

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015686.D
 Acq On : 24 Jun 2020 16:39
 Operator : SY/VA
 Sample : L3082-14RE
 Misc : 4.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15

Quant Time: Jun 25 02:04:49 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	153442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	280671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120013	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	107360	62.88	ug/l	0.00
Spiked Amount			Recovery	=	125.76%	
35) Dibromofluoromethane	7.88	113	92353	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
50) Toluene-d8	10.32	98	353006	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	122349	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	

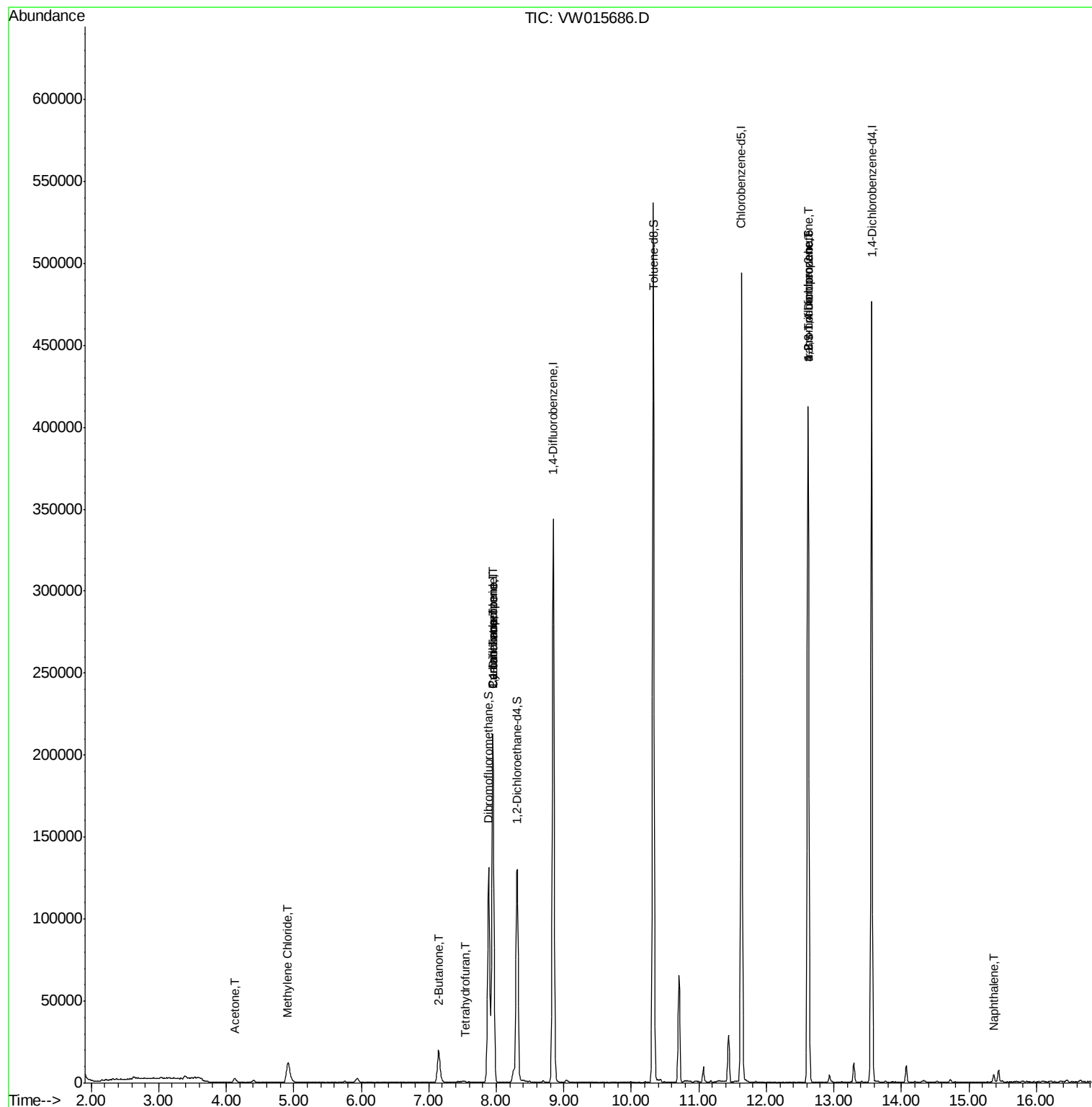
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	59	Below Cal	#	72
16) Acetone	4.13	43	4654	14.340	ug/l	96
18) Methyl Acetate	4.68	43	21	Below Cal	#	52
20) Methylene Chloride	4.91	84	10430	2.245	ug/l	94
25) 2-Butanone	7.15	43	1312	2.991	ug/l	92
29) Tetrahydrofuran	7.55	42	298	1.156	ug/l #	33
31) Cyclohexane	7.95	56	3851	1.309	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13134	4.499	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16166	5.713	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	65875	60.176	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	65875	151.646	ug/l #	8
95) Naphthalene	15.37	128	3870	1.011	ug/l	100

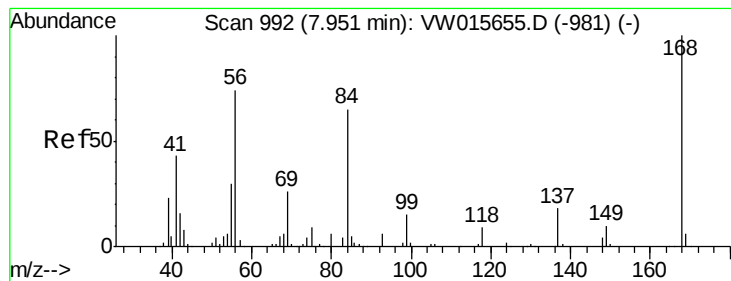
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
Data File : VW015686.D
Acq On : 24 Jun 2020 16:39
Operator : SY/VA
Sample : L3082-14RE
Misc : 4.99G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-15

Quant Time: Jun 25 02:04:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
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: VW015686.D

Acq: 24 Jun 2020 16:39

Instrument :

MSVOA_W

ClientSampled :

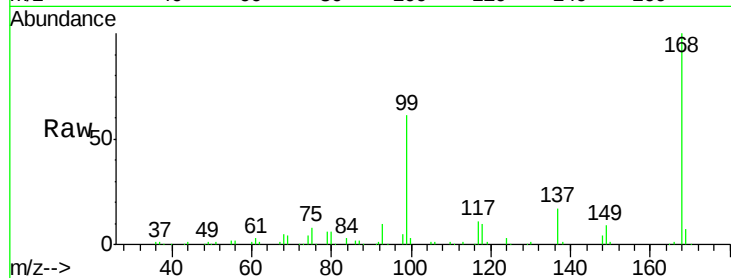
SB-15

Tgt Ion:168 Resp: 153442

Ion Ratio Lower Upper

168 100

99 60.9 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

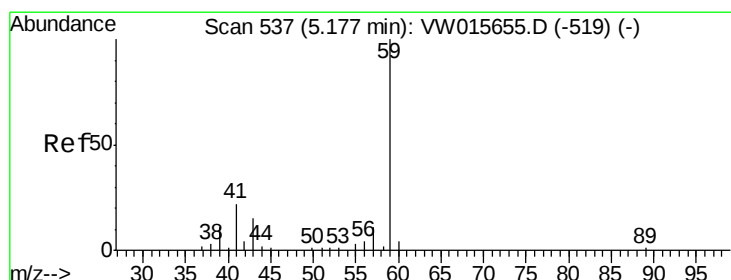
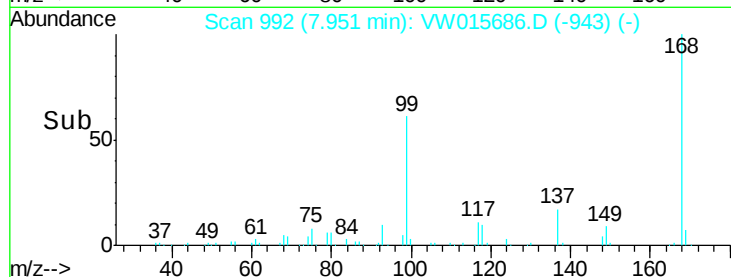
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 536

Delta R.T. -0.01 min

Lab File: VW015686.D

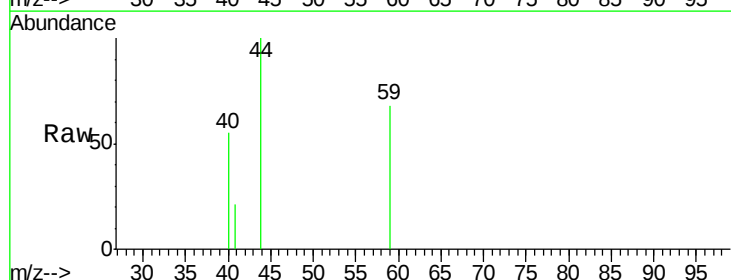
Acq: 24 Jun 2020 16:39

Tgt Ion: 59 Resp: 59

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

5.17

200

150

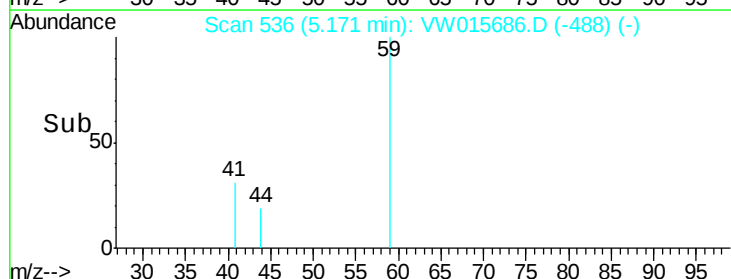
100

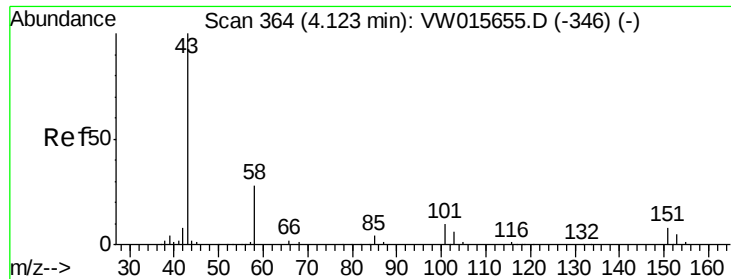
50

0

5.15 5.16 5.17 5.18 5.19

Time-->





#16

Acetone

Concen: 14.340 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015686.D

Acq: 24 Jun 2020 16:39

Instrument :

MSVOA_W

ClientSampleId :

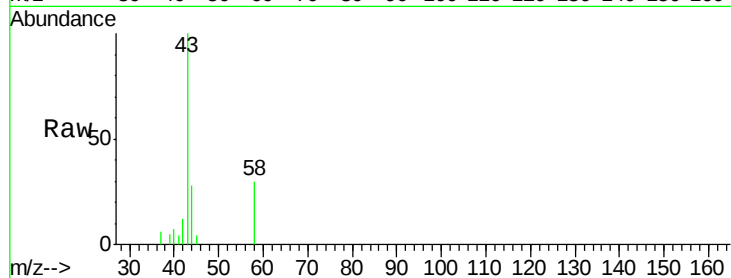
SB-15

Tgt Ion: 43 Resp: 4654

Ion Ratio Lower Upper

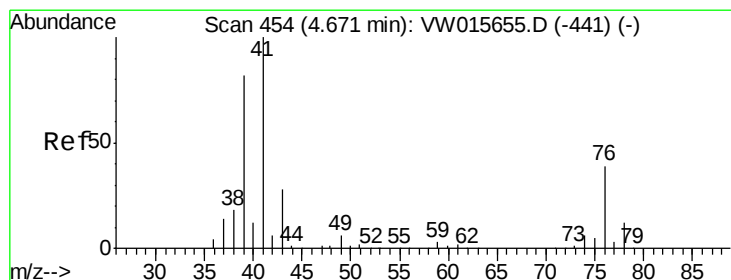
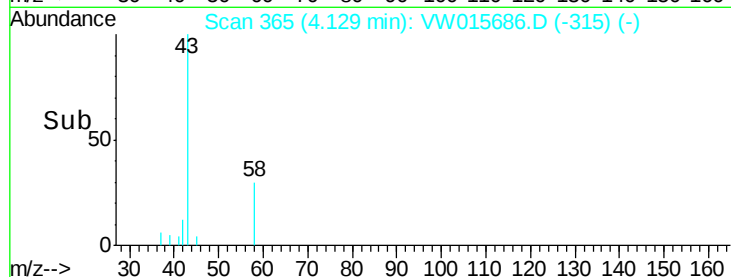
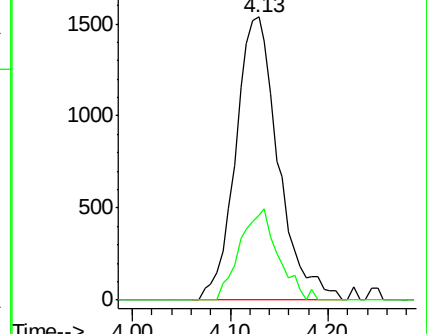
43 100

58 30.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: Below Cal

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW015686.D

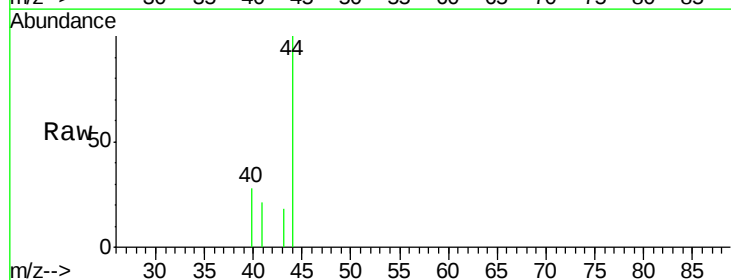
Acq: 24 Jun 2020 16:39

Tgt Ion: 43 Resp: 21

Ion Ratio Lower Upper

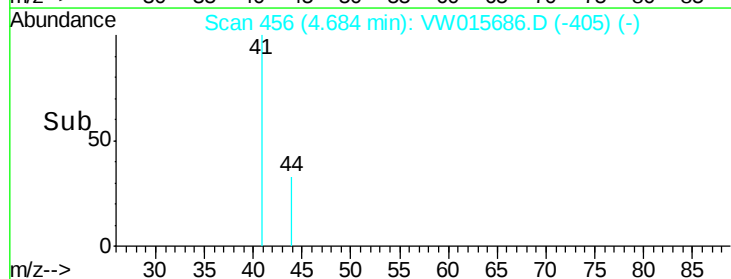
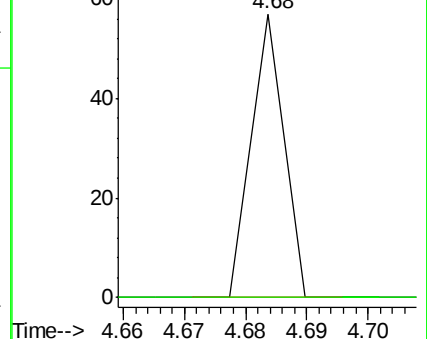
43 100

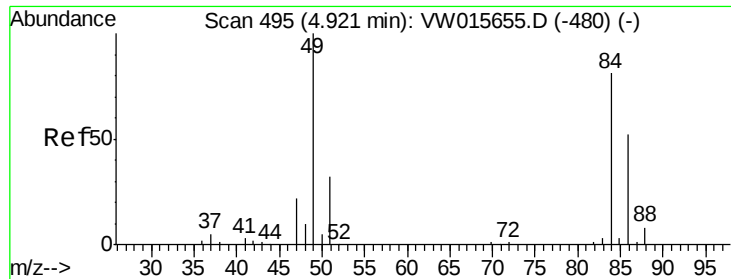
74 0.0 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

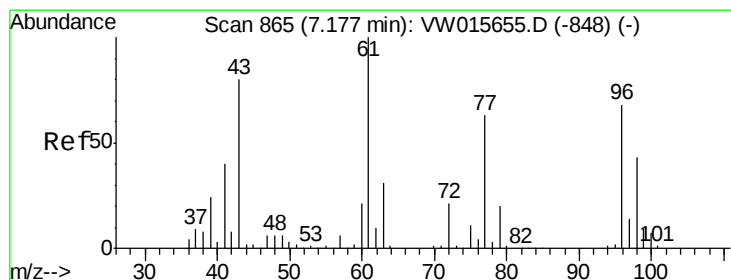
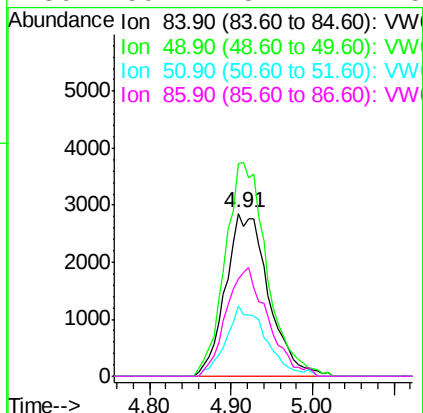
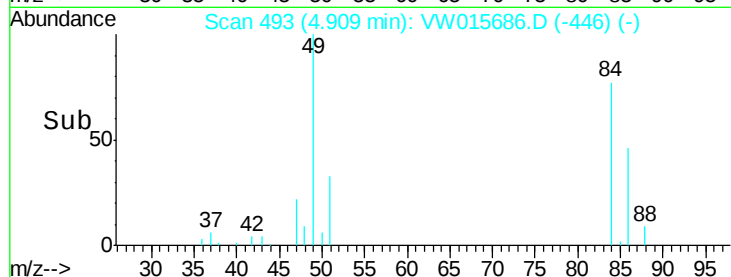
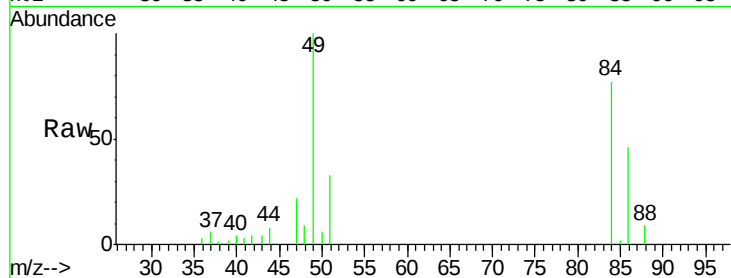




#20
Methylene Chloride
Concen: 2.245 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015686.D
Acq: 24 Jun 2020 16:39

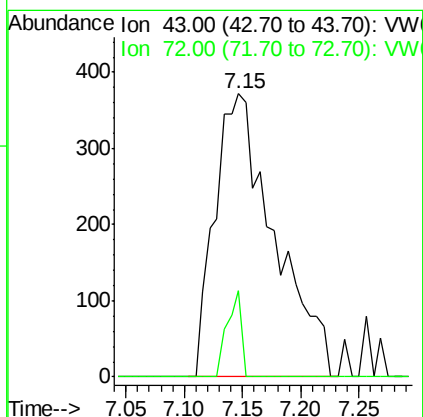
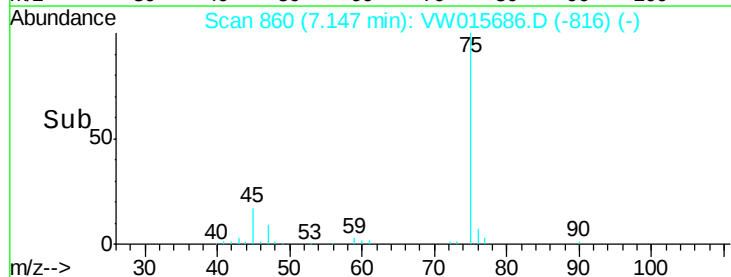
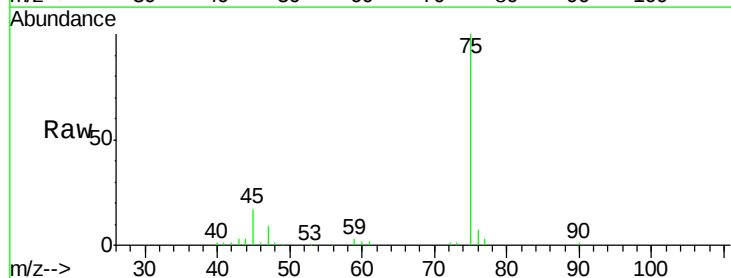
Instrument :
MSVOA_W
ClientSampleId :
SB-15

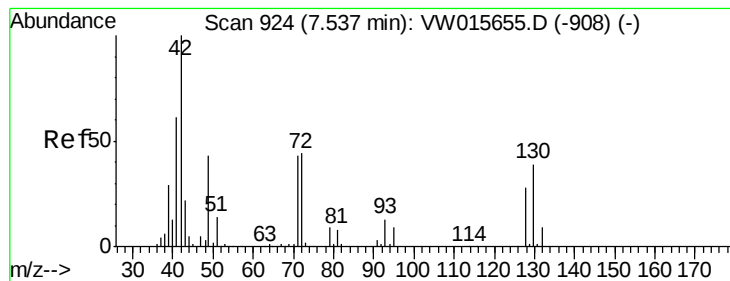
Tgt Ion:	84	Resp:	10430
Ion	Ratio	Lower	Upper
84	100		
49	130.5	99.3	148.9
51	43.2	31.8	47.6
86	59.7	51.7	77.5



#25
2-Butanone
Concen: 2.991 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW015686.D
Acq: 24 Jun 2020 16:39

Tgt Ion:	43	Resp:	1312
Ion	Ratio	Lower	Upper
43	100		
72	30.4	21.1	31.7





#29

Tetrahydrofuran

Concen: 1.156 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW015686.D

Acq: 24 Jun 2020 16:39

Instrument :

MSVOA_W

ClientSampleId :

SB-15

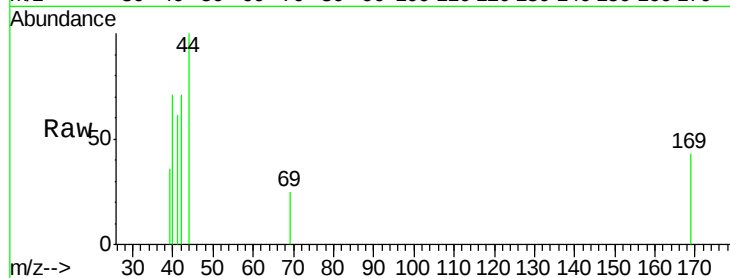
Tgt Ion: 42 Resp: 298

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.6#

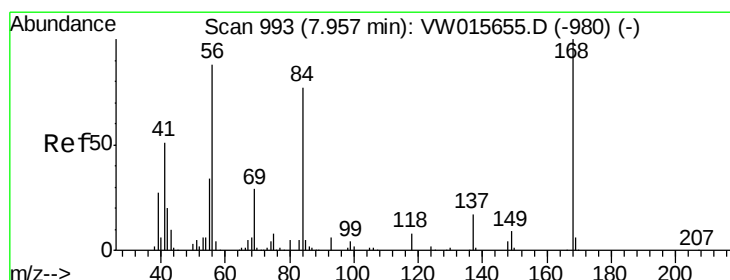
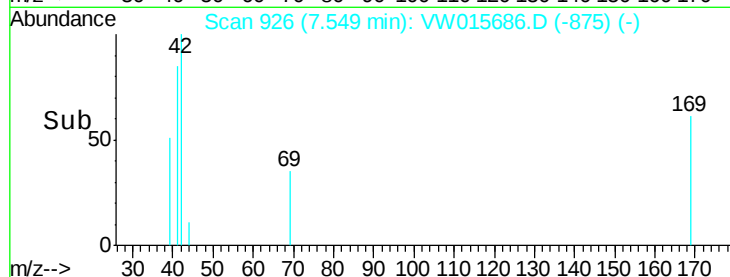
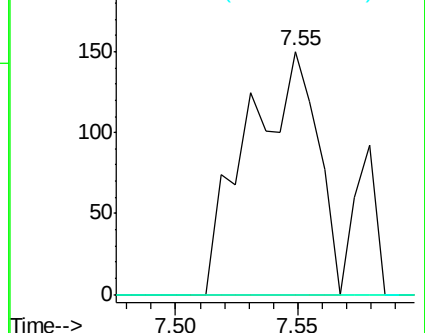
71 0.0 32.6 49.0#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.309 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015686.D

Acq: 24 Jun 2020 16:39

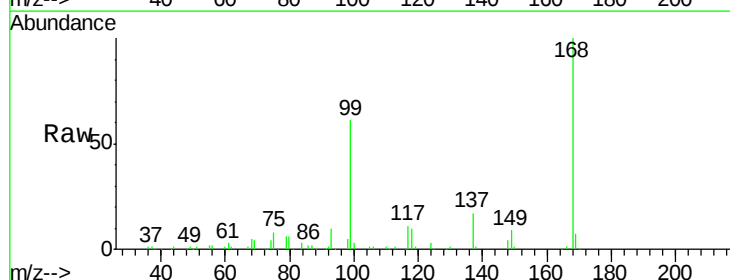
Tgt Ion: 56 Resp: 3851

Ion Ratio Lower Upper

56 100

69 187.1 26.2 39.4#

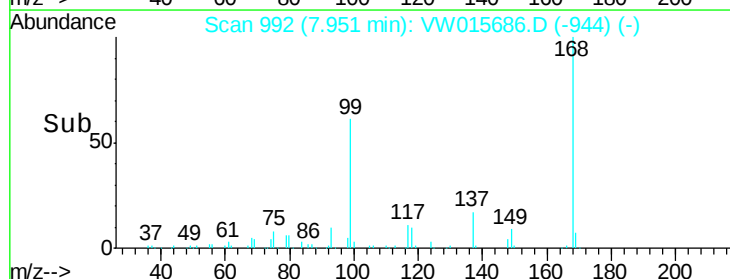
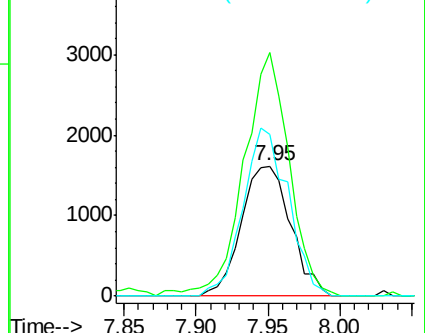
84 124.3 70.4 105.6#

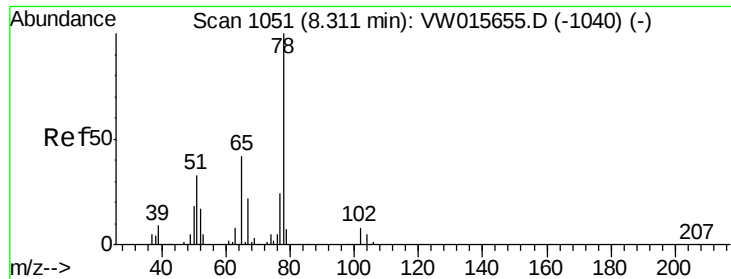


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

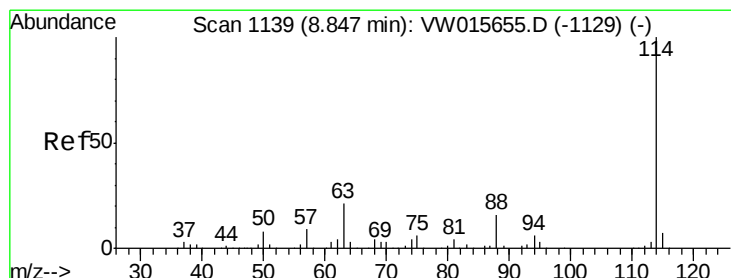
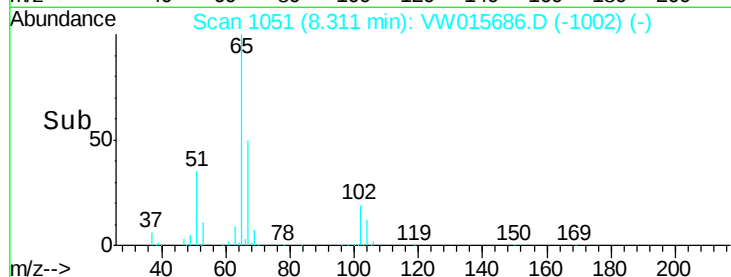
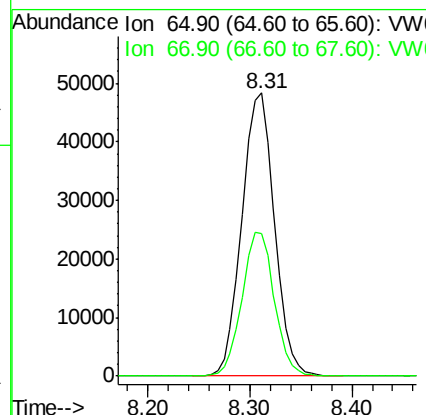
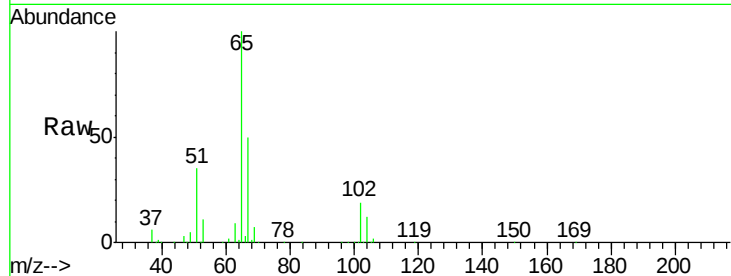




#33
 1,2-Dichloroethane-d4
 Concen: 62.885 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015686.D
 Acq: 24 Jun 2020 16:39

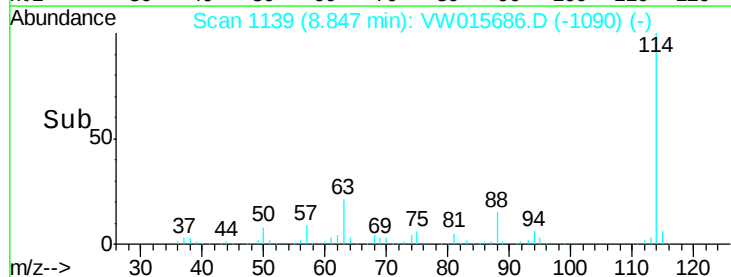
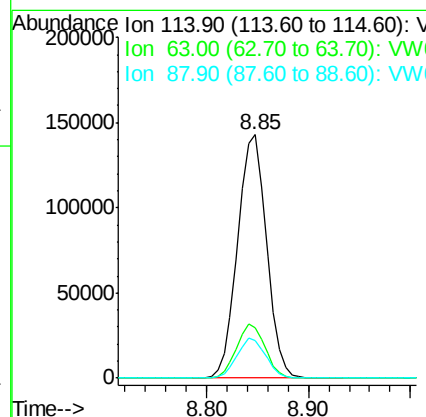
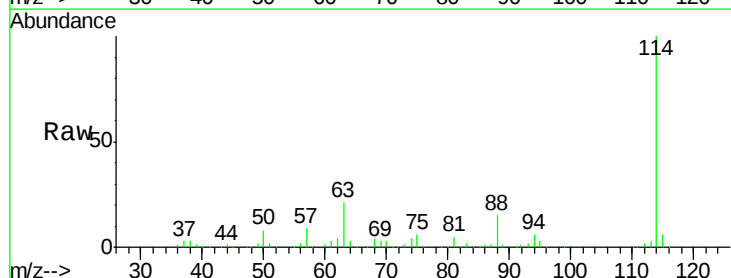
Instrument :
 MSVOA_W
 ClientSampled :
 SB-15

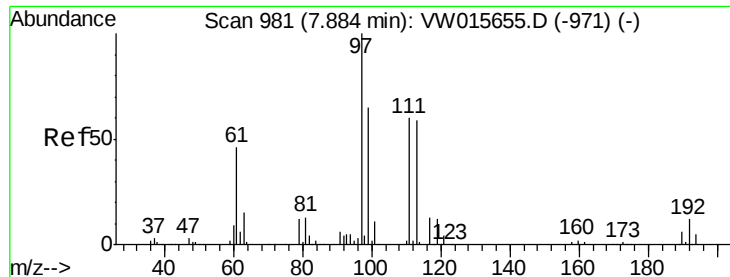
Tgt Ion: 65 Resp: 107360
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015686.D
 Acq: 24 Jun 2020 16:39

Tgt Ion: 114 Resp: 280671
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.3 0.0 32.6

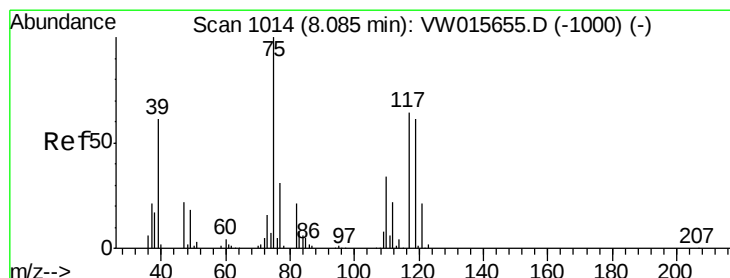
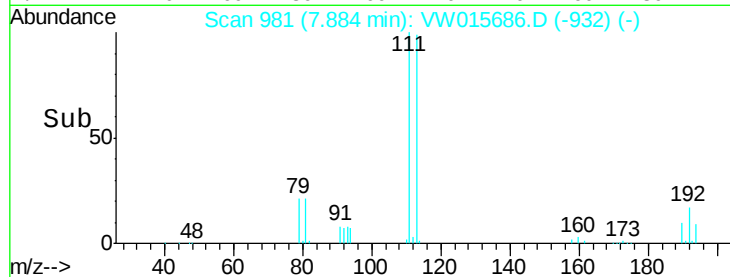
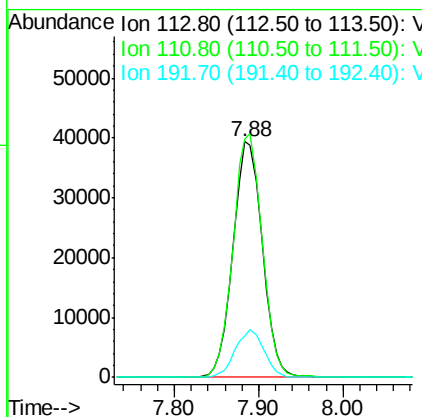
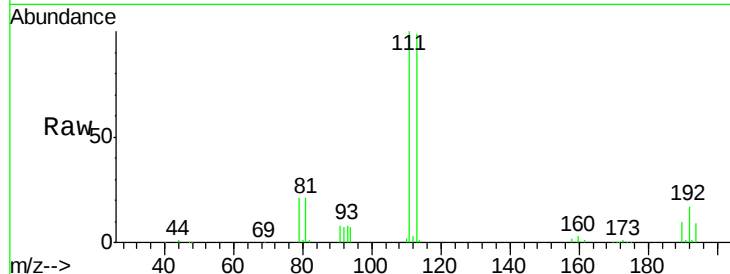




#35
 Dibromofluoromethane
 Concen: 52.310 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015686.D
 Acq: 24 Jun 2020 16:39

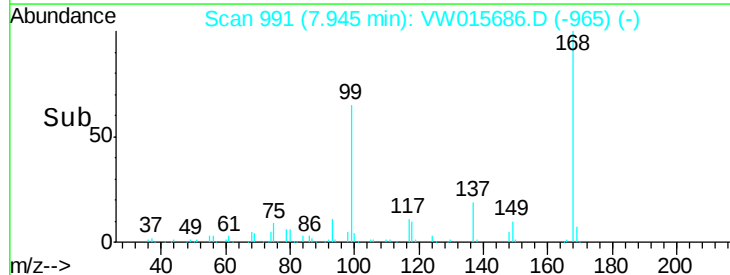
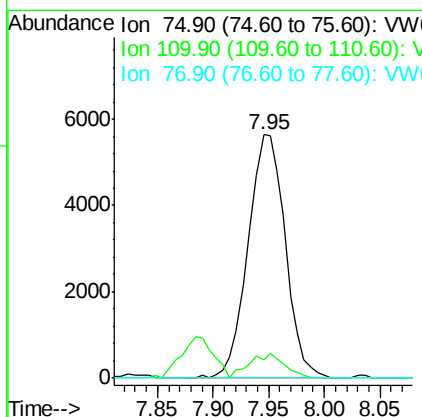
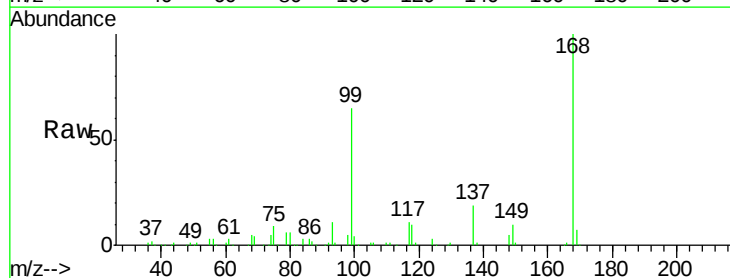
Instrument :
 MSVOA_W
 ClientSampled :
 SB-15

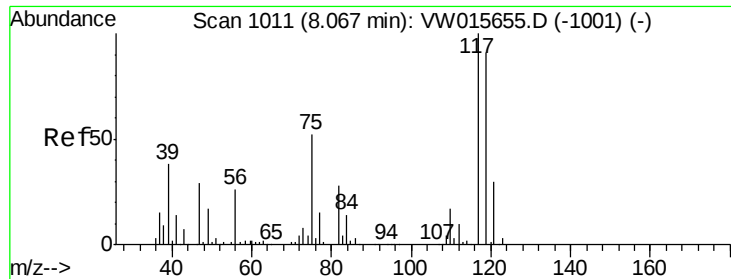
Tgt Ion:113 Resp: 92353
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.3 123.5
 192 19.8 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.499 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015686.D
 Acq: 24 Jun 2020 16:39

Tgt Ion: 75 Resp: 13134
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.0 51.0#
 77 0.0 24.6 36.8#

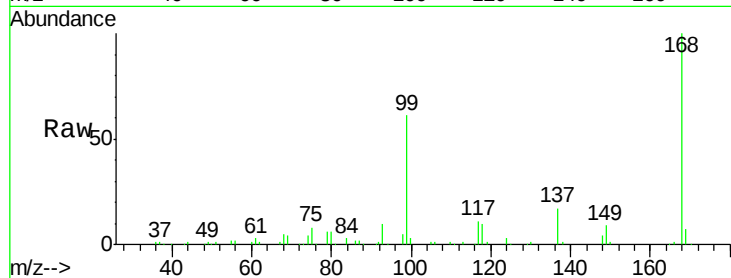




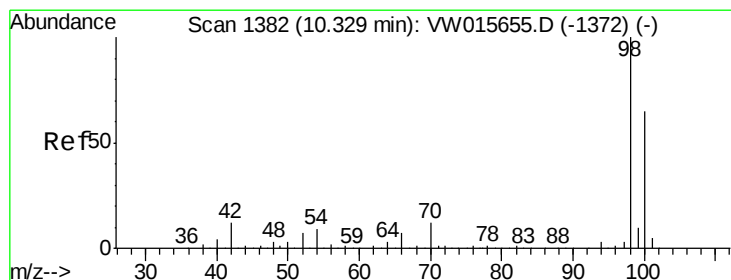
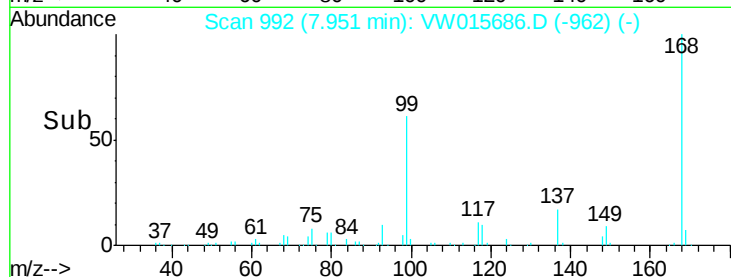
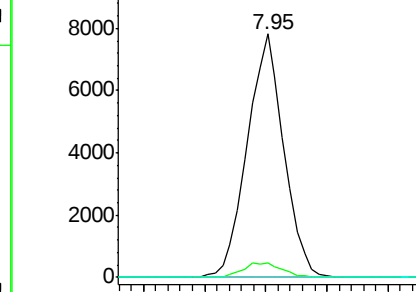
#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015686.D
Acq: 24 Jun 2020 16:39

Instrument :
MSVOA_W
ClientSampled :
SB-15

Tgt Ion: 117 Resp: 16166
Ion Ratio Lower Upper
117 100
119 5.9 73.2 109.8#
121 0.0 23.9 35.9#

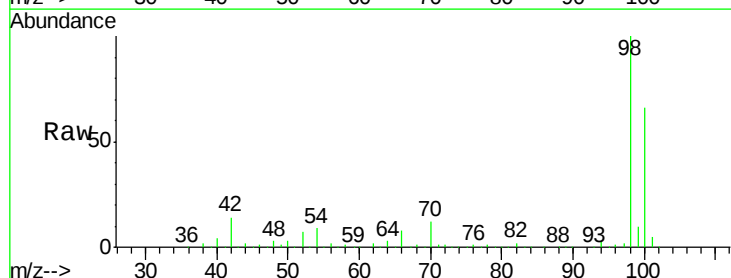


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

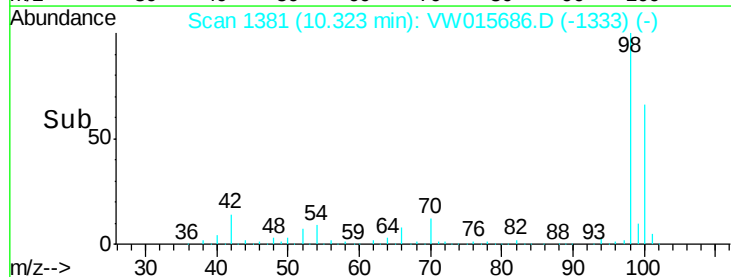
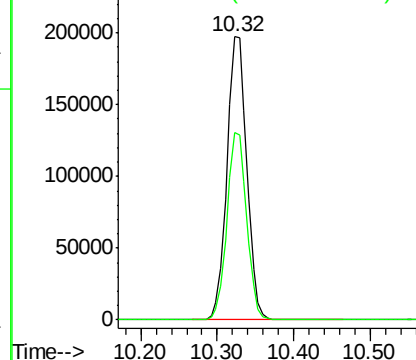


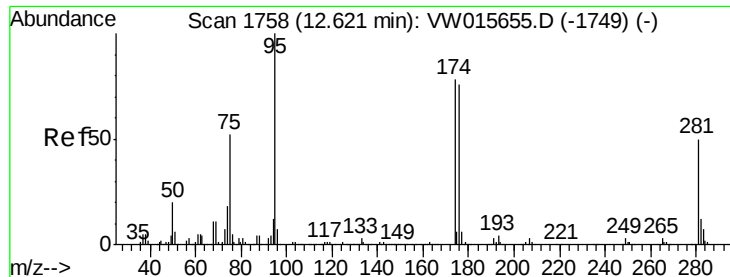
#50
Toluene-d8
Concen: 50.807 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015686.D
Acq: 24 Jun 2020 16:39

Tgt Ion: 98 Resp: 353006
Ion Ratio Lower Upper
98 100
100 65.6 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: 47.816 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015686.D

Acq: 24 Jun 2020 16:39

Instrument :

MSVOA_W

ClientSampled :

SB-15

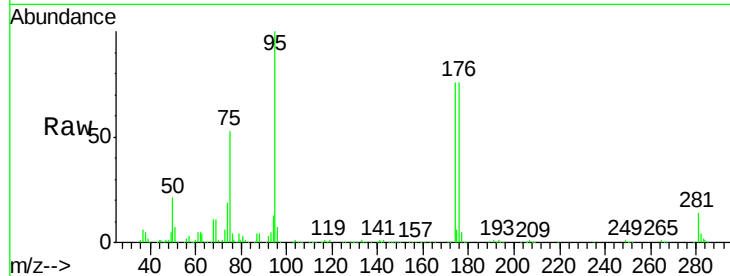
Tgt Ion: 95 Resp: 122349

Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.0

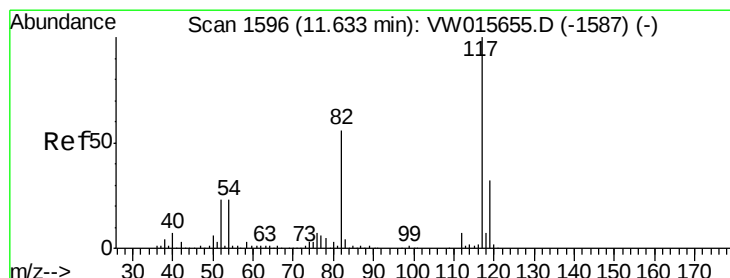
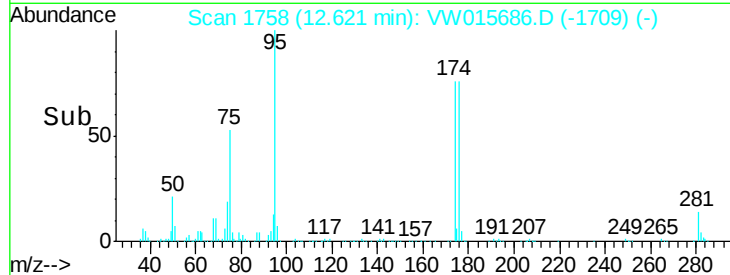
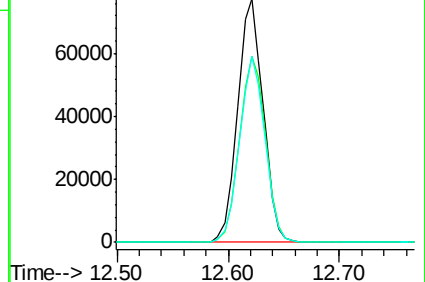
176 76.0 0.0 151.4



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: VW015686.D

Acq: 24 Jun 2020 16:39

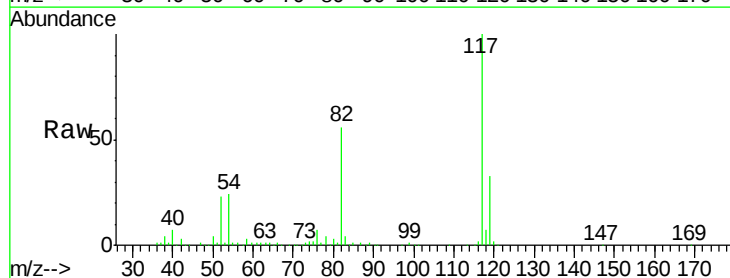
Tgt Ion: 117 Resp: 262167

Ion Ratio Lower Upper

117 100

82 56.0 45.1 67.7

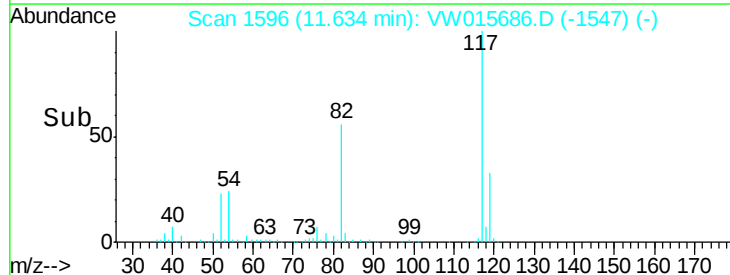
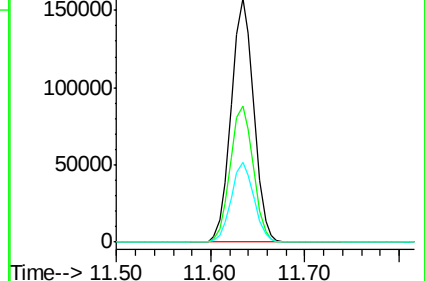
119 33.0 25.8 38.8

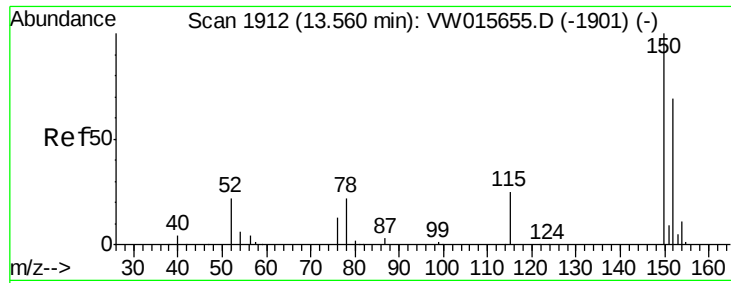


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW015686.D

Acq: 24 Jun 2020 16:39

Instrument :

MSVOA_W

ClientSampleId :

SB-15

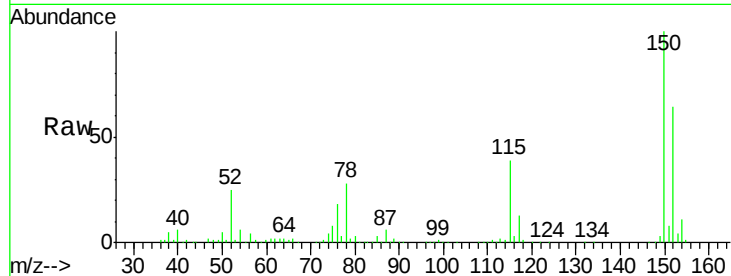
Tgt Ion:152 Resp: 120013

Ion Ratio Lower Upper

152 100

115 59.2 30.1 90.5

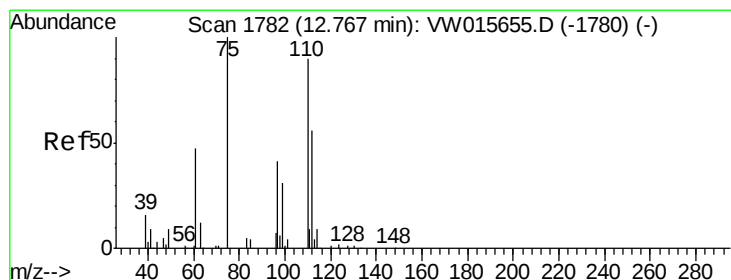
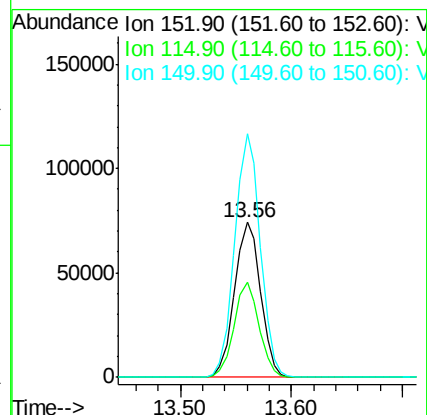
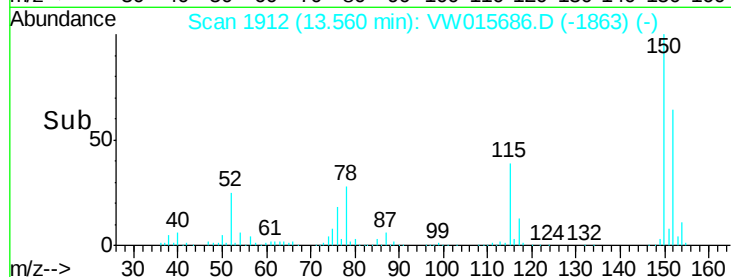
150 154.5 0.0 345.6



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: 60.176 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015686.D

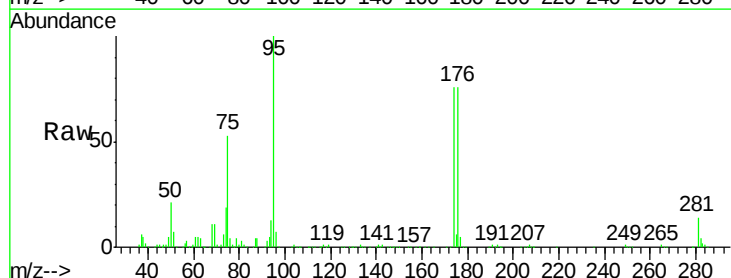
Acq: 24 Jun 2020 16:39

Tgt Ion: 75 Resp: 65875

Ion Ratio Lower Upper

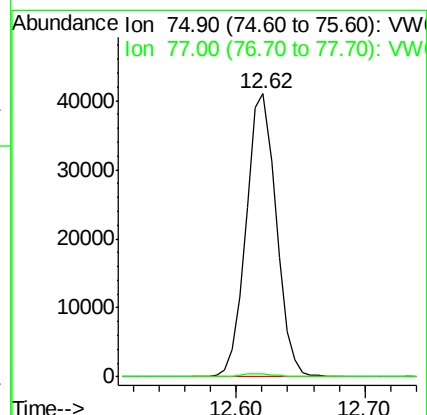
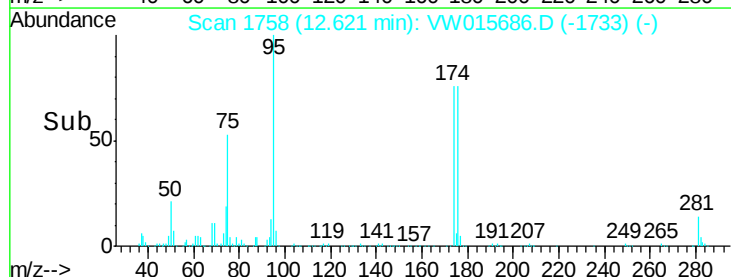
75 100

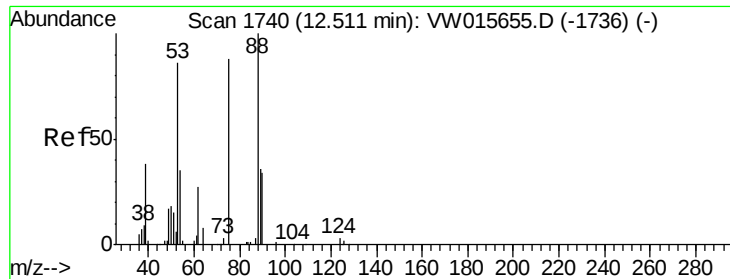
77 1.3 179.1 537.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

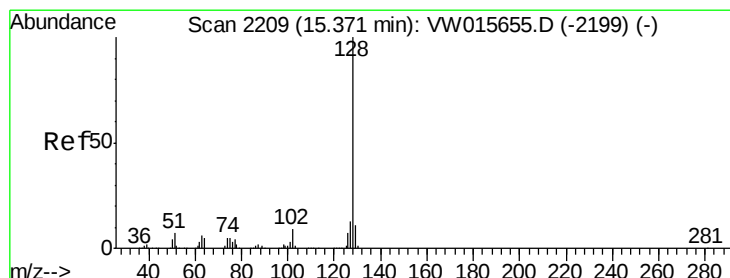
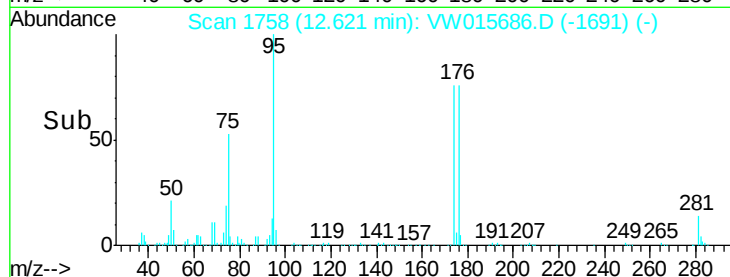
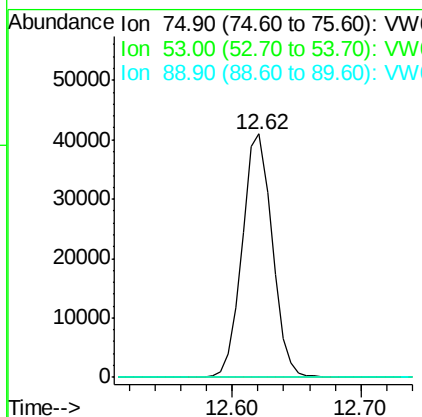
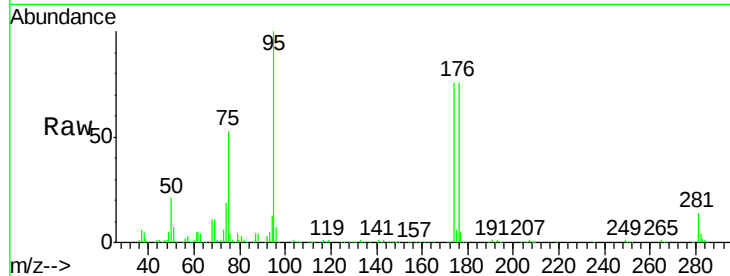




#81
trans-1,4-Dichloro-2-butene
Concen: 151.646 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW015686.D
Acq: 24 Jun 2020 16:39

Instrument :
MSVOA_W
ClientSampled :
SB-15

Tgt Ion: 75 Resp: 65875
Ion Ratio Lower Upper
75 100
53 0.0 83.8 125.8#
89 0.3 36.6 55.0#



#95
Naphthalene
Concen: 1.011 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015686.D
Acq: 24 Jun 2020 16:39

Tgt Ion: 128 Resp: 3870
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.8 13.2

