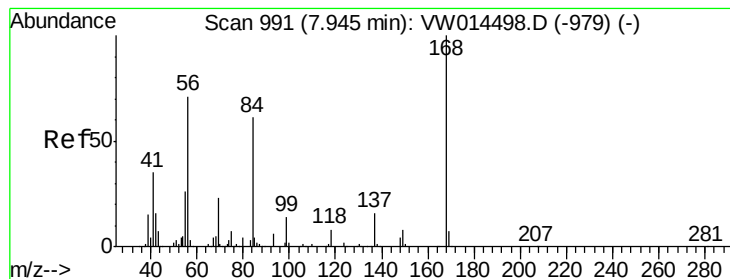
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011320\
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Quant Time: Jan 14 12:16:03 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: VW014618.D

Acq: 13 Jan 2020 12:31

Instrument :

MSVOA_W

ClientSampleId :

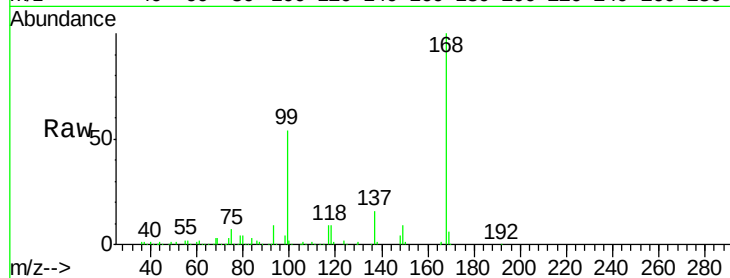
CIY1-SB-02-0-2RE

Tgt Ion:168 Resp: 224907

Ion Ratio Lower Upper

168 100

99 54.1 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

100000

80000

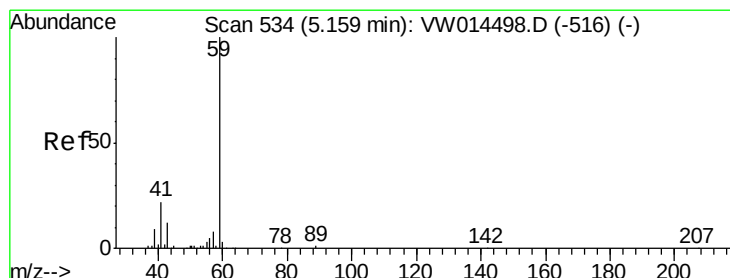
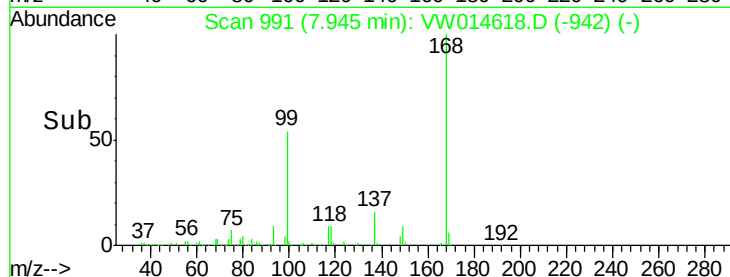
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW014618.D

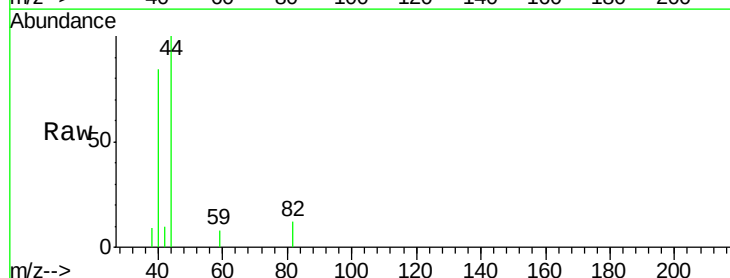
Acq: 13 Jan 2020 12:31

Tgt Ion: 59 Resp: 22

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

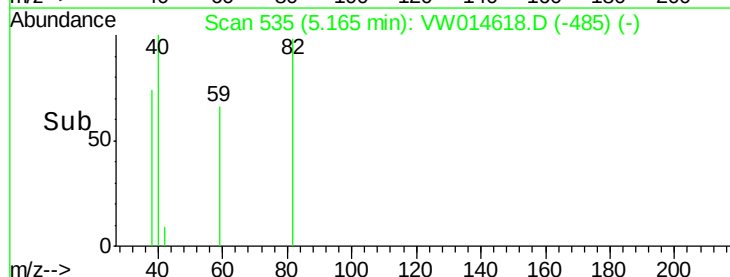
60

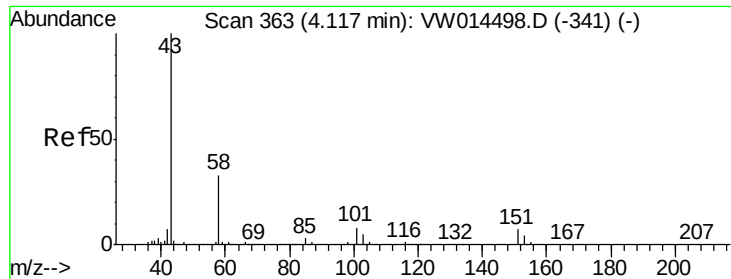
40

20

0

Time-->





#16

Acetone

Concen: 14.476 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW014618.D

Acq: 13 Jan 2020 12:31

Instrument :

MSVOA_W

ClientSampleId :

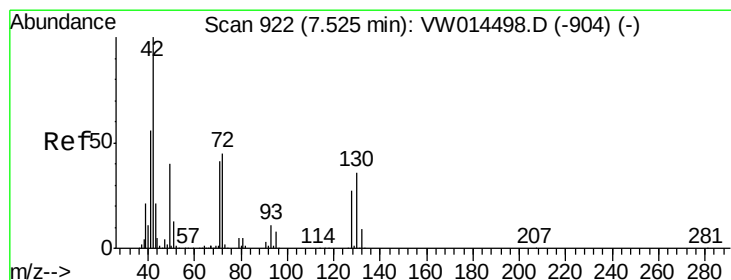
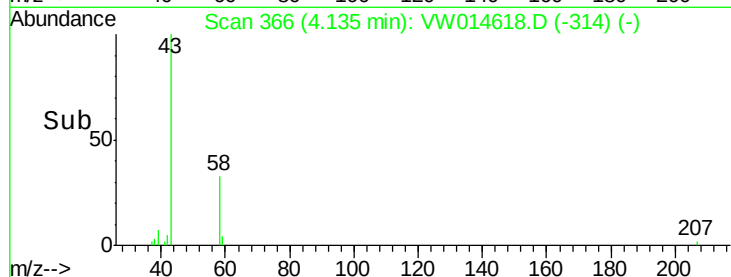
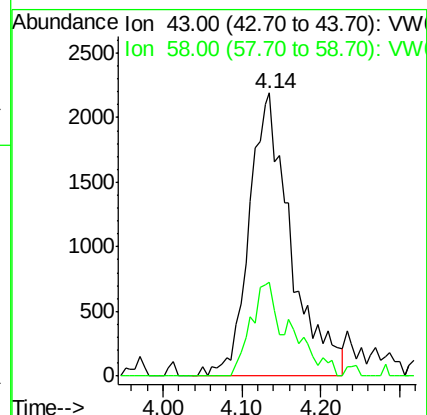
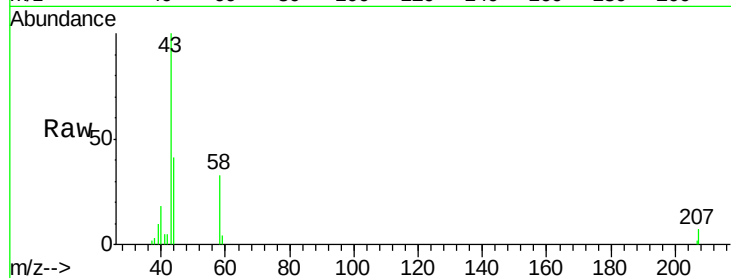
CIY1-SB-02-0-2RE

Tgt Ion: 43 Resp: 8038

Ion Ratio Lower Upper

43 100

58 33.1 26.6 39.8



#29

Tetrahydrofuran

Concen: 2.537 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW014618.D

Acq: 13 Jan 2020 12:31

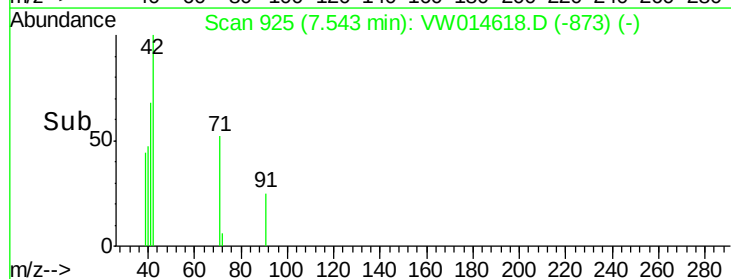
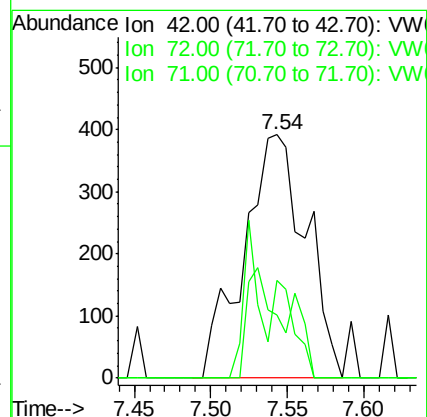
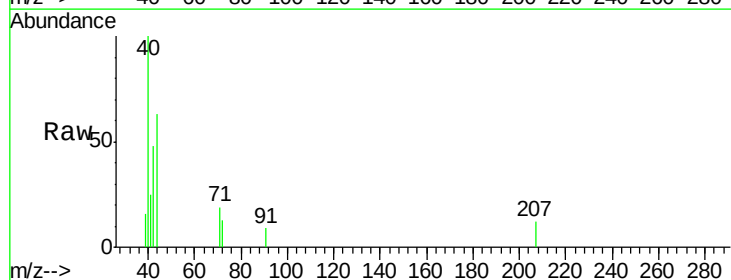
Tgt Ion: 42 Resp: 1120

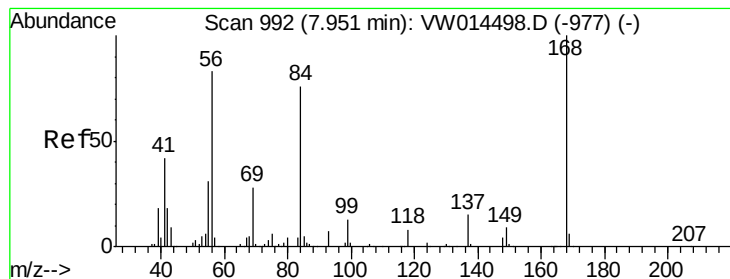
Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

71 13.8 32.0 48.0#





#31

Cyclohexane

Concen: 1.069 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014618.D

Acq: 13 Jan 2020 12:31

Instrument :

MSVOA_W

ClientSampleId :

CIY1-SB-02-0-2RE

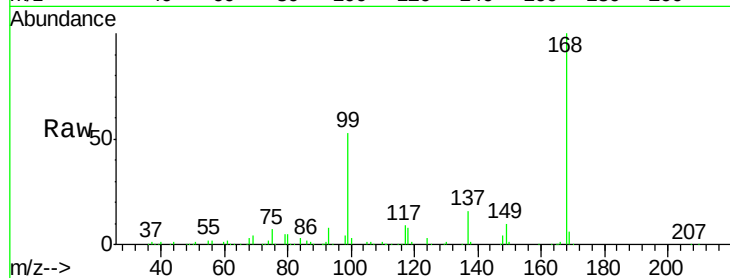
Tgt Ion: 56 Resp: 4487

Ion Ratio Lower Upper

56 100

69 176.3 26.8 40.2#

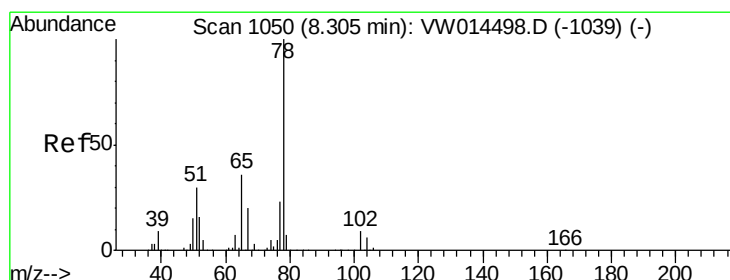
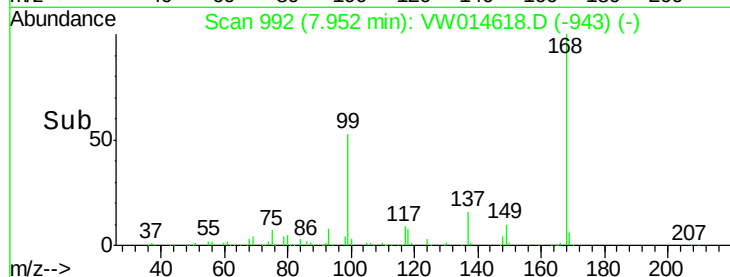
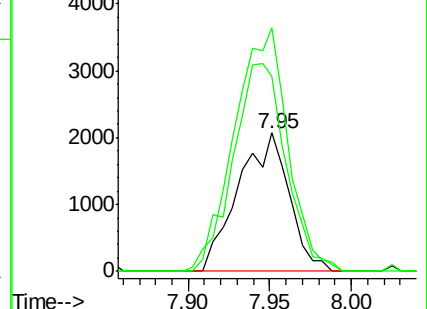
84 141.3 71.8 107.6#



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: 64.059 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014618.D

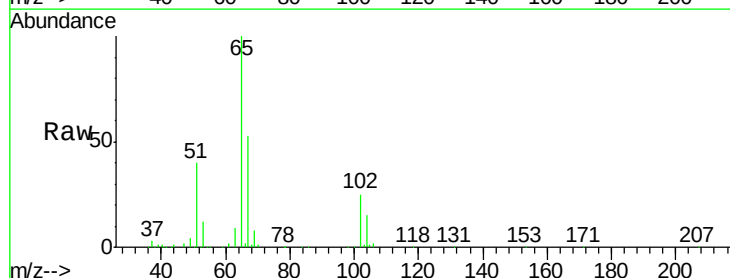
Acq: 13 Jan 2020 12:31

Tgt Ion: 65 Resp: 125965

Ion Ratio Lower Upper

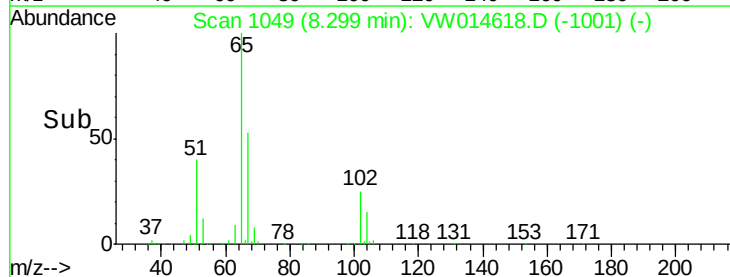
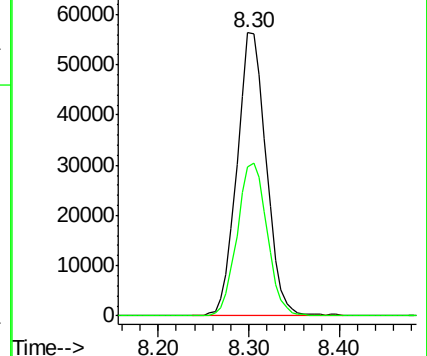
65 100

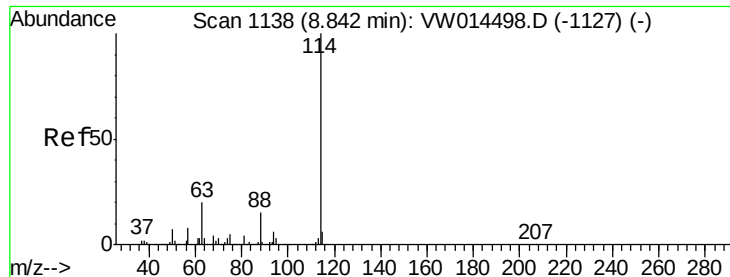
67 55.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

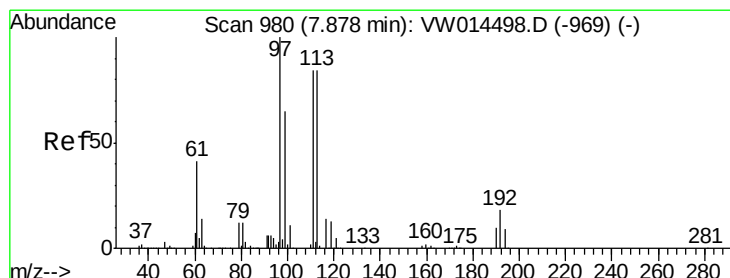
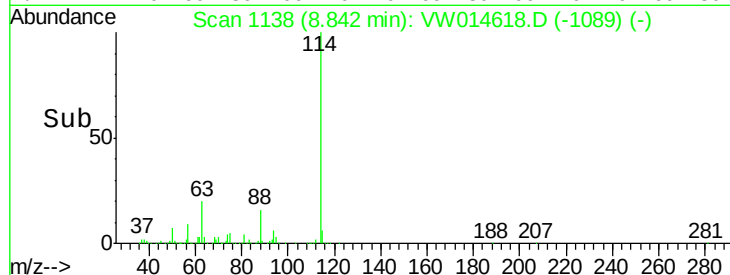
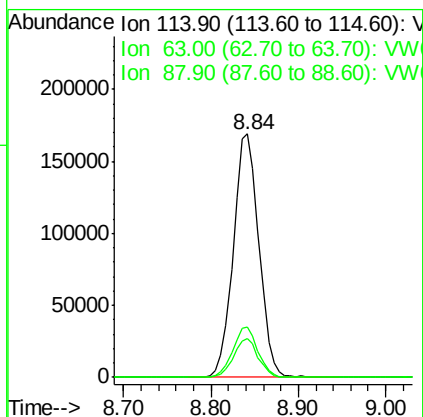
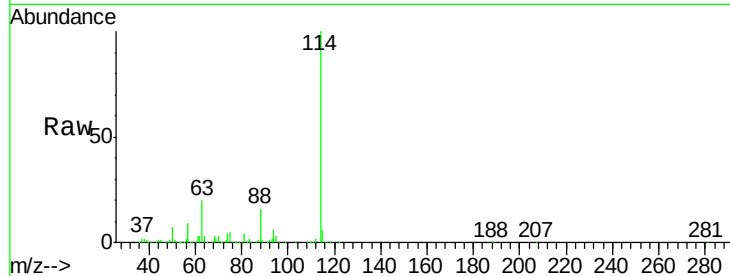




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW014618.D
Acq: 13 Jan 2020 12:31

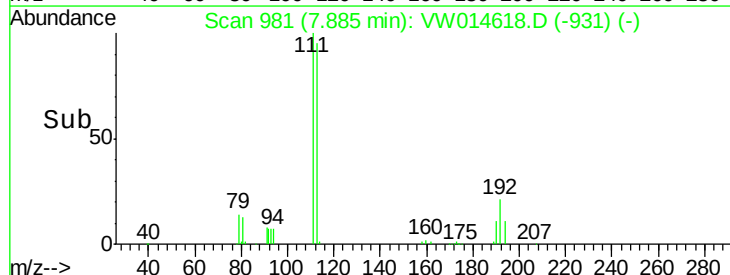
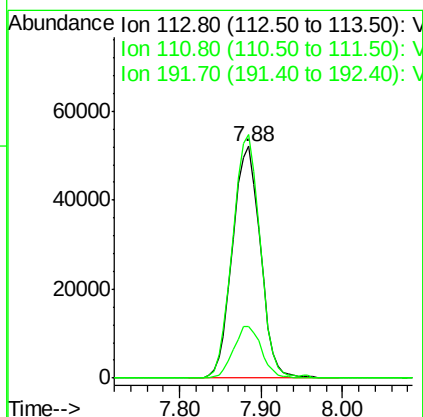
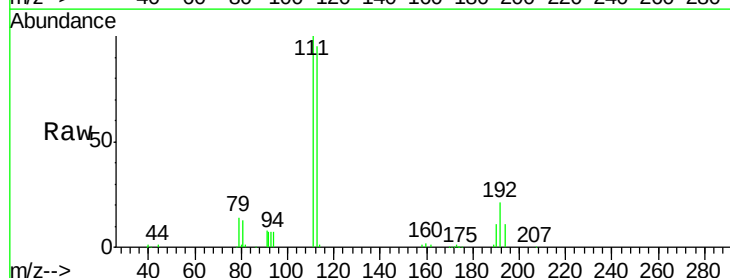
Instrument :
MSVOA_W
ClientSampleId :
CIY1-SB-02-0-2RE

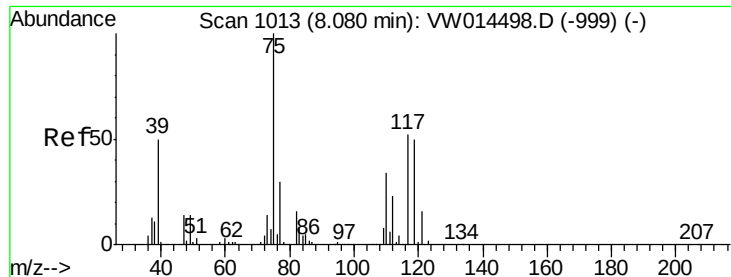
Tgt Ion:114 Resp: 343791
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 62.653 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW014618.D
Acq: 13 Jan 2020 12:31

Tgt Ion:113 Resp: 123103
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.2
192 22.2 17.8 26.8

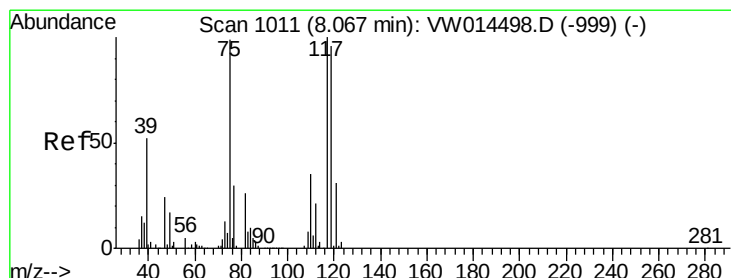
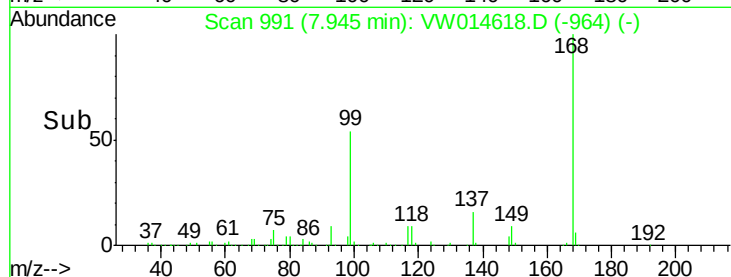
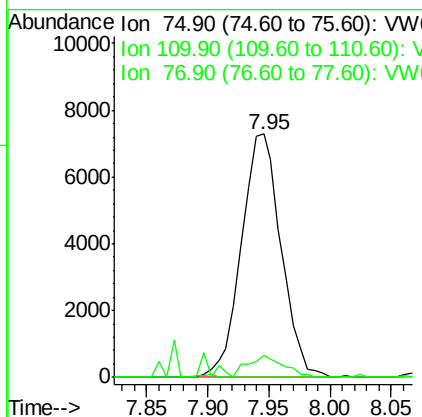
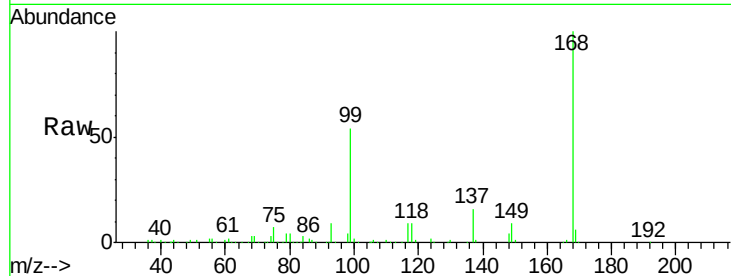




#36
 1,1-Dichloropropene
 Concen: 4.957 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014618.D
 Acq: 13 Jan 2020 12:31

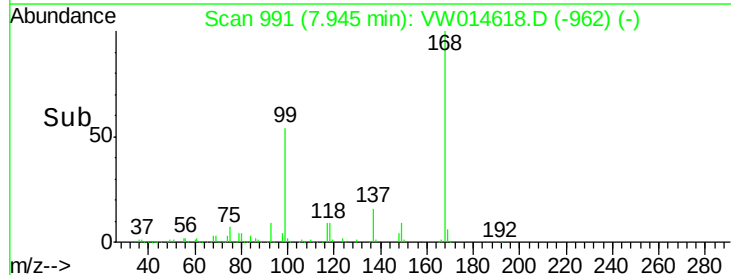
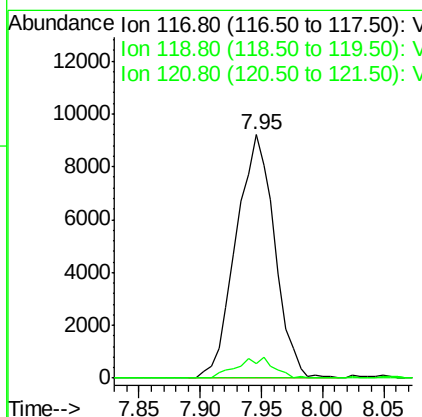
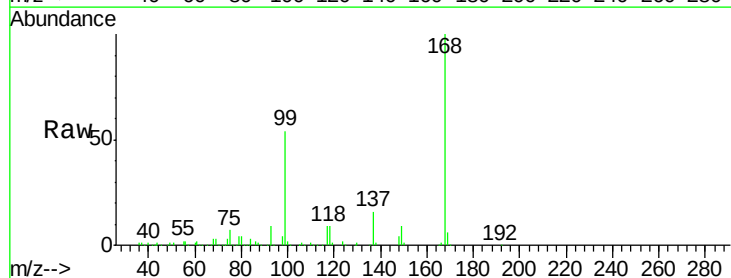
Instrument :
 MSVOA_W
 ClientSampleId :
 CIY1-SB-02-0-2RE

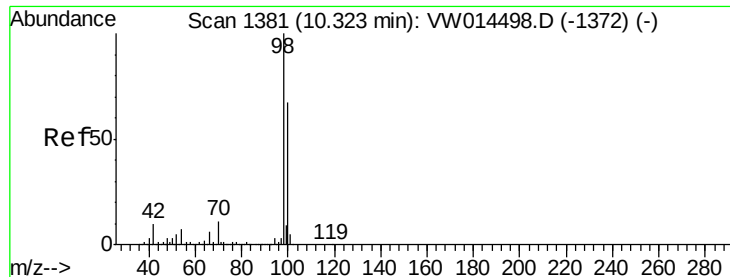
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.8	53.5#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 7.021 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014618.D
 Acq: 13 Jan 2020 12:31

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

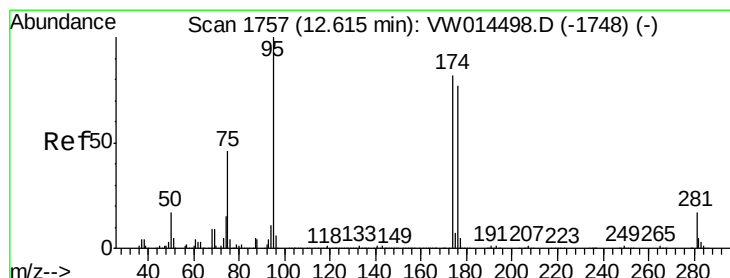
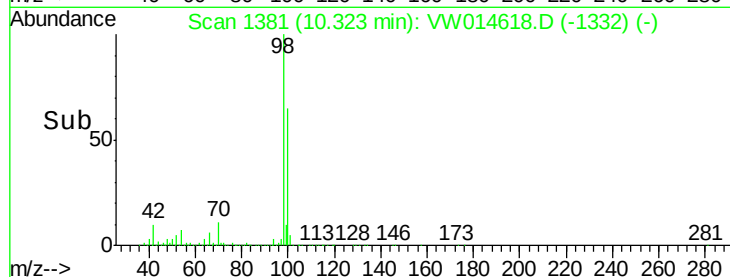
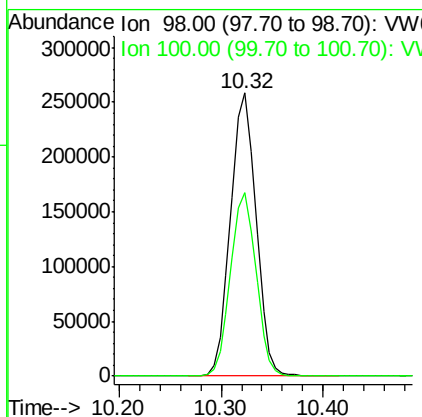
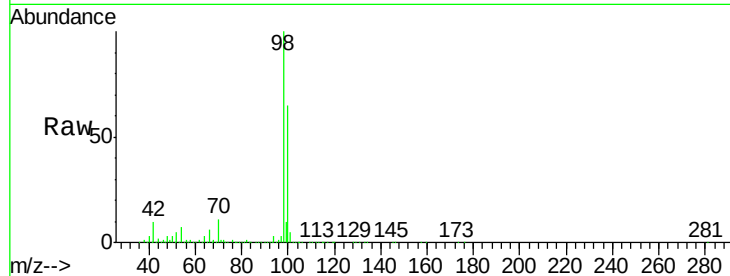




#50
Toluene-d8
Concen: 54.822 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014618.D
Acq: 13 Jan 2020 12:31

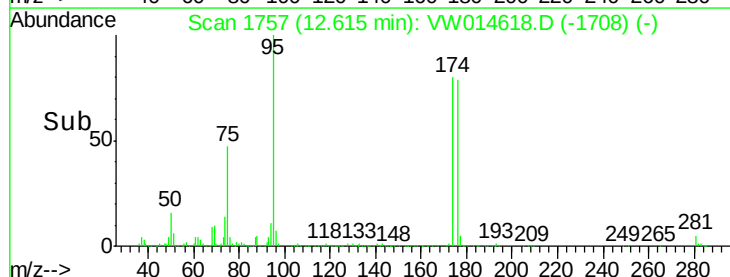
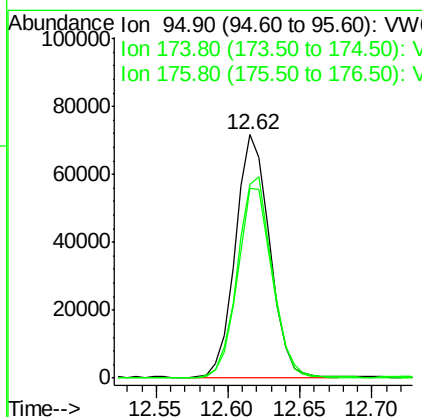
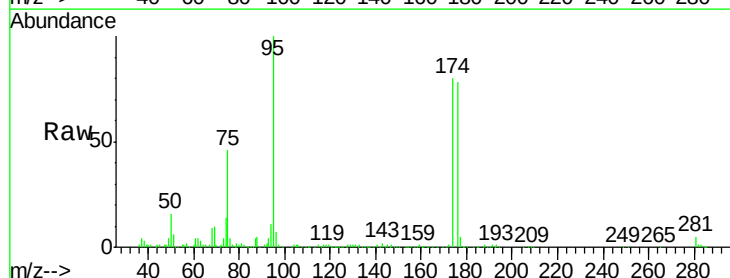
Instrument :
MSVOA_W
ClientSampleId :
CIY1-SB-02-0-2RE

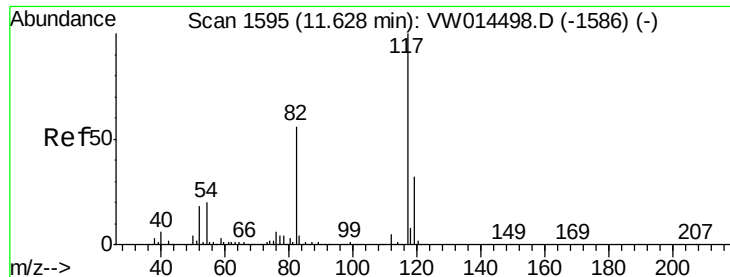
Tgt Ion: 98 Resp: 449523
Ion Ratio Lower Upper
98 100
100 64.8 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 42.338 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014618.D
Acq: 13 Jan 2020 12:31

Tgt Ion: 95 Resp: 117753
Ion Ratio Lower Upper
95 100
174 85.3 0.0 168.6
176 79.5 0.0 162.0

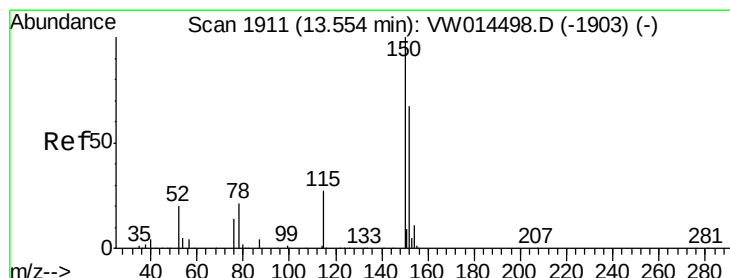
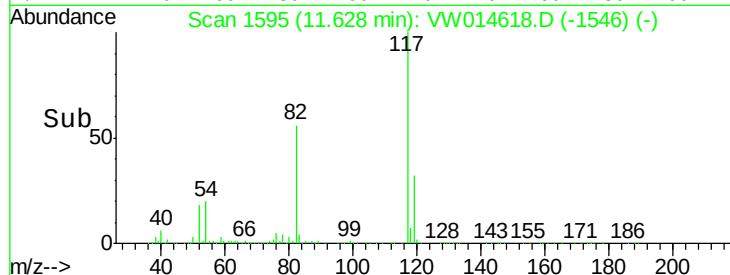
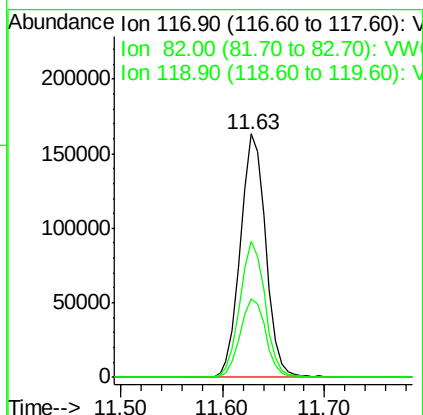
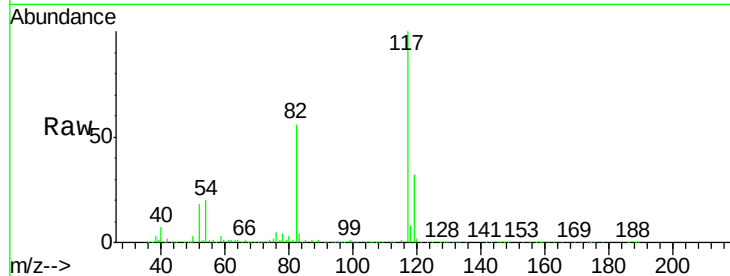




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014618.D
Acq: 13 Jan 2020 12:31

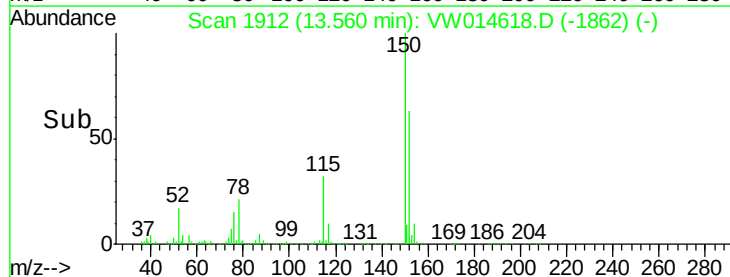
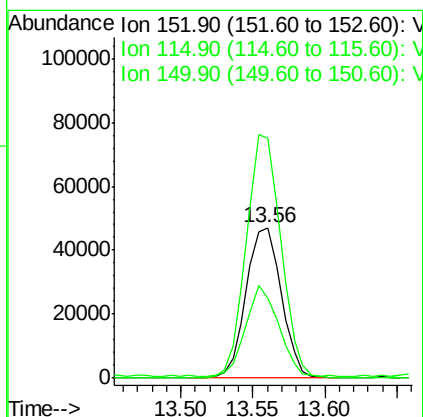
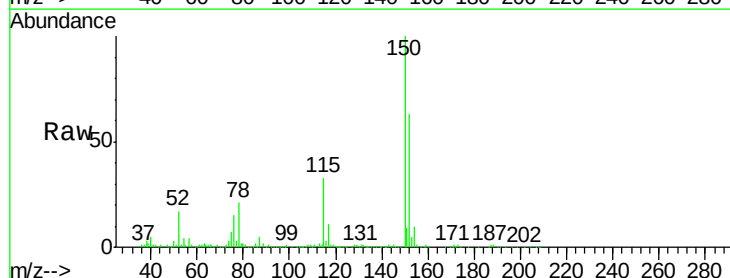
Instrument :
MSVOA_W
ClientSampleId :
CIY1-SB-02-0-2RE

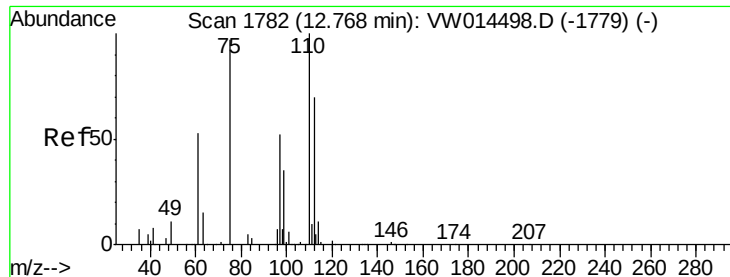
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.6	67.0
119	32.1	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014618.D
Acq: 13 Jan 2020 12:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.7	83.1
150	159.0	0.0	343.4





#76

1,2,3-Trichloropropane

Concen: 73.216 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014618.D

Acq: 13 Jan 2020 12:31

Instrument :

MSVOA_W

ClientSampleId :

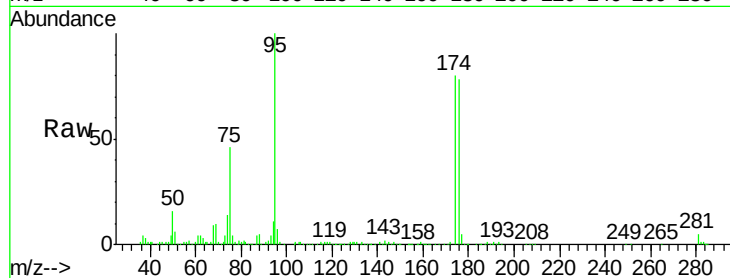
CIY1-SB-02-0-2RE

Tgt Ion: 75 Resp: 55410

Ion Ratio Lower Upper

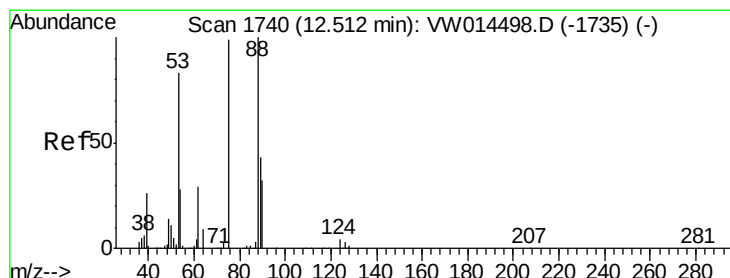
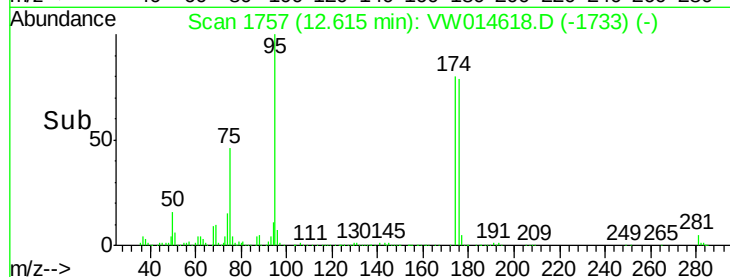
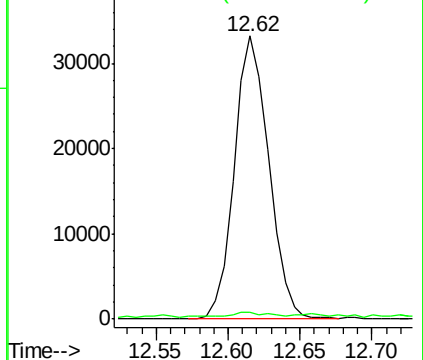
75 100

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: 163.128 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014618.D

Acq: 13 Jan 2020 12:31

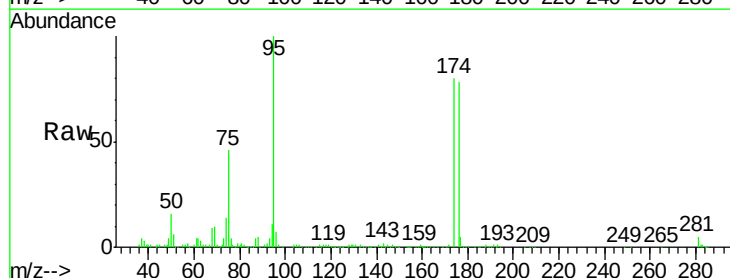
Tgt Ion: 75 Resp: 55410

Ion Ratio Lower Upper

75 100

53 0.0 70.9 106.3#

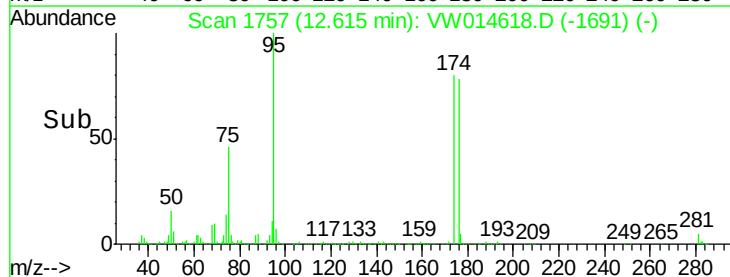
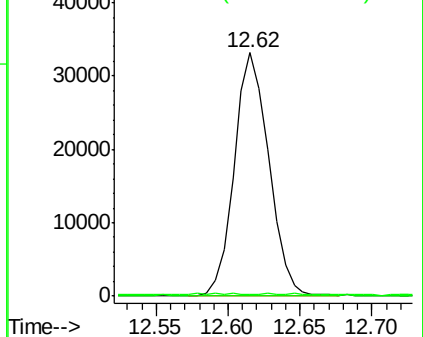
89 0.1 35.8 53.8#

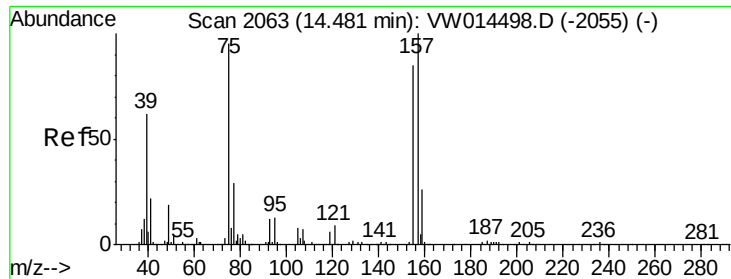


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.675 ug/l
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.02 min
 Lab File: VW014618.D
 Acq: 13 Jan 2020 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 CIY1-SB-02-0-2RE

Tgt Ion: 75 Resp: 449
 Ion Ratio Lower Upper
 75 100
 155 28.1 45.8 137.4#
 157 165.7 58.1 174.2

