

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015720.D
 Acq On : 25 Jun 2020 11:27
 Operator : SY/VA
 Sample : L2817-11
 Misc : 9.10G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-062420

Quant Time: Jun 26 01:38:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	157235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	265964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108711	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	104998	60.02	ug/l	0.00
Spiked Amount			Recovery	=	120.04%	
35) Dibromofluoromethane	7.88	113	85067	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	10.32	98	328324	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.62	95	111758	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	

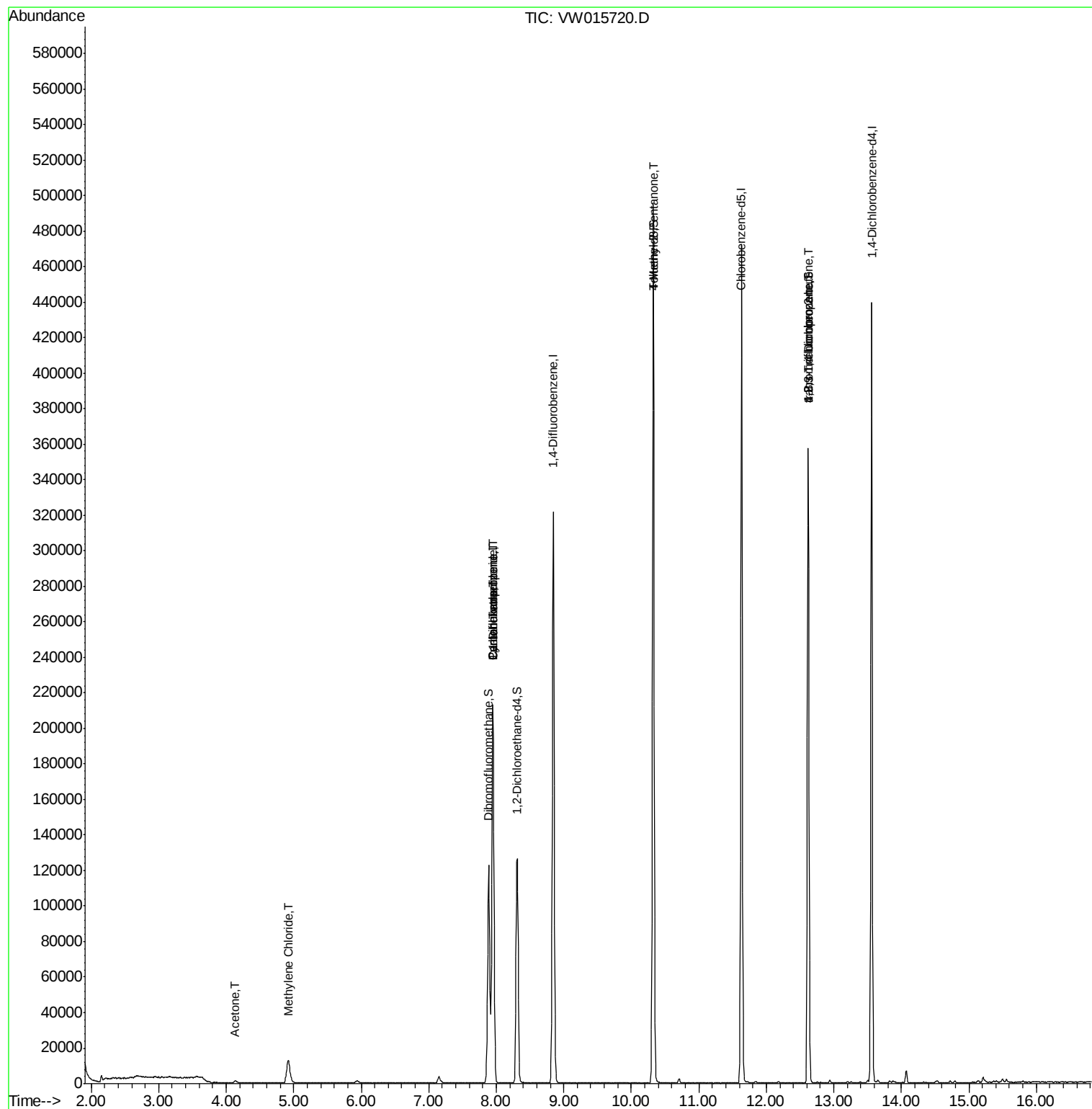
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2282	6.862	ug/l	93
18) Methyl Acetate	4.66	43	96	Below Cal	#	52
20) Methylene Chloride	4.92	84	10879	2.375	ug/l	97
31) Cyclohexane	7.95	56	3968	1.317	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	13441	4.859	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15912	5.934	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1578	1.552	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	61183	61.701	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	61183	155.488	ug/l #	8

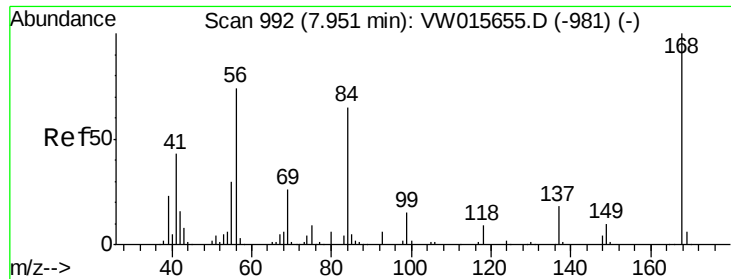
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062520\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015720.D

Acq: 25 Jun 2020 11:27

Instrument :

MSVOA_W

ClientSampleId :

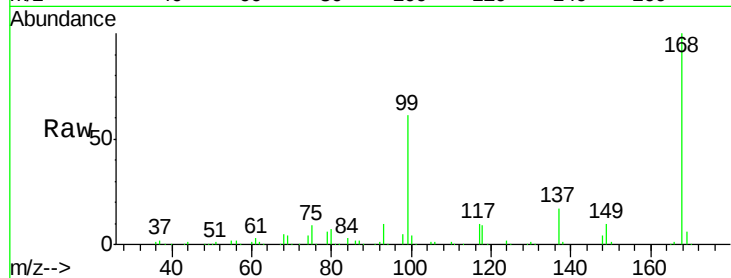
SU-01-062420

Tot Ion:168 Resp: 157235

Ion Ratio Lower Upper

168 100

99 60.8 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

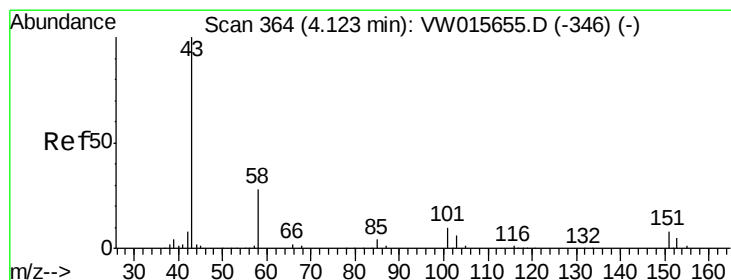
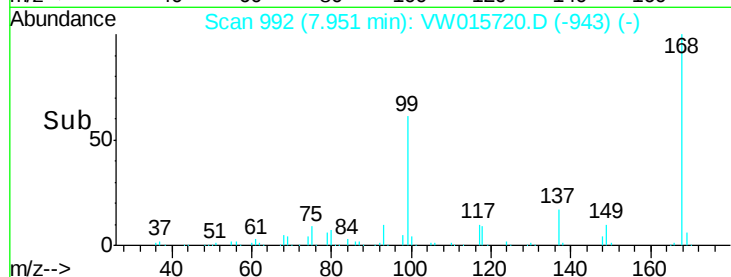
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 6.862 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015720.D

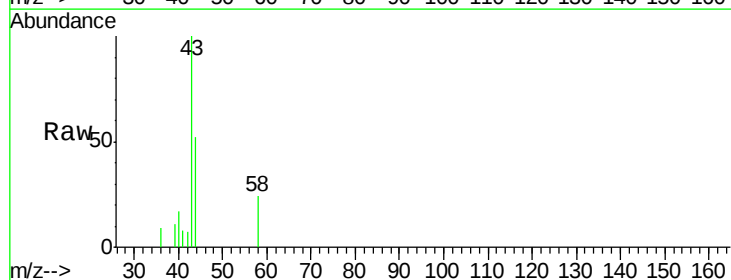
Acq: 25 Jun 2020 11:27

Tgt Ion: 43 Resp: 2282

Ion Ratio Lower Upper

43 100

58 24.4 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

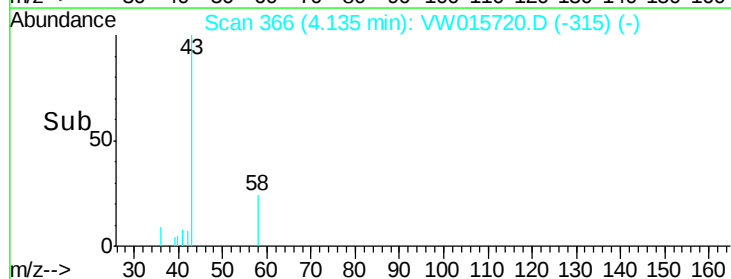
600

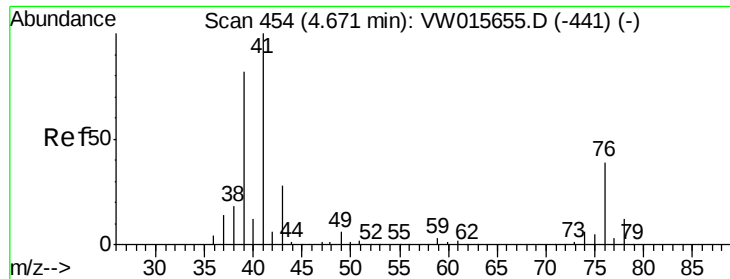
400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25

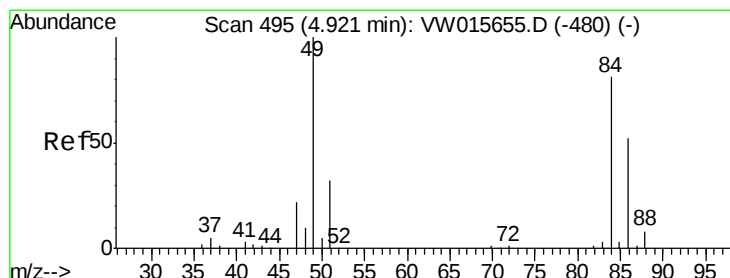
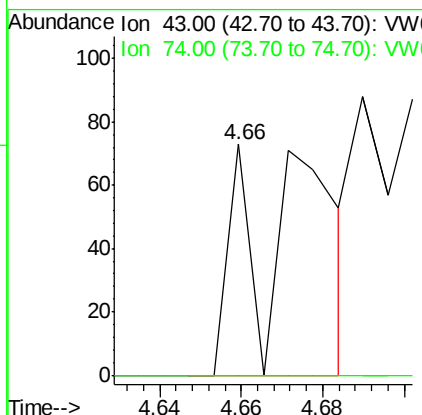
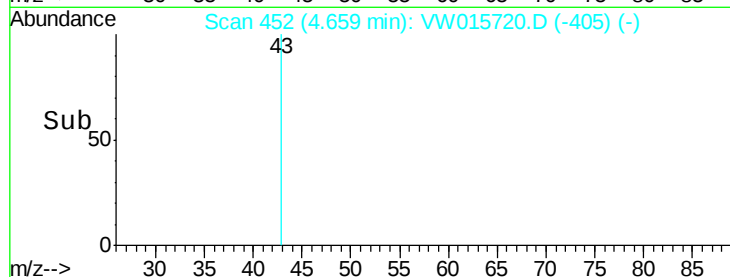
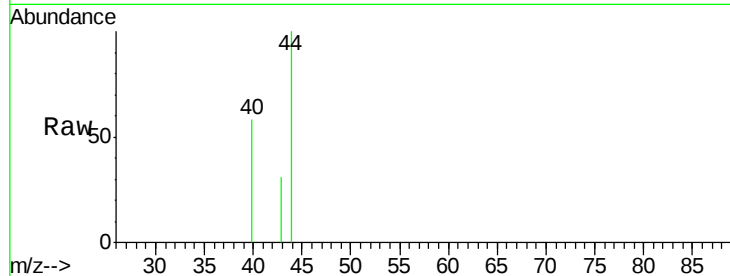




#18
Methyl Acetate
Concen: Below Cal
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW015720.D
Acq: 25 Jun 2020 11:27

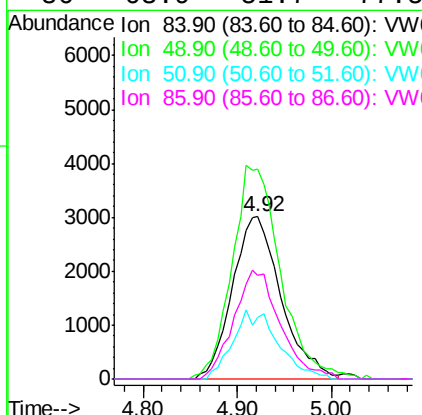
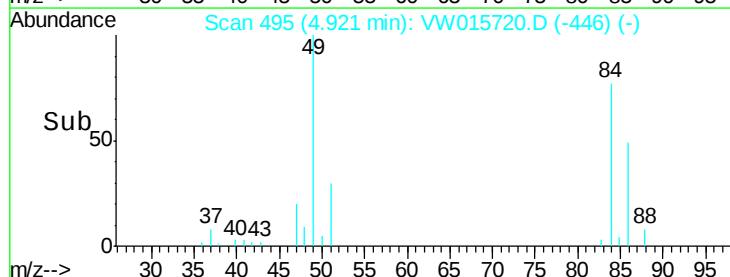
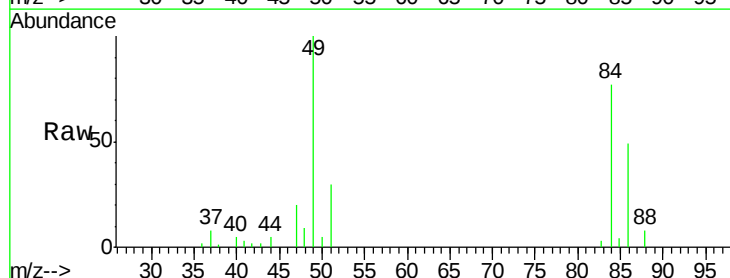
Instrument :
MSVOA_W
ClientSampleId :
SU-01-062420

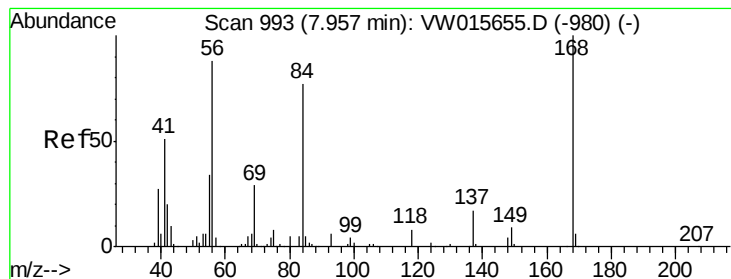
Tot Ion: 43 Resp: 96
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 2.375 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015720.D
Acq: 25 Jun 2020 11:27

Tgt Ion: 84 Resp: 10879
Ion Ratio Lower Upper
84 100
49 129.5 99.3 148.9
51 38.2 31.8 47.6
86 63.9 51.7 77.5





#31

Cyclohexane

Concen: 1.317 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015720.D

Acq: 25 Jun 2020 11:27

Instrument :

MSVOA_W

ClientSampleId :

SU-01-062420

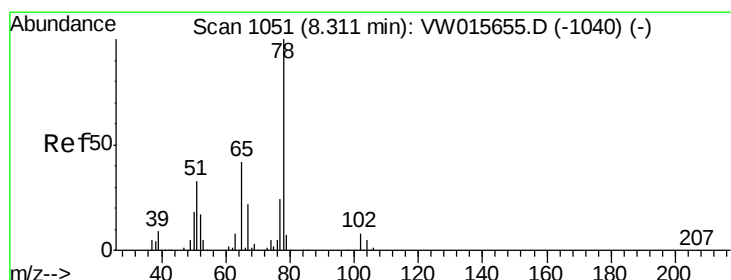
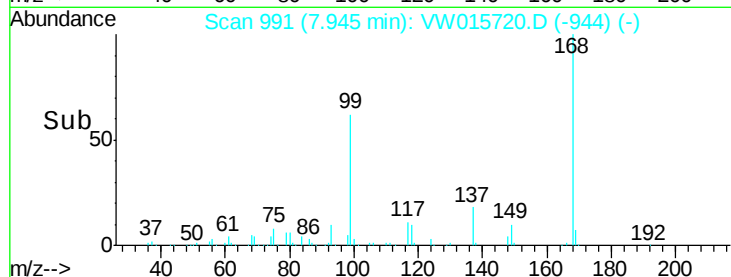
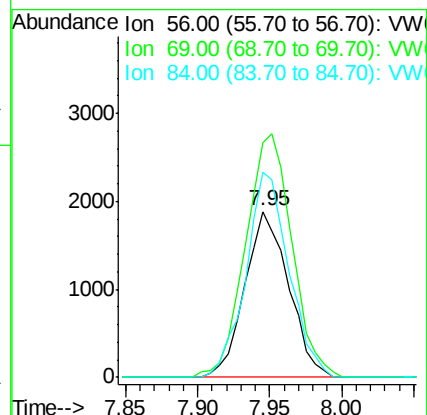
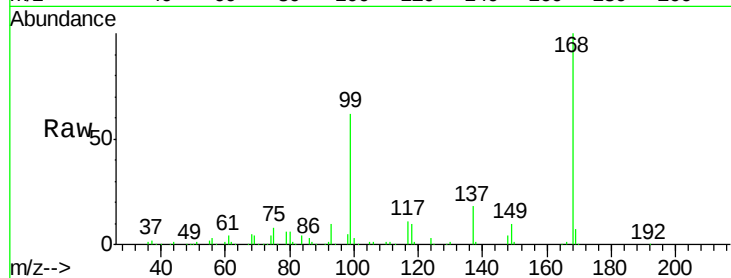
Tot Ion: 56 Resp: 3968

Ion Ratio Lower Upper

56 100

69 141.5 26.2 39.4#

84 123.6 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 60.018 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015720.D

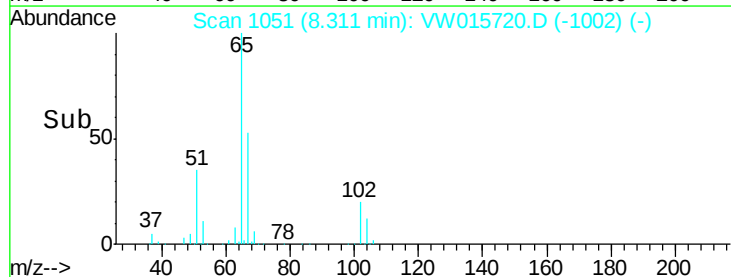
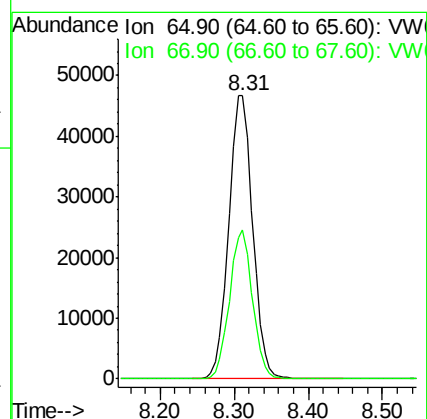
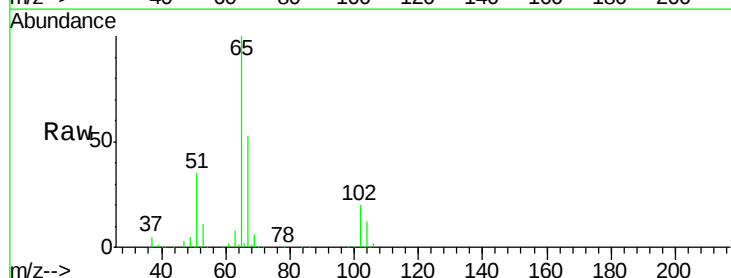
Acq: 25 Jun 2020 11:27

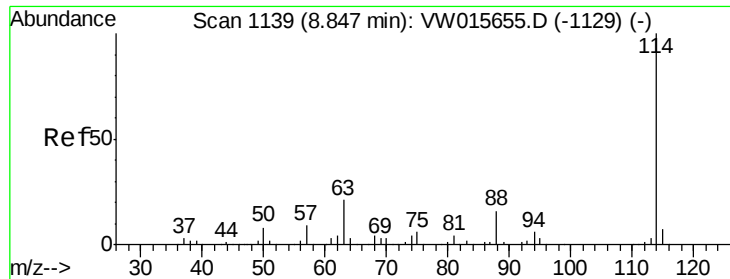
Tgt Ion: 65 Resp: 104998

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.2

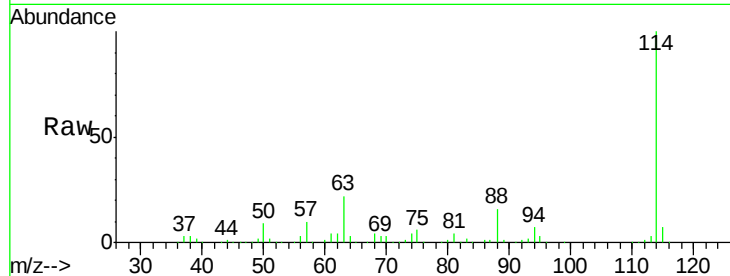




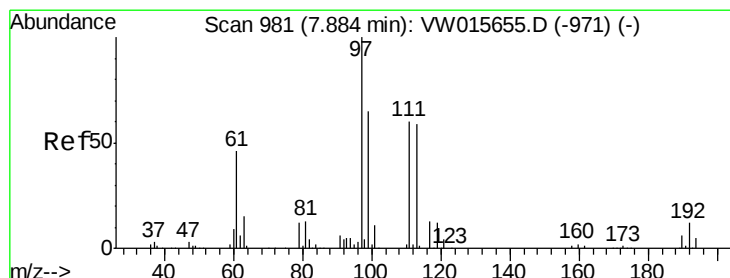
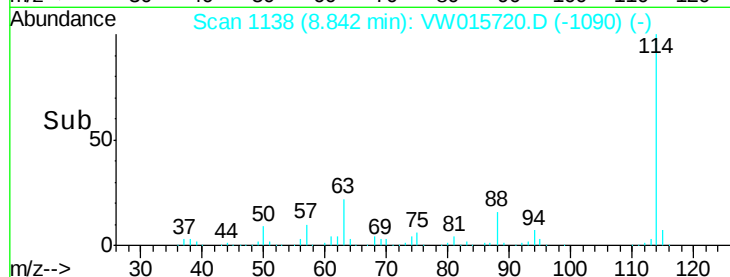
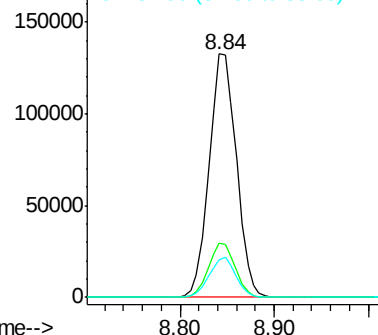
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW015720.D
Acq: 25 Jun 2020 11:27

Instrument :
MSVOA_W
ClientSampleId :
SU-01-062420

Tot Ion:114 Resp: 265964
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.4
88 15.5 0.0 32.6

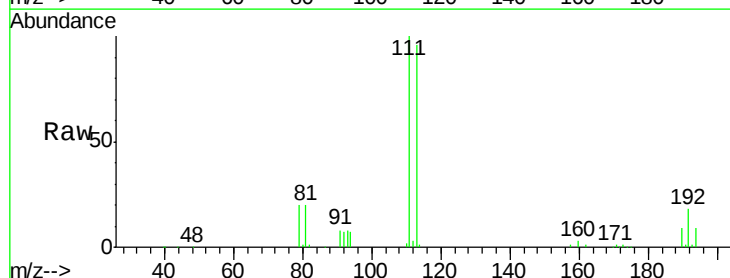


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

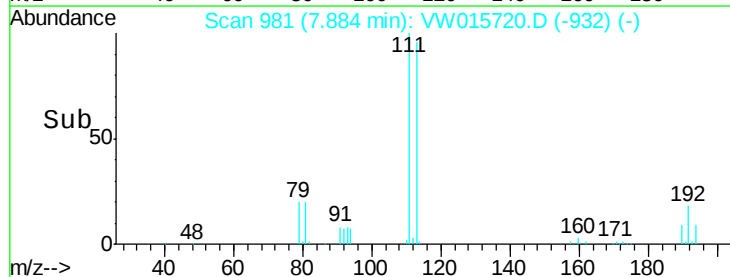
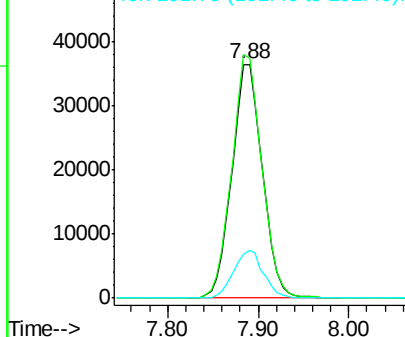


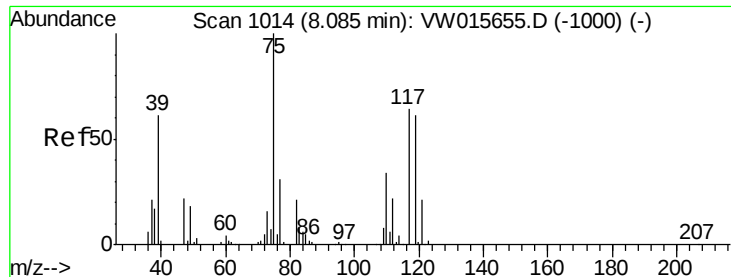
#35
Dibromofluoromethane
Concen: 50.847 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015720.D
Acq: 25 Jun 2020 11:27

Tgt Ion:113 Resp: 85067
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 19.9 16.4 24.6



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

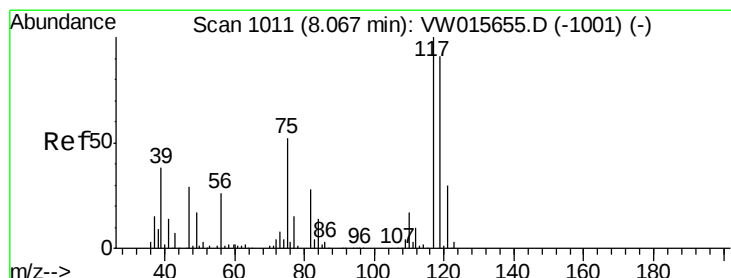
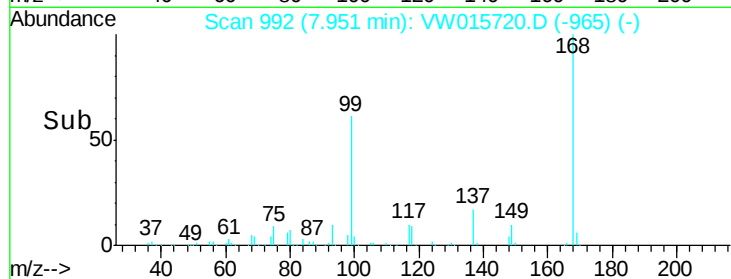
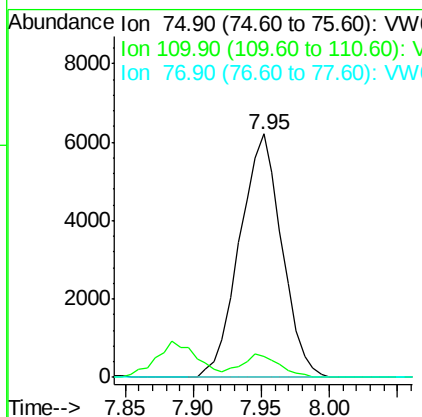
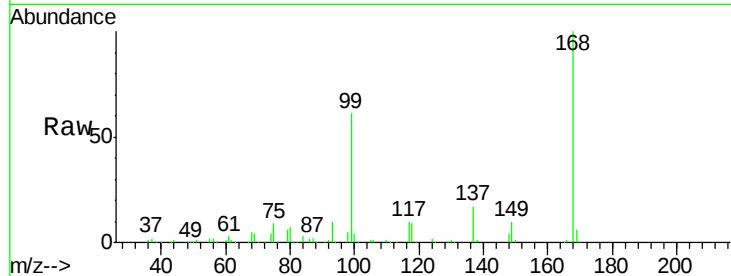




#36
 1,1-Dichloropropene
 Concen: 4.859 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015720.D
 Acq: 25 Jun 2020 11:27

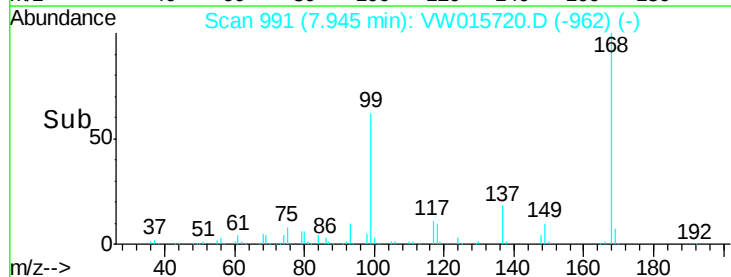
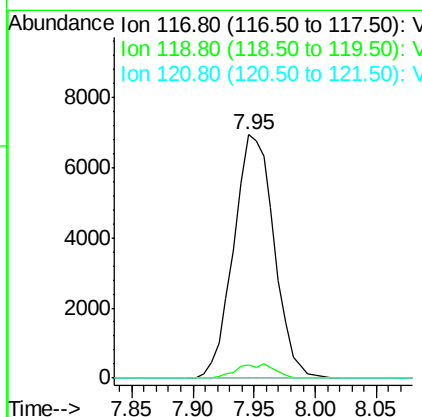
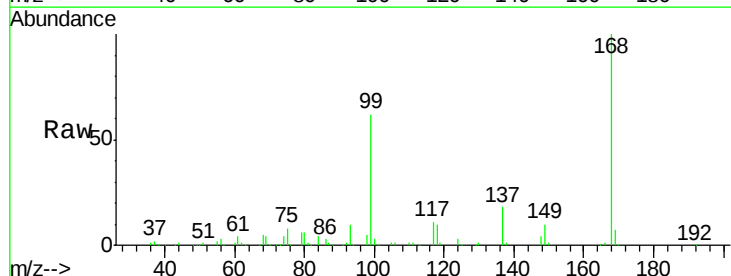
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-062420

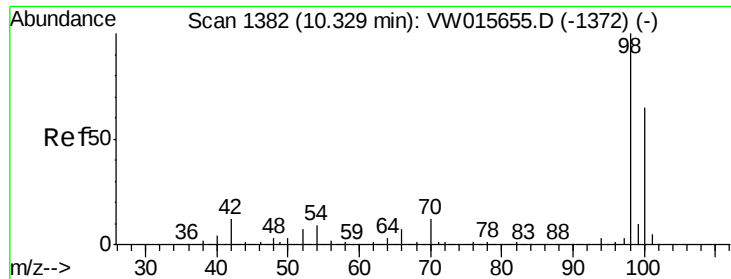
Tot Ion	75	Resp	13441
Ion Ratio	Lower	Upper	
75	100		
110	8.6	17.0	51.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.934 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW015720.D
 Acq: 25 Jun 2020 11:27

Tgt Ion	117	Resp	15912
Ion Ratio	Lower	Upper	
117	100		
119	5.6	73.2	109.8#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 49.868 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015720.D

Acq: 25 Jun 2020 11:27

Instrument :

MSVOA_W

ClientSampleId :

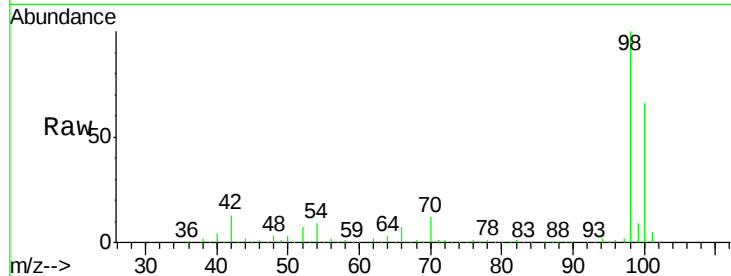
SU-01-062420

Tot Ion: 98 Resp: 328324

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

200000

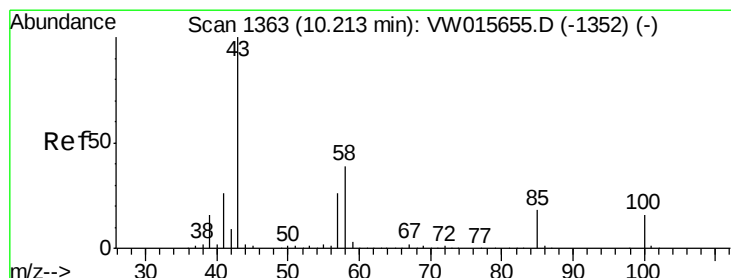
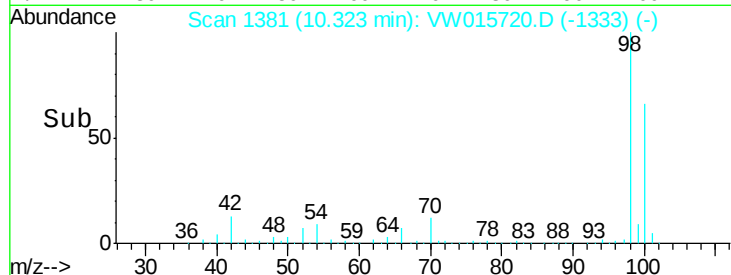
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#51

4-Methyl-2-Pentanone

Concen: 1.552 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015720.D

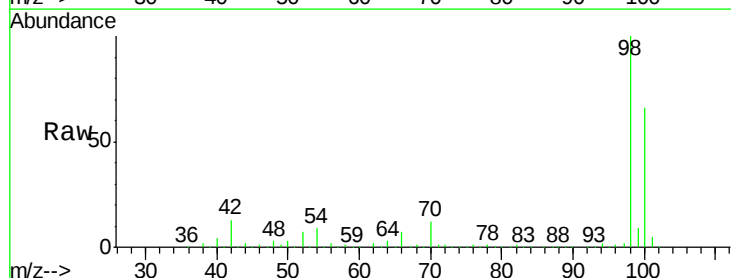
Acq: 25 Jun 2020 11:27

Tgt Ion: 43 Resp: 1578

Ion Ratio Lower Upper

43 100

58 179.2 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

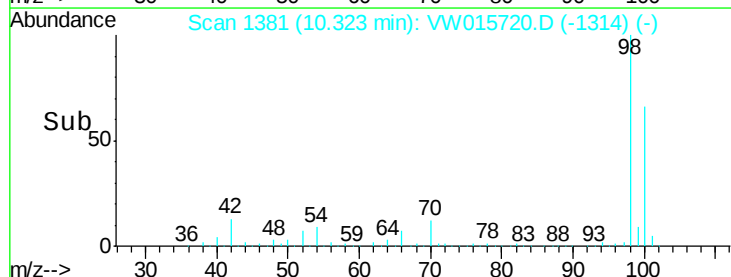
1500

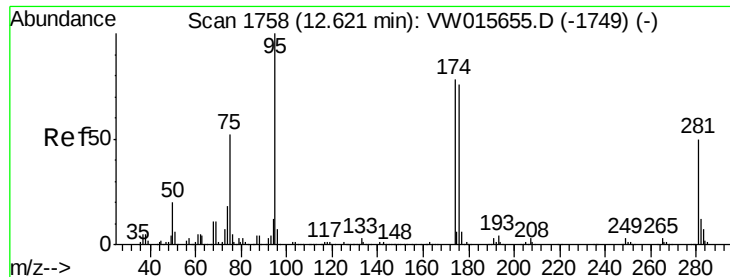
1000

500

0

Time--> 10.25 10.30 10.35





#62

4-Bromofluorobenzene

Concen: 46.092 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015720.D

Acq: 25 Jun 2020 11:27

Instrument :

MSVOA_W

ClientSampleId :

SU-01-062420

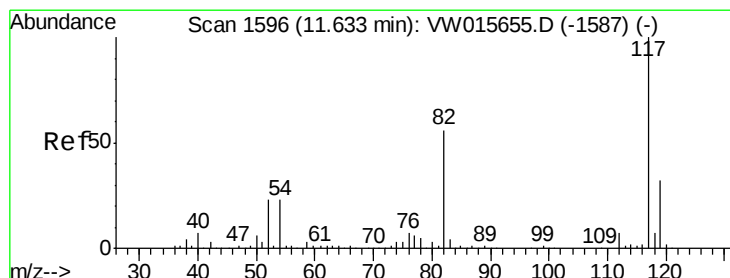
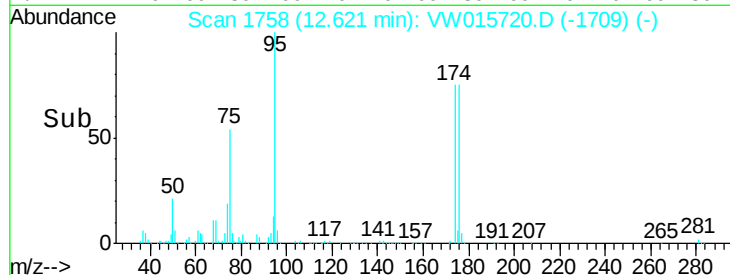
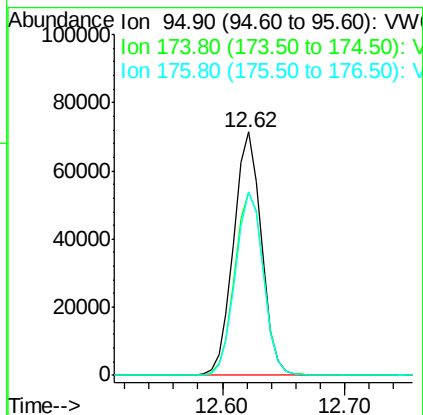
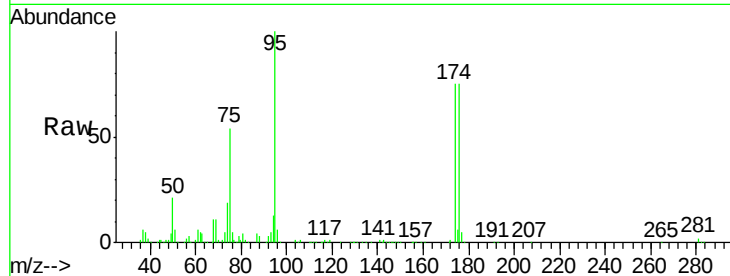
Tot Ion: 95 Resp: 111758

Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.0

176 76.0 0.0 151.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015720.D

Acq: 25 Jun 2020 11:27

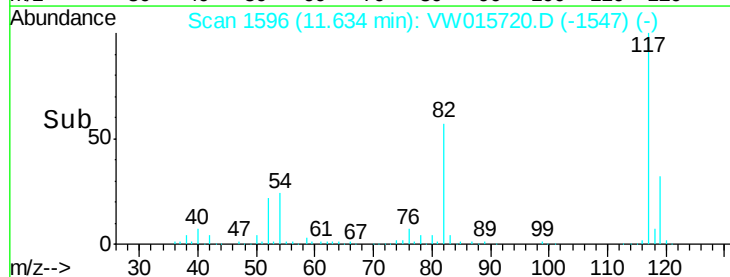
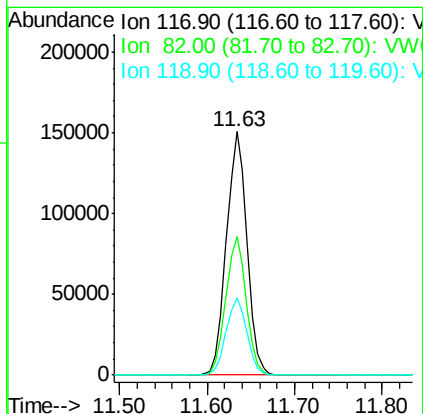
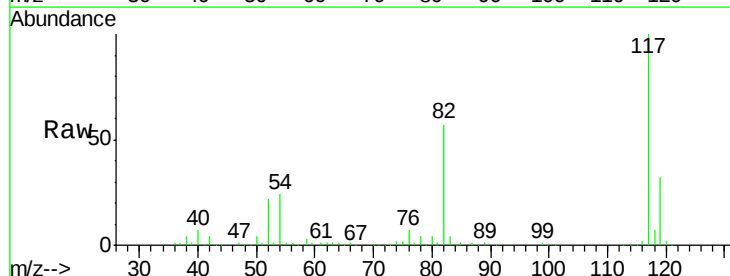
Tgt Ion: 117 Resp: 244998

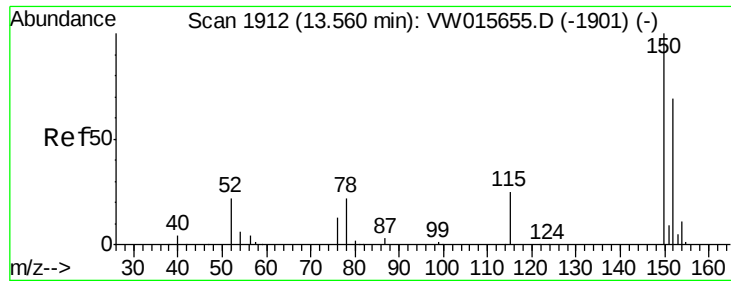
Ion Ratio Lower Upper

117 100

82 56.9 45.1 67.7

119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015720.D

Acq: 25 Jun 2020 11:27

Instrument :

MSVOA_W

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SU-01-062420

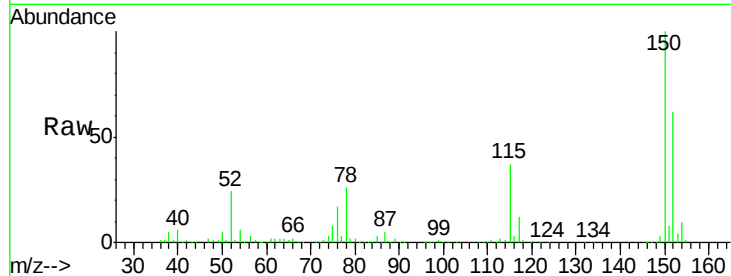
Tot Ion:152 Resp: 108711

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.5

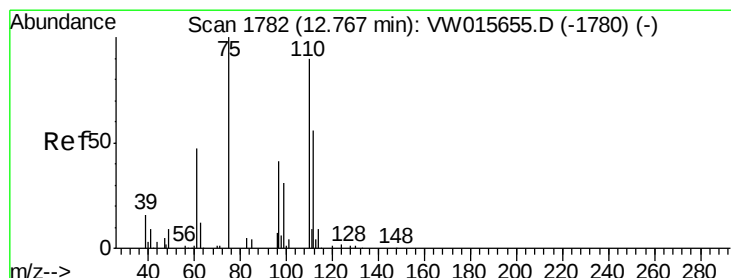
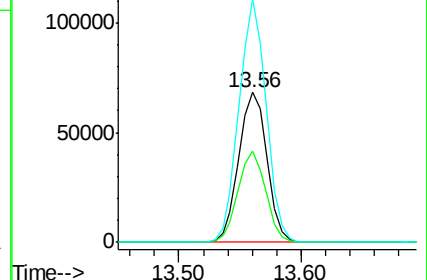
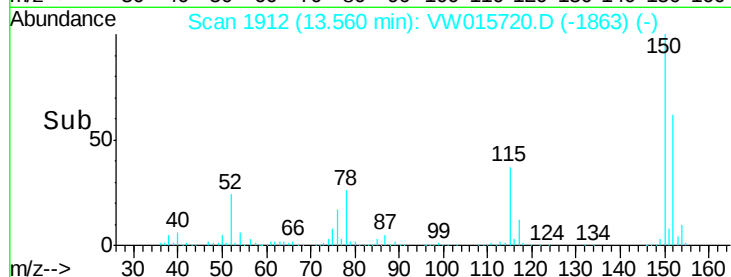
150 156.3 0.0 345.6



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: 61.701 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015720.D

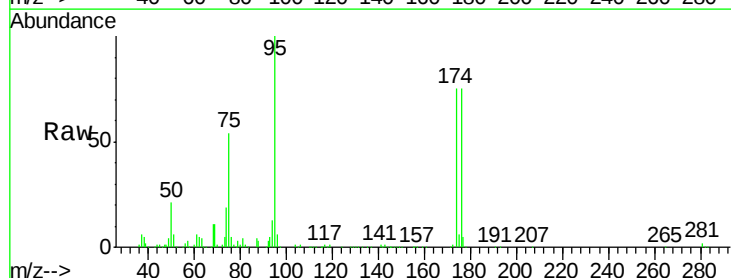
Acq: 25 Jun 2020 11:27

Tgt Ion: 75 Resp: 61183

Ion Ratio Lower Upper

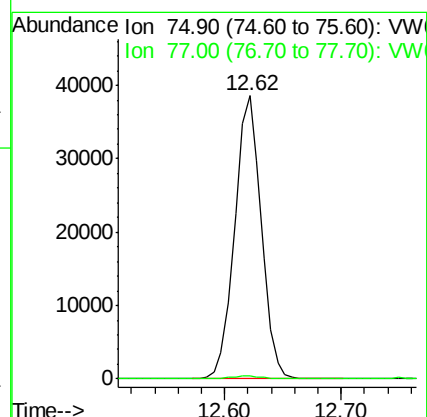
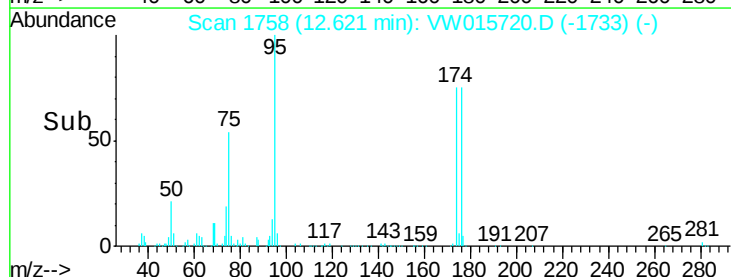
75 100

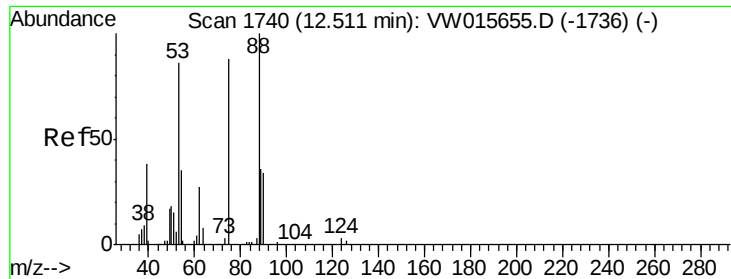
77 1.2 179.1 537.1#



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: 155.488 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015720.D

Acq: 25 Jun 2020 11:27

Instrument :

MSVOA_W

ClientSampleId :

SU-01-062420

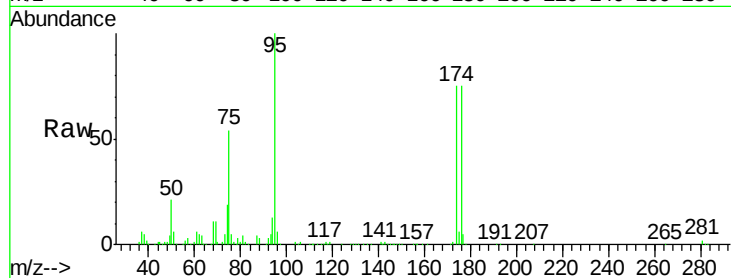
Tot Ion: 75 Resp: 61183

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.1 36.6 55.0#



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

