

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015684.D
 Acq On : 24 Jun 2020 15:47
 Operator : SY/VA
 Sample : L3082-07
 Misc : 5.09G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8

Quant Time: Jun 25 02:04:29 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	148116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	268109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110766	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	102858	62.41	ug/l	0.00
Spiked Amount			Recovery	=	124.82%	
35) Dibromofluoromethane	7.88	113	86812	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
50) Toluene-d8	10.32	98	334587	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.62	95	113646	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	

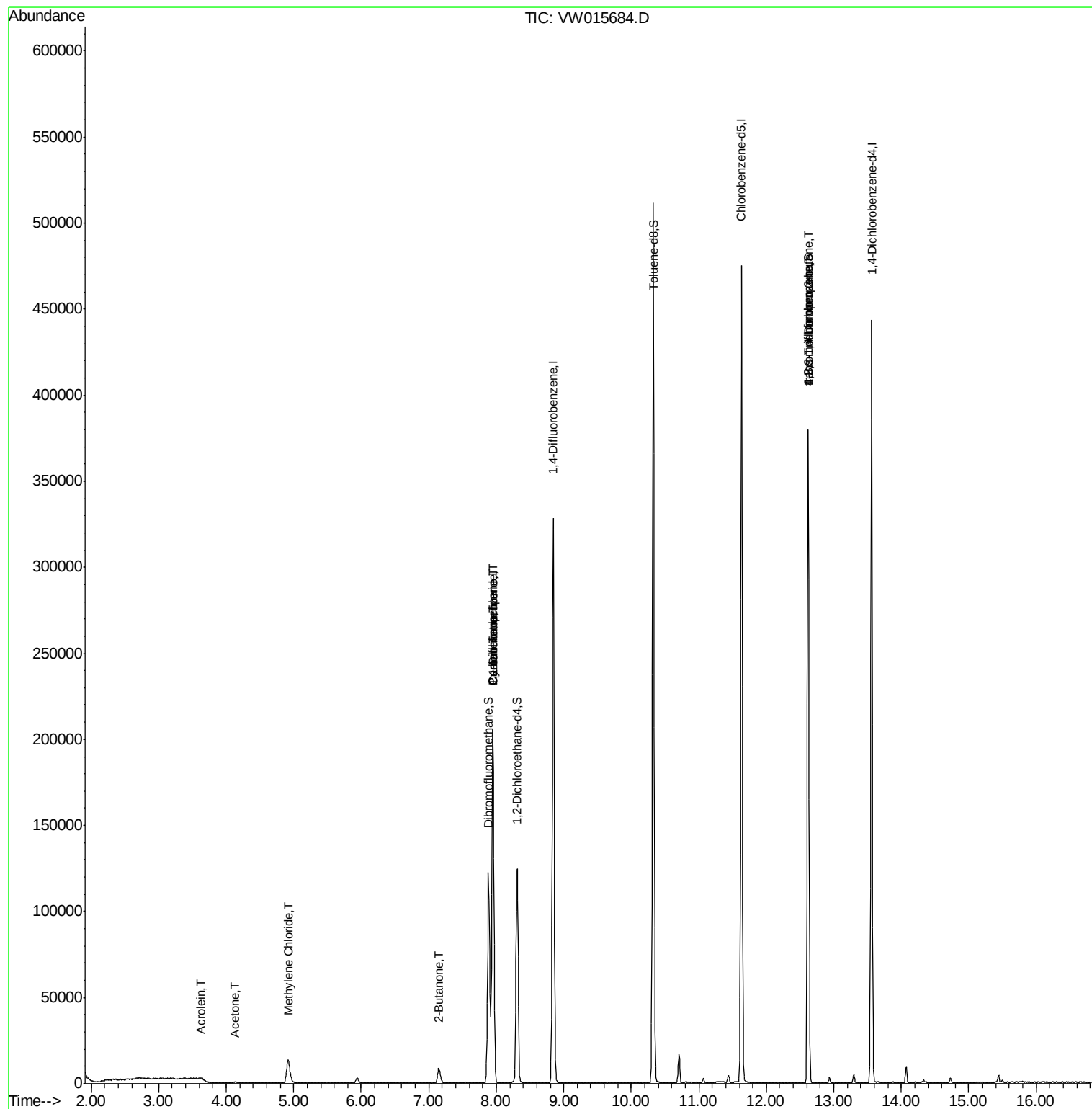
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	193	Below Cal	#	72
13) Acrolein	3.63	56	137	1.197	ug/l #	50
16) Acetone	4.13	43	1131	3.610	ug/l #	78
18) Methyl Acetate	4.48	43	19	Below Cal	#	52
20) Methylene Chloride	4.92	84	11343	3.164	ug/l	98
25) 2-Butanone	7.15	43	638	1.507	ug/l #	49
31) Cyclohexane	7.95	56	3828	1.348	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	12646	4.535	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15344	5.676	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	62490	61.850	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	62490	155.863	ug/l #	8

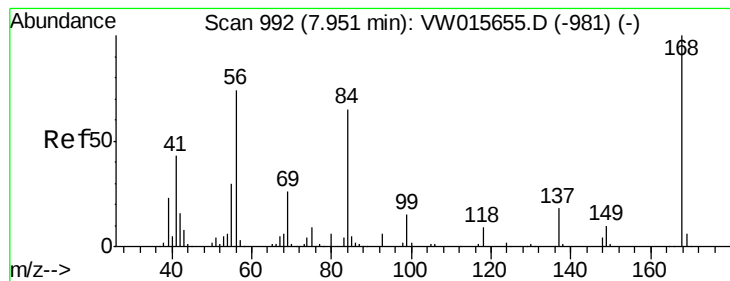
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015684.D

Acq: 24 Jun 2020 15:47

Instrument :

MSVOA_W

ClientSampleId :

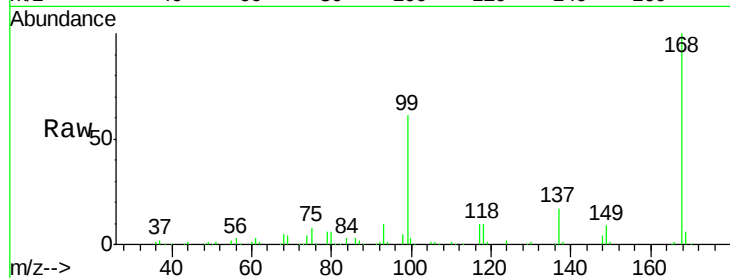
SB-8

Tgt Ion:168 Resp: 148116

Ion Ratio Lower Upper

168 100

99 61.4 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

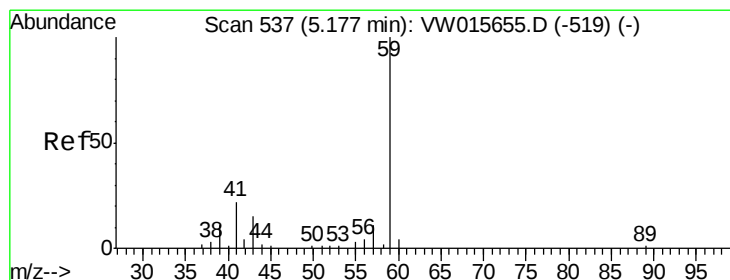
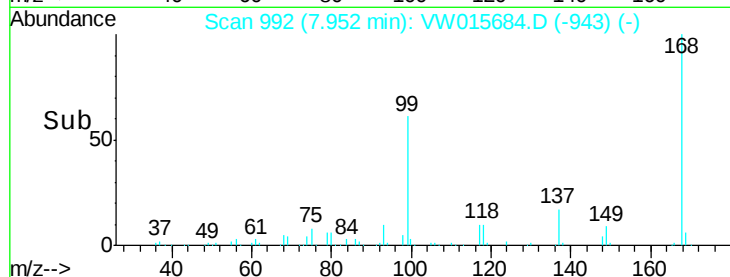
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW015684.D

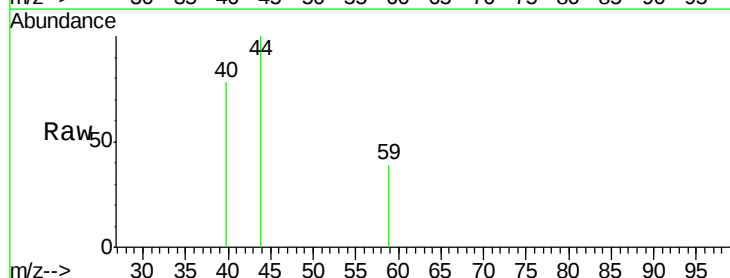
Acq: 24 Jun 2020 15:47

Tgt Ion: 59 Resp: 193

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

120

100

80

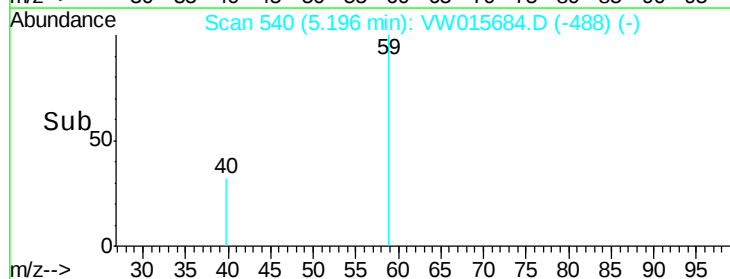
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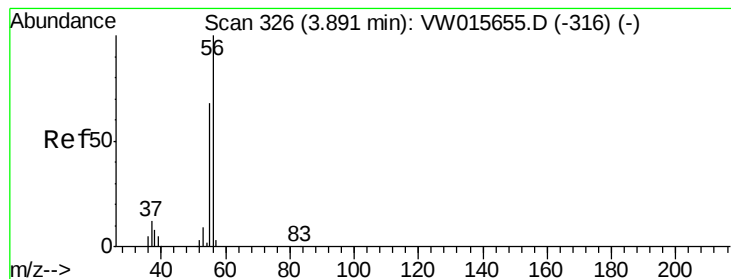
40

20

0

Time-->





#13

Acrolein

Concen: 1.197 ug/l

RT: 3.63 min Scan# 283

Delta R.T. -0.26 min

Lab File: VW015684.D

Acq: 24 Jun 2020 15:47

Instrument :

MSVOA_W

ClientSampled :

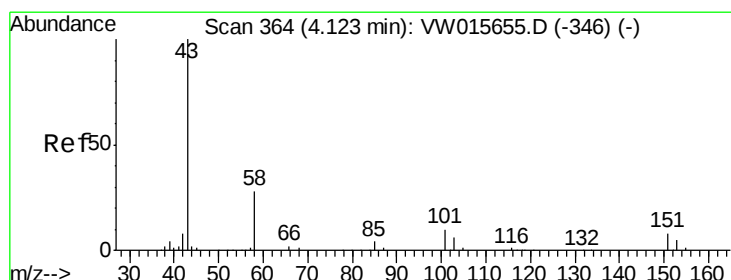
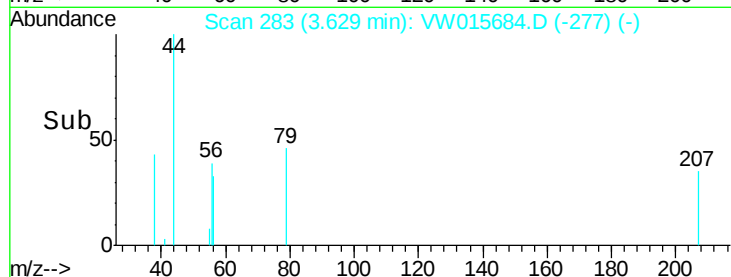
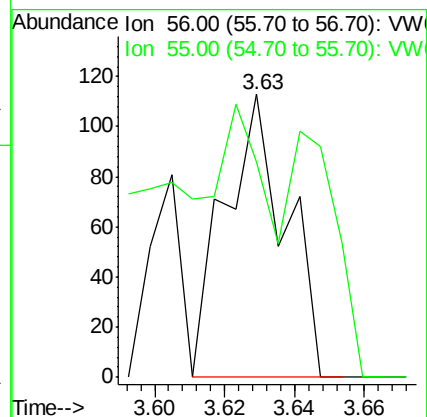
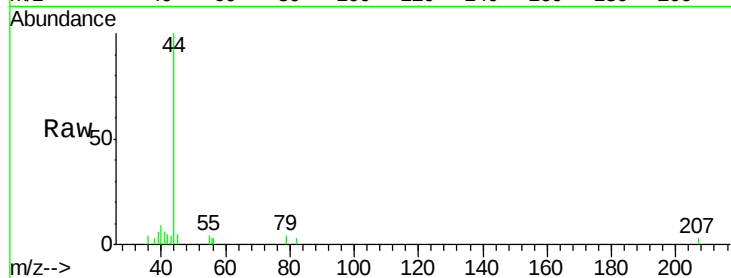
SB-8

Tgt Ion: 56 Resp: 137

Ion Ratio Lower Upper

56 100

55 29.2 56.2 84.2#



#16

Acetone

Concen: 3.610 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015684.D

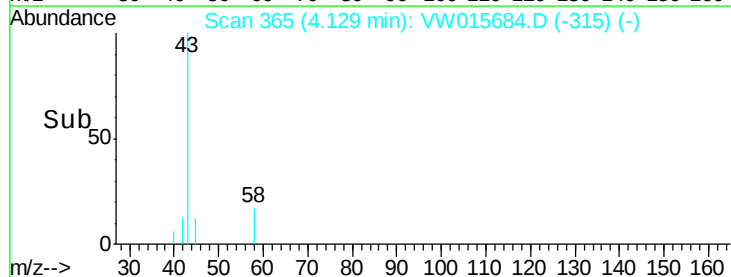
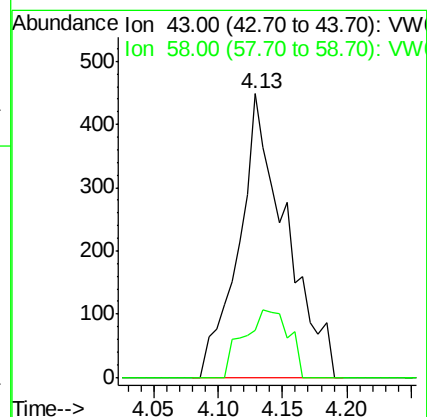
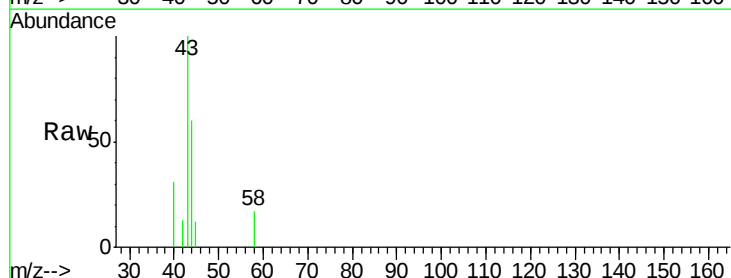
Acq: 24 Jun 2020 15:47

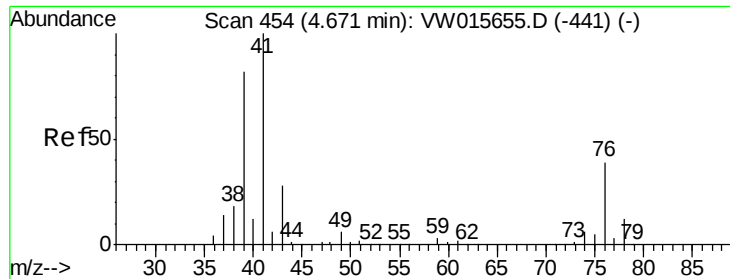
Tgt Ion: 43 Resp: 1131

Ion Ratio Lower Upper

43 100

58 16.5 22.6 33.8#

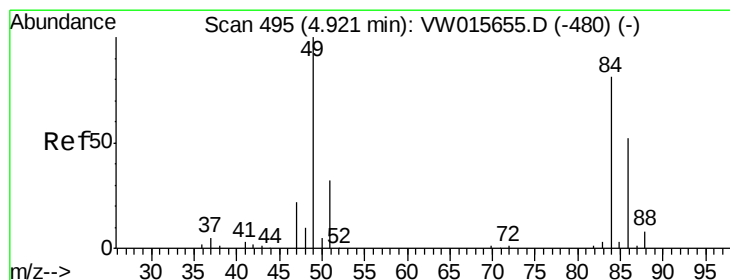
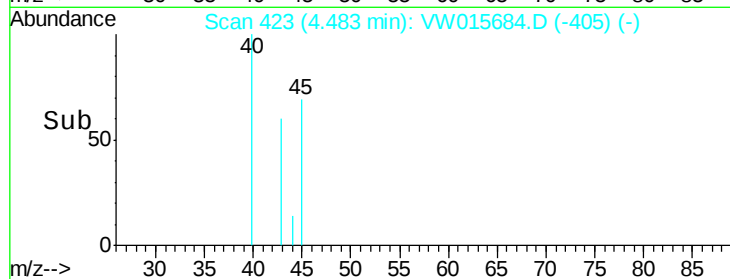
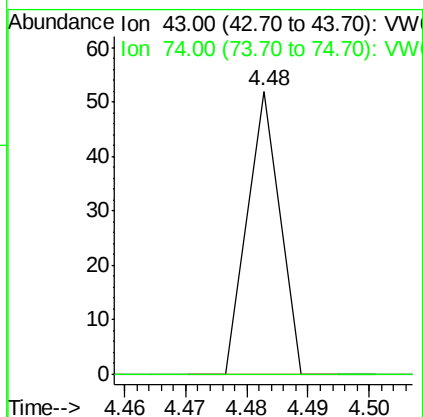
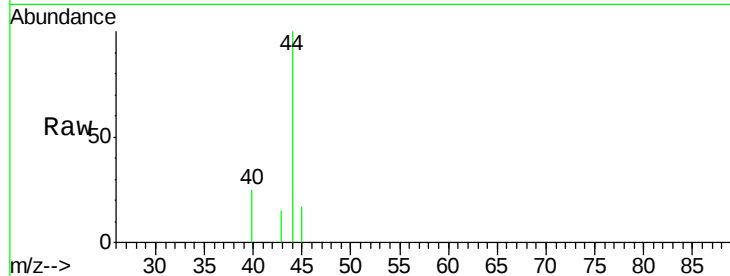




#18
Methyl Acetate
Concen: Below Cal
RT: 4.48 min Scan# 423
Delta R.T. -0.19 min
Lab File: VW015684.D
Acq: 24 Jun 2020 15:47

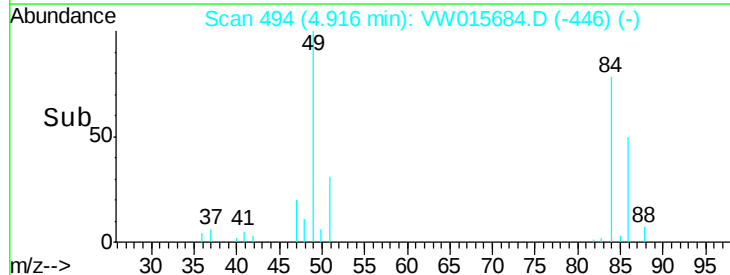
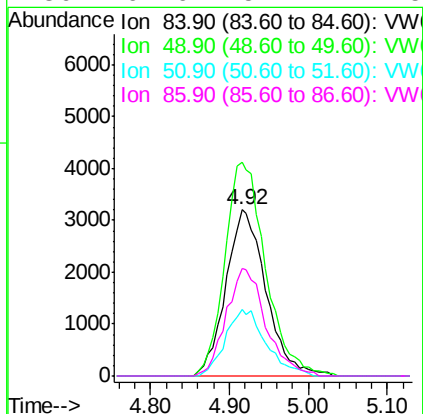
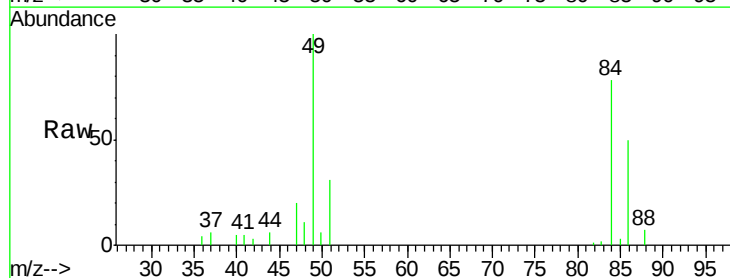
Instrument :
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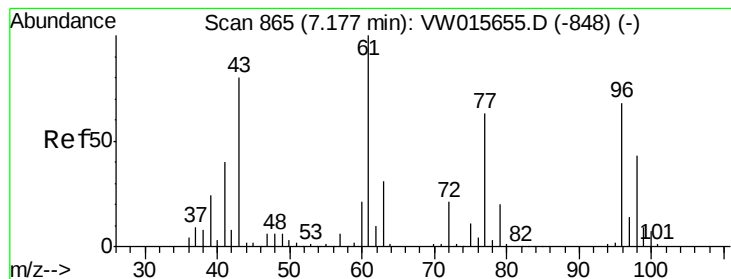
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 3.164 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015684.D
Acq: 24 Jun 2020 15:47

Tgt Ion: 84 Resp: 11343
Ion Ratio Lower Upper
84 100
49 128.7 99.3 148.9
51 39.8 31.8 47.6
86 64.6 51.7 77.5





#25

2-Butanone

Concen: 1.507 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW015684.D

Acq: 24 Jun 2020 15:47

Instrument :

MSVOA_W

ClientSampleId :

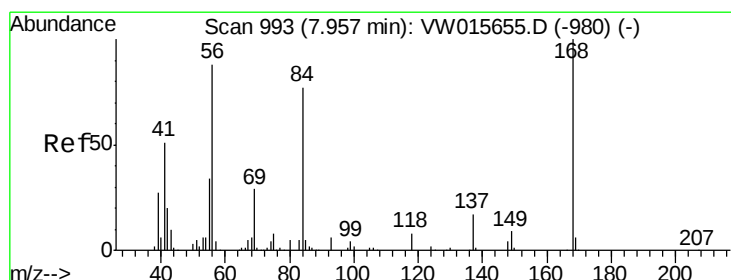
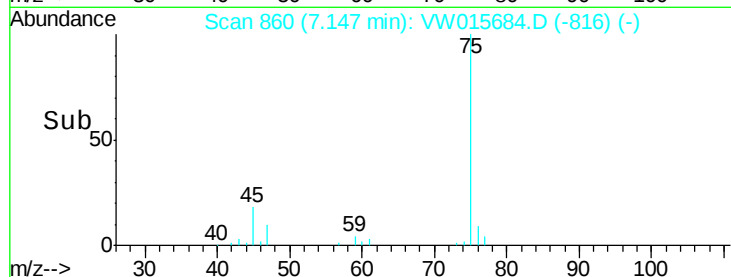
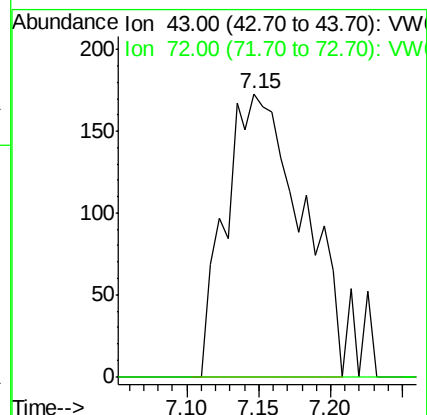
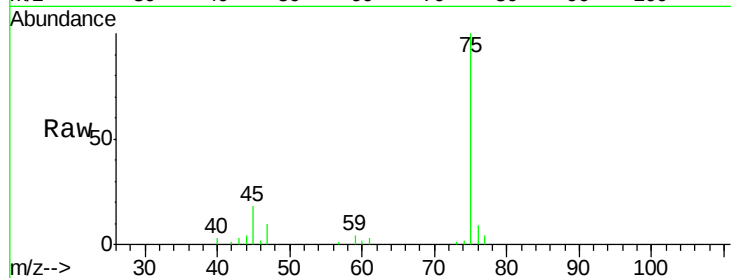
SB-8

Tgt Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 1.348 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015684.D

Acq: 24 Jun 2020 15:47

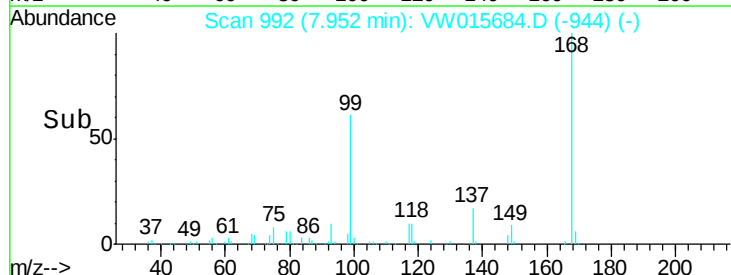
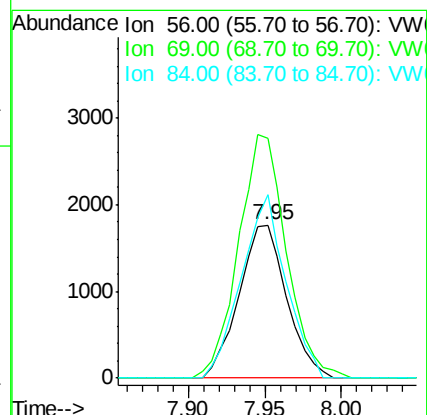
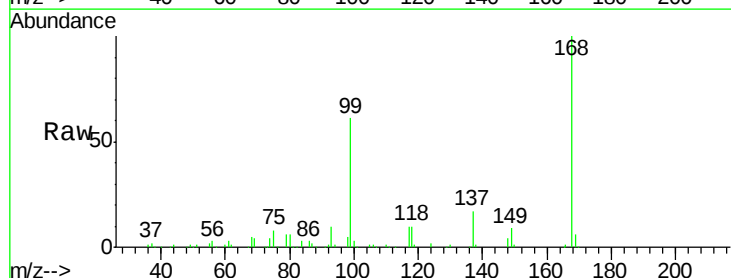
Tgt Ion: 56 Resp: 3828

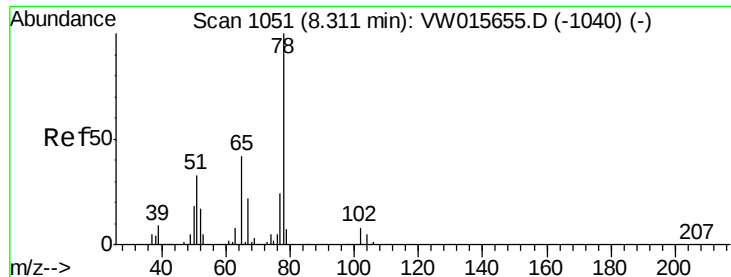
Ion Ratio Lower Upper

56 100

69 156.2 26.2 39.4#

84 120.0 70.4 105.6#

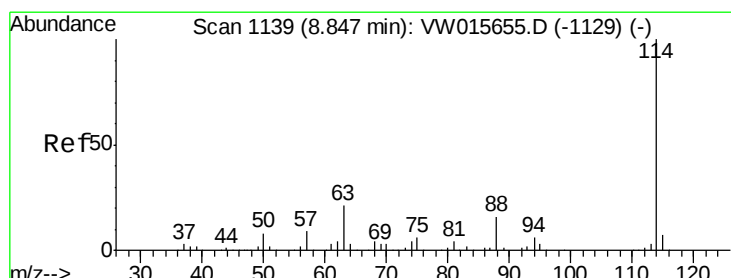
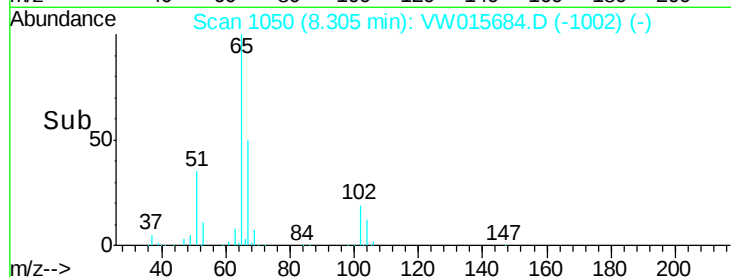
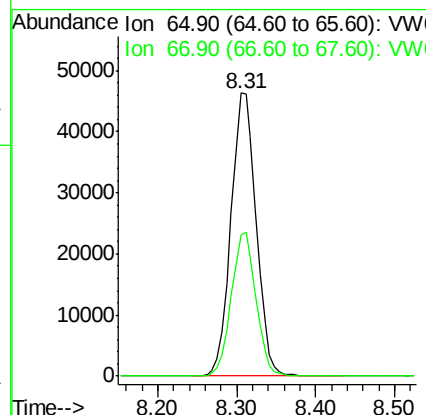
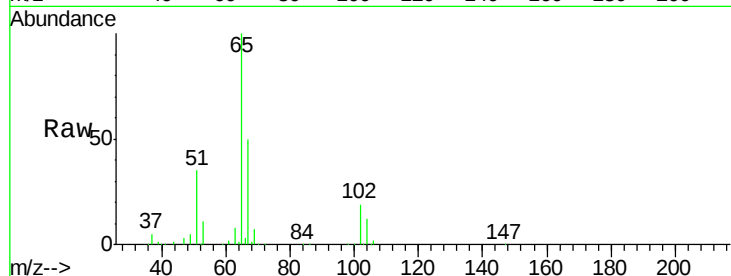




#33
 1,2-Dichloroethane-d4
 Concen: 62.414 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015684.D
 Acq: 24 Jun 2020 15:47

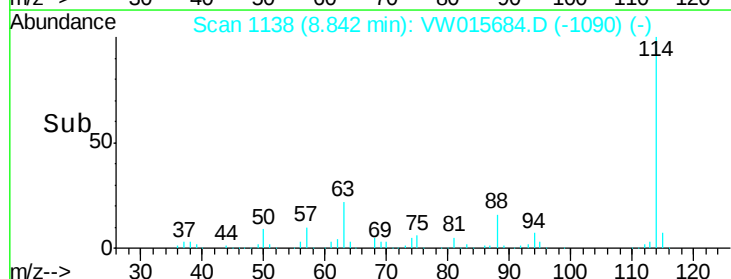
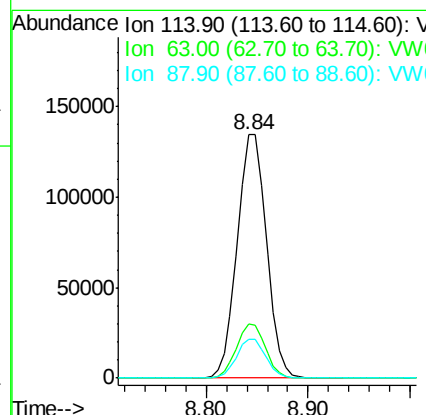
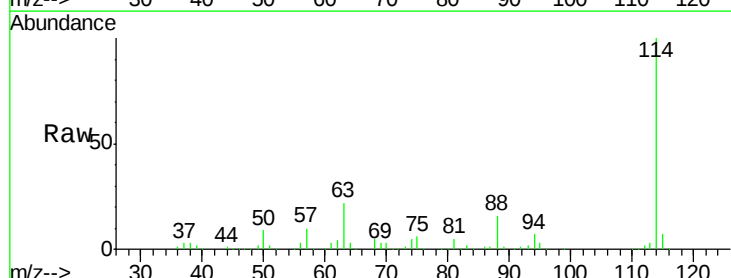
Instrument :
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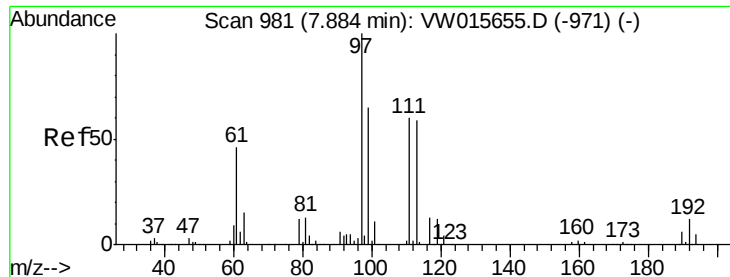
Tgt Ion: 65 Resp: 102858
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015684.D
 Acq: 24 Jun 2020 15:47

Tgt Ion: 114 Resp: 268109
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.4
 88 15.8 0.0 32.6

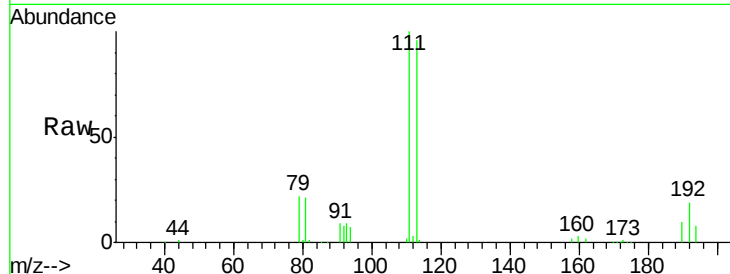




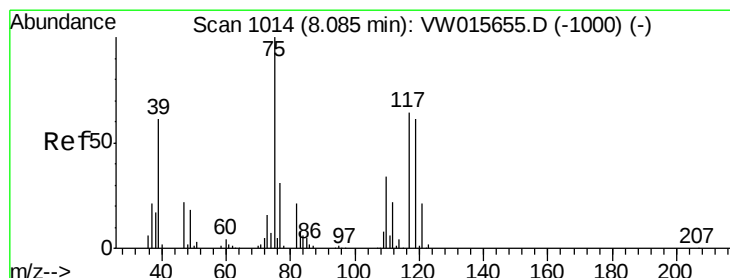
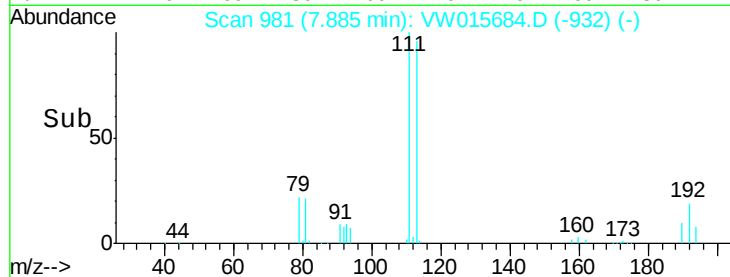
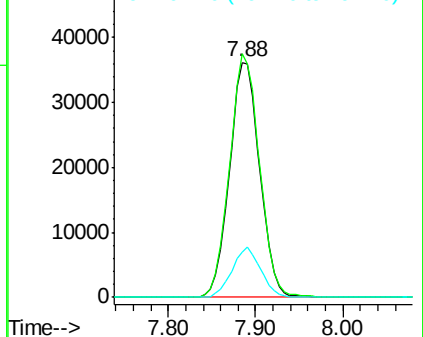
#35
 Dibromofluoromethane
 Concen: 51.475 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015684.D
 Acq: 24 Jun 2020 15:47

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:113 Resp: 86812
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.3 123.5
 192 20.1 16.4 24.6

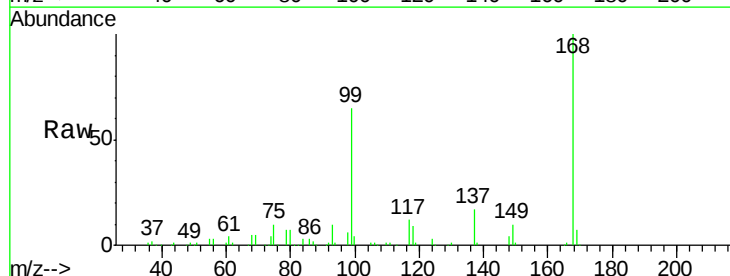


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

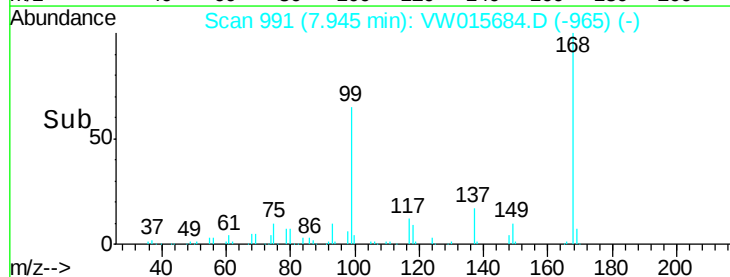
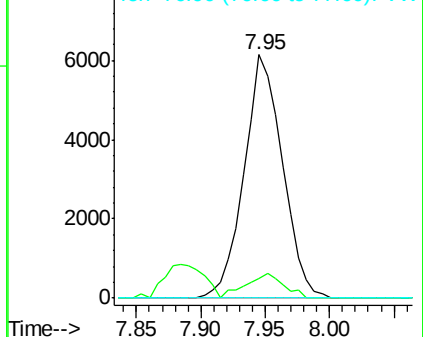


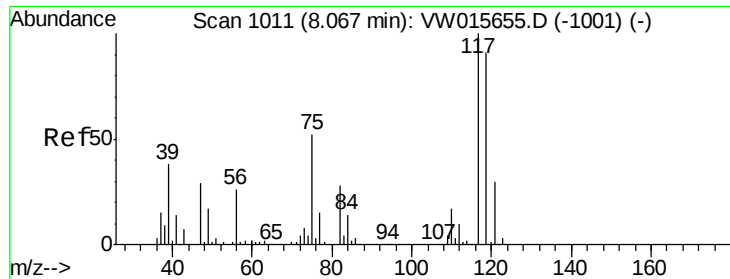
#36
 1,1-Dichloropropene
 Concen: 4.535 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015684.D
 Acq: 24 Jun 2020 15:47

Tgt Ion: 75 Resp: 12646
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.0 51.0#
 77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

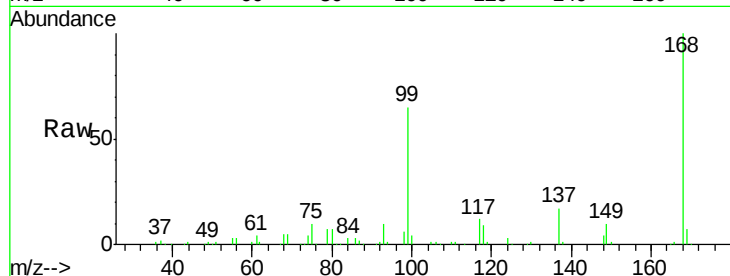




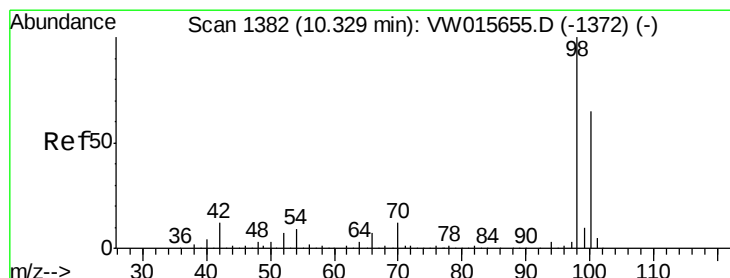
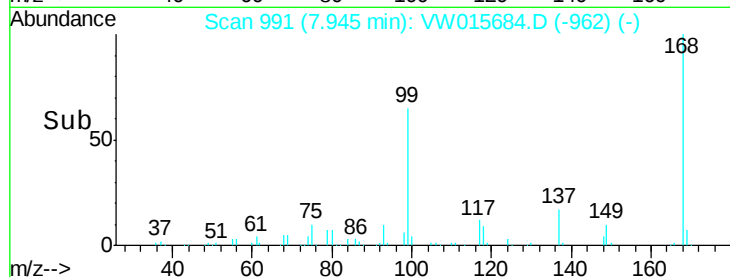
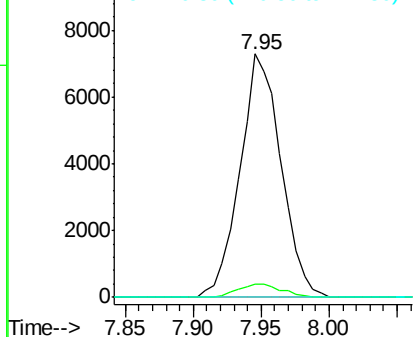
#38
Carbon Tetrachloride
Concen: 5.676 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW015684.D
Acq: 24 Jun 2020 15:47

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ClientSampled :
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Tgt Ion: 117 Resp: 15344
Ion Ratio Lower Upper
117 100
119 5.4 73.2 109.8#
121 0.0 23.9 35.9#

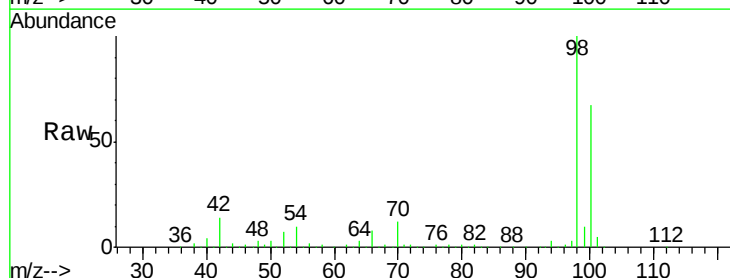


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

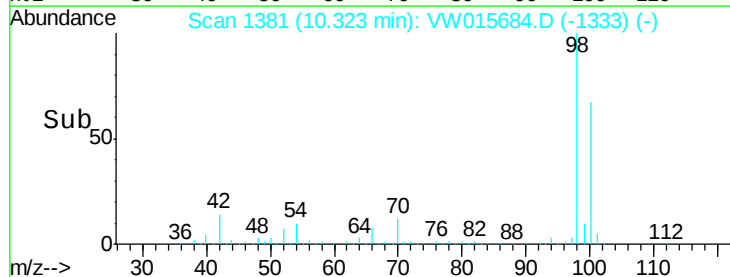
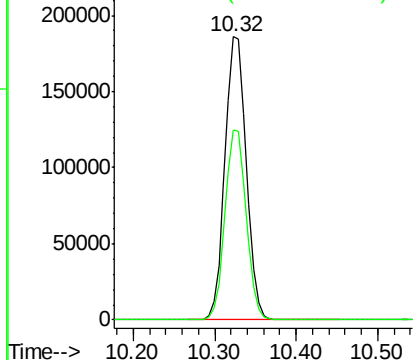


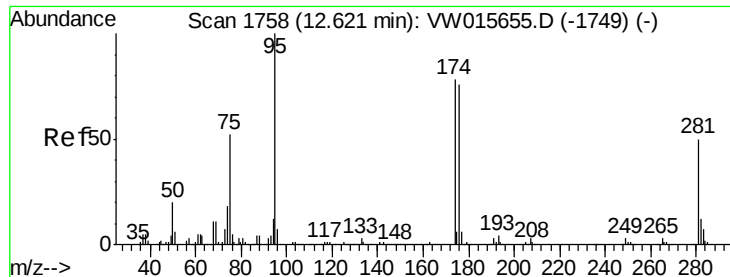
#50
Toluene-d8
Concen: 50.413 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015684.D
Acq: 24 Jun 2020 15:47

Tgt Ion: 98 Resp: 334587
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2



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





#62

4-Bromofluorobenzene

Concen: 46.496 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015684.D

Acq: 24 Jun 2020 15:47

Instrument :

MSVOA_W

ClientSampleId :

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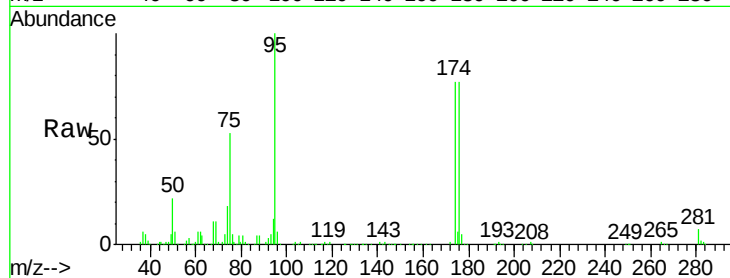
Tgt Ion: 95 Resp: 113646

Ion Ratio Lower Upper

95 100

174 76.9 0.0 157.0

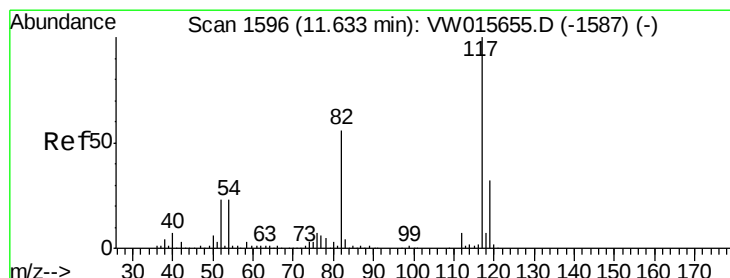
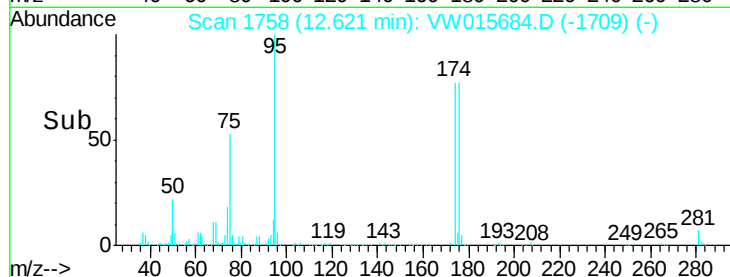
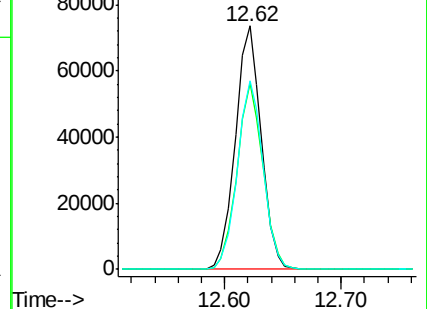
176 77.1 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015684.D

Acq: 24 Jun 2020 15:47

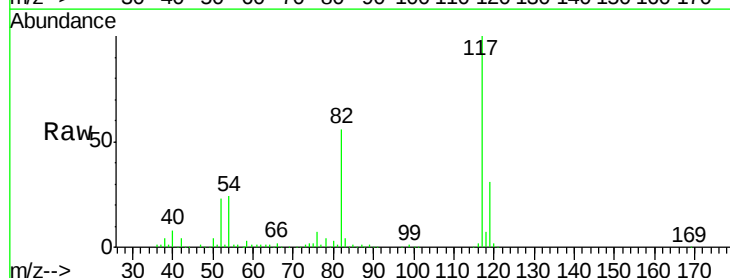
Tgt Ion: 117 Resp: 248743

Ion Ratio Lower Upper

117 100

82 55.5 45.1 67.7

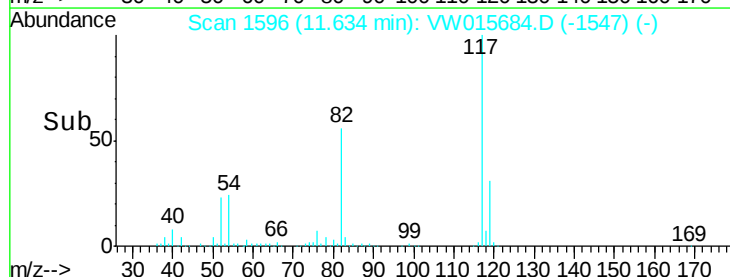
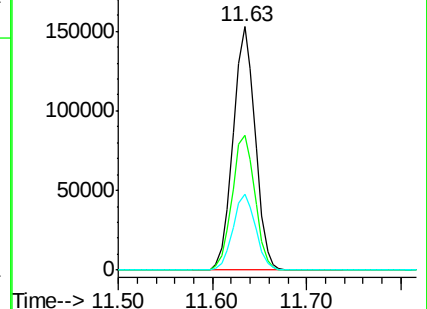
119 31.0 25.8 38.8

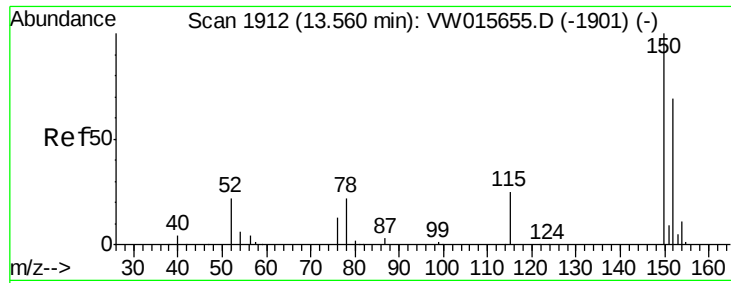


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015684.D

Acq: 24 Jun 2020 15:47

Instrument :

MSVOA_W

ClientSampleId :

SB-8

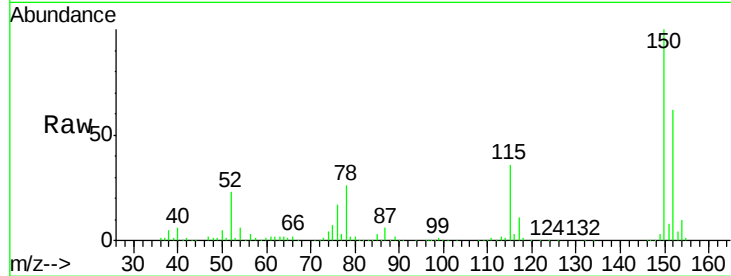
Tgt Ion:152 Resp: 110766

Ion Ratio Lower Upper

152 100

115 59.7 30.1 90.5

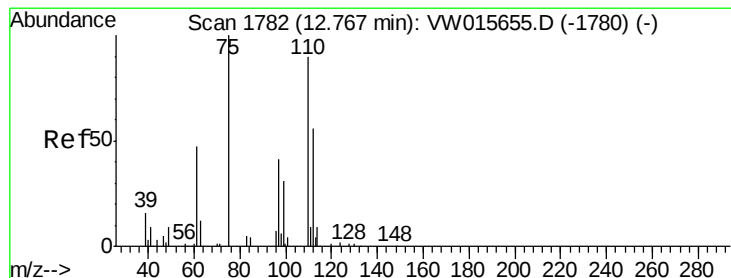
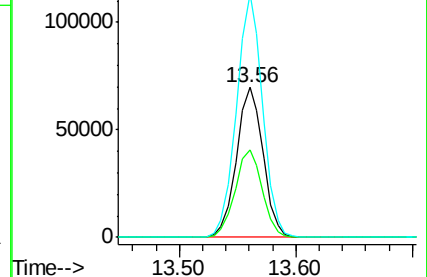
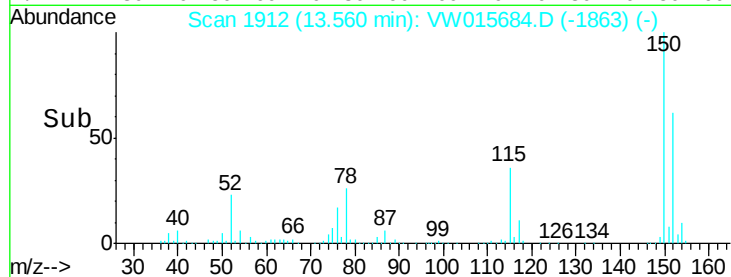
150 158.9 0.0 345.6



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: 61.850 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015684.D

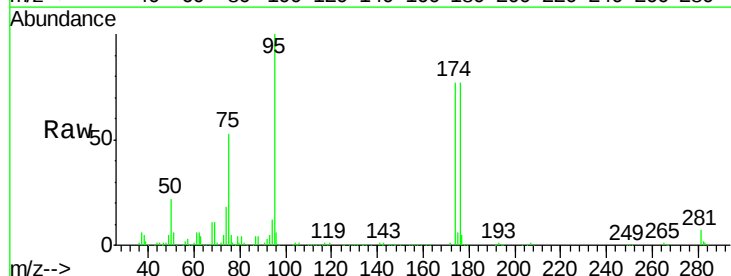
Acq: 24 Jun 2020 15:47

Tgt Ion: 75 Resp: 62490

Ion Ratio Lower Upper

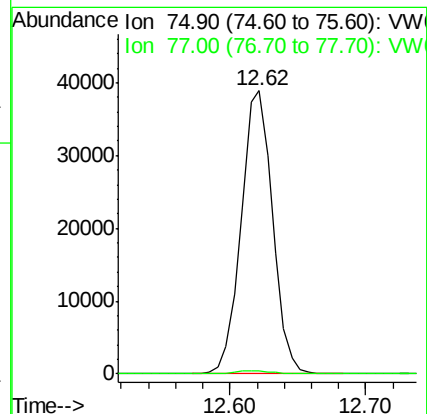
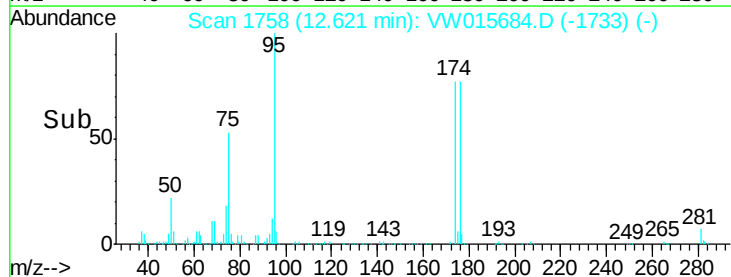
75 100

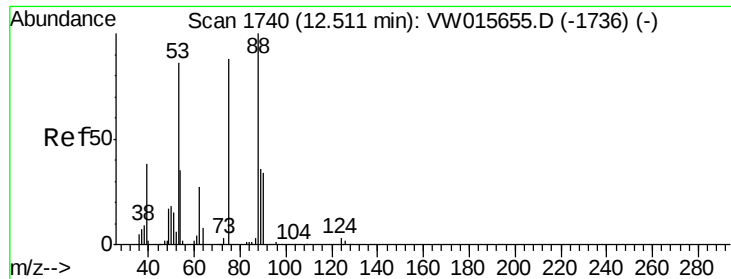
77 1.2 179.1 537.1#



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: 155.863 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015684.D

Acq: 24 Jun 2020 15:47

Instrument :

MSVOA_W

ClientSampleId :

SB-8

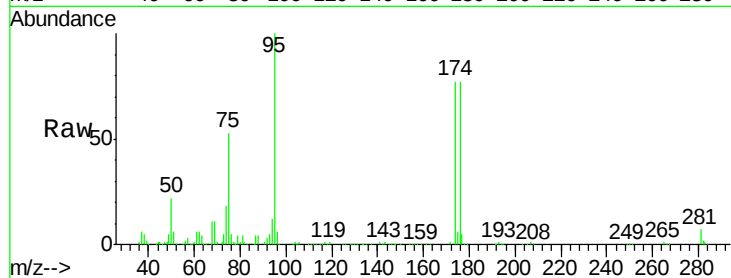
Tgt Ion: 75 Resp: 62490

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

