

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015702.D
 Acq On : 25 Jun 2020 00:37
 Operator : SY/VA
 Sample : L3101-01
 Misc : 6.16G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EBS8-S-01

Quant Time: Jun 25 02:09:00 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	161376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	279781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	241941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90454	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	104293	58.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.16%	
35) Dibromofluoromethane	7.89	113	89183	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.32	98	348216	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	101710	39.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.76%	

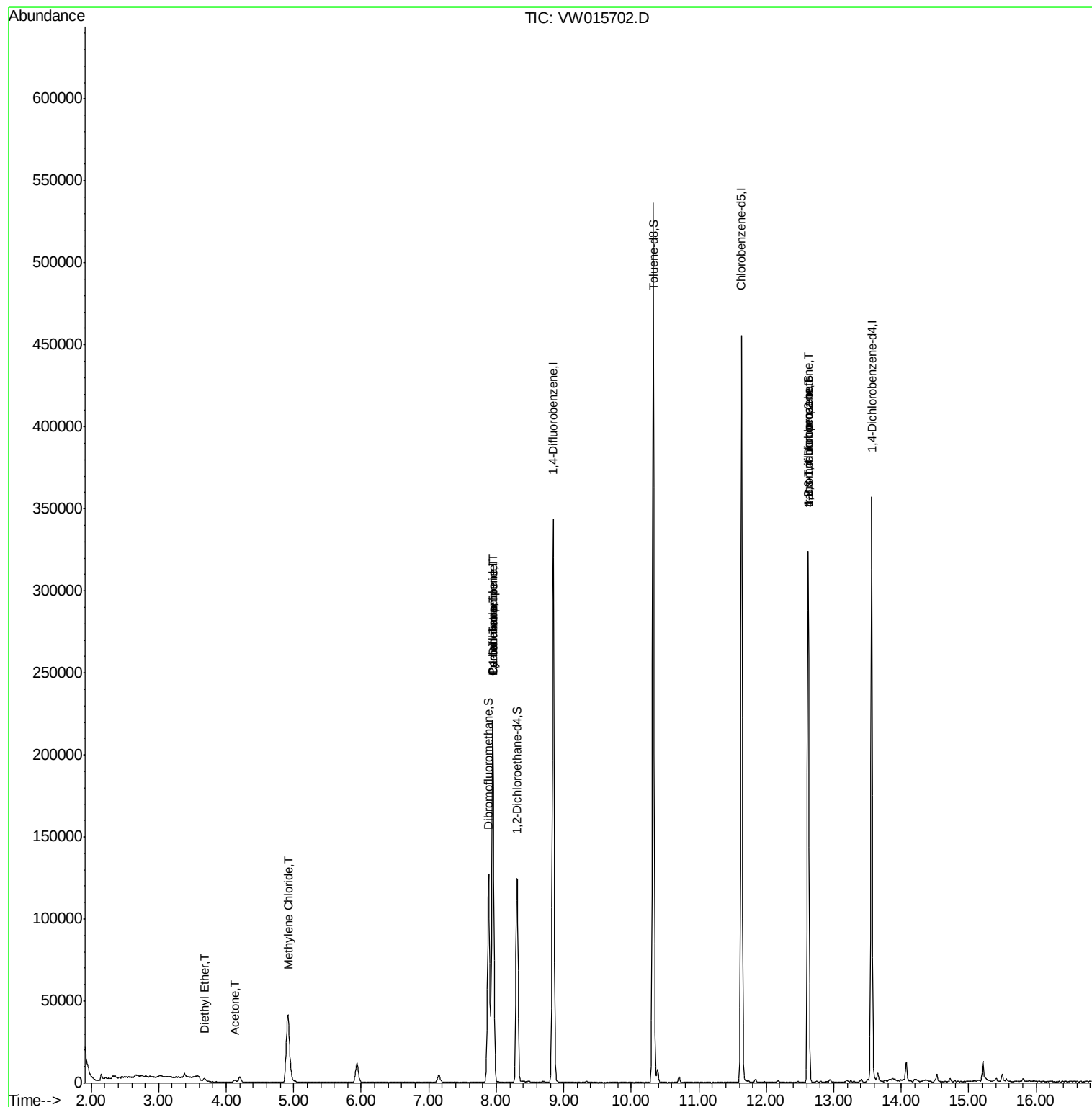
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1169	1.476	ug/l	86
11) Tert butyl alcohol	5.20	59	30	Below Cal	#	72
16) Acetone	4.12	43	3036	8.894	ug/l	93
18) Methyl Acetate	4.66	43	115	Below Cal	#	52
20) Methylene Chloride	4.92	84	33856	17.386	ug/l	96
31) Cyclohexane	7.95	56	4267	1.380	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	13251	4.554	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16709	5.923	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	55535	67.309	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	55535	169.620	ug/l #	8

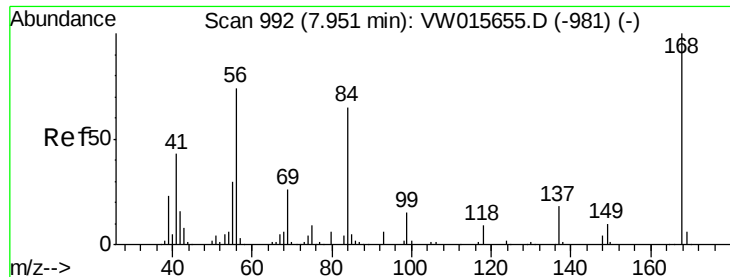
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
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EBS8-S-01

Quant Time: Jun 25 02:09:00 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: VW015702.D

Acq: 25 Jun 2020 00:37

Instrument :

MSVOA_W

ClientSampled :

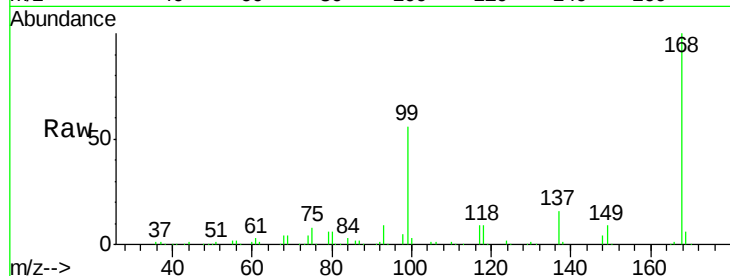
EBS8-S-01

Tgt Ion:168 Resp: 161376

Ion Ratio Lower Upper

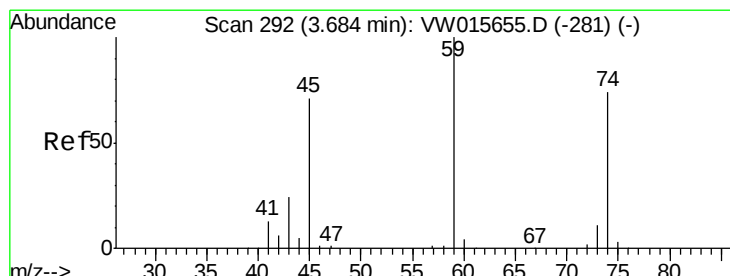
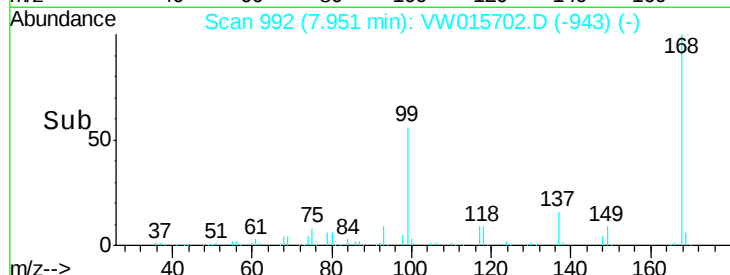
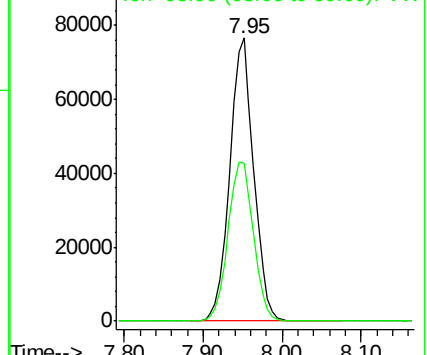
168 100

99 55.7 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.476 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW015702.D

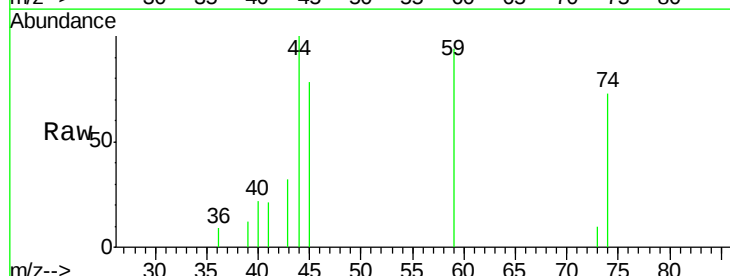
Acq: 25 Jun 2020 00:37

Tgt Ion: 74 Resp: 1169

Ion Ratio Lower Upper

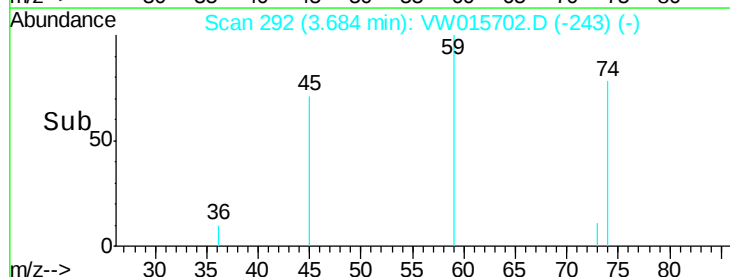
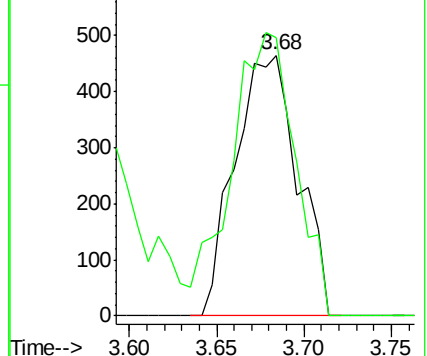
74 100

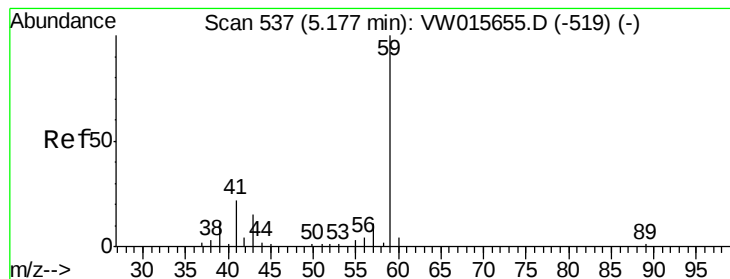
45 110.4 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



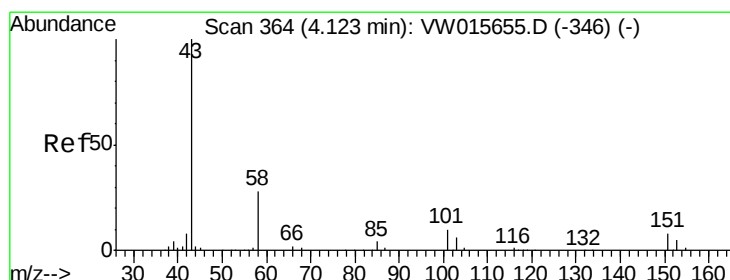
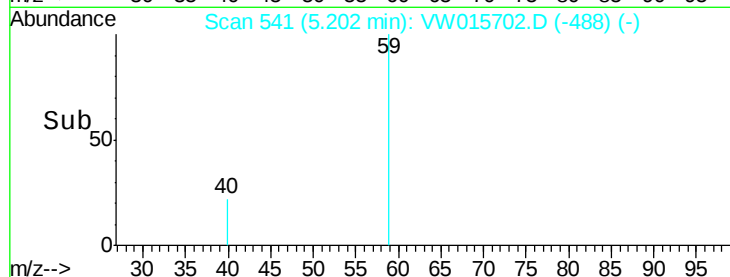
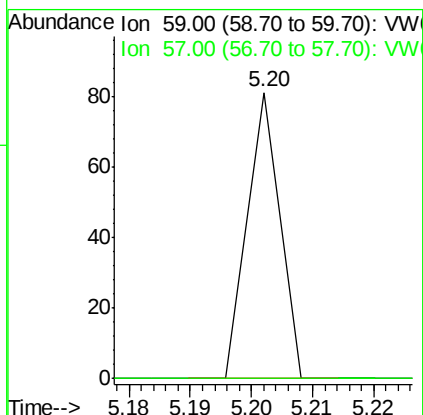
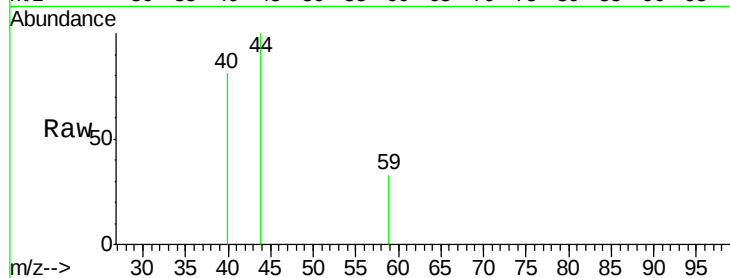


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 541
 Delta R.T. 0.02 min
 Lab File: VW015702.D
 Acq: 25 Jun 2020 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 EBS8-S-01

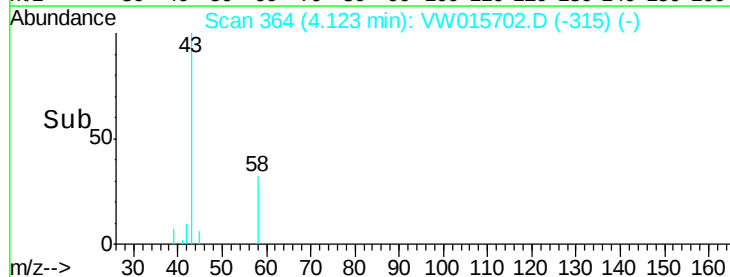
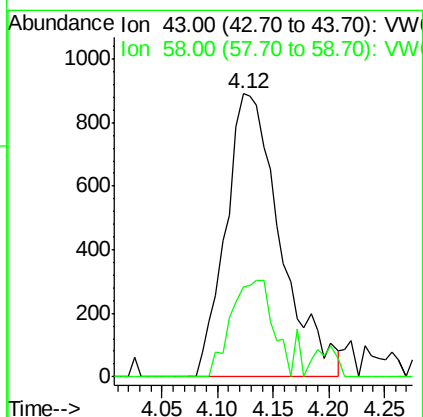
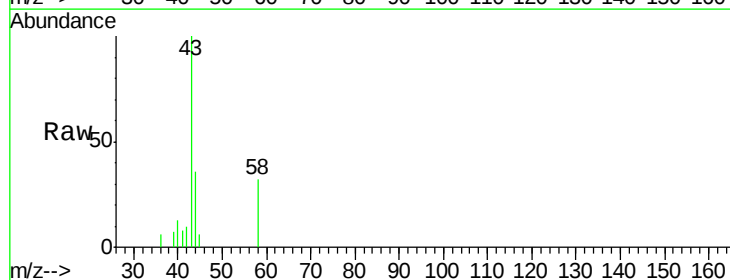
Tgt Ion: 59 Resp: 30
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

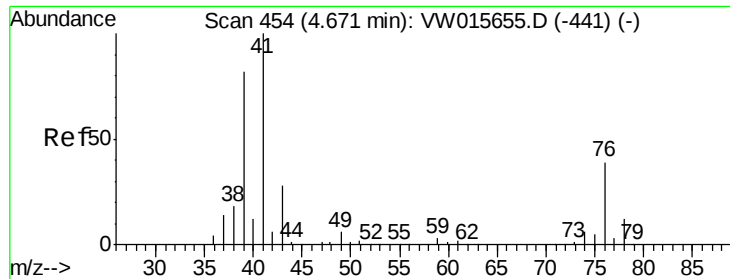


#16

Acetone
 Concen: 8.894 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW015702.D
 Acq: 25 Jun 2020 00:37

Tgt Ion: 43 Resp: 3036
 Ion Ratio Lower Upper
 43 100
 58 31.6 22.6 33.8

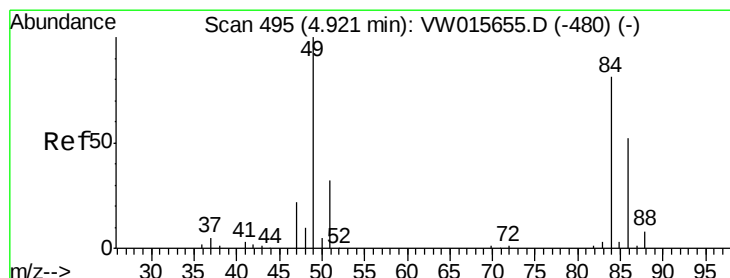
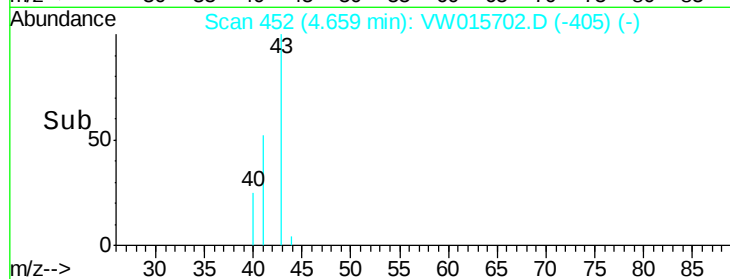
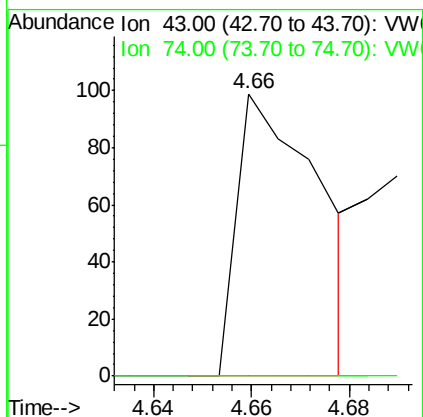
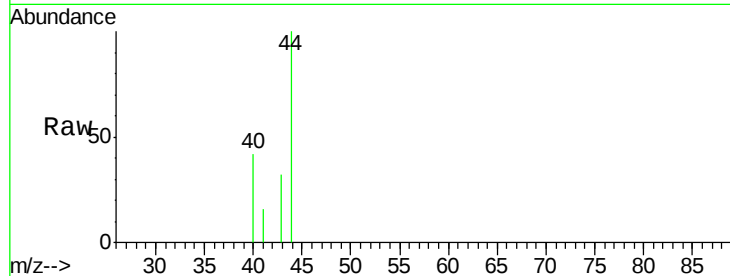




#18
Methyl Acetate
Concen: Below Cal
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW015702.D
Acq: 25 Jun 2020 00:37

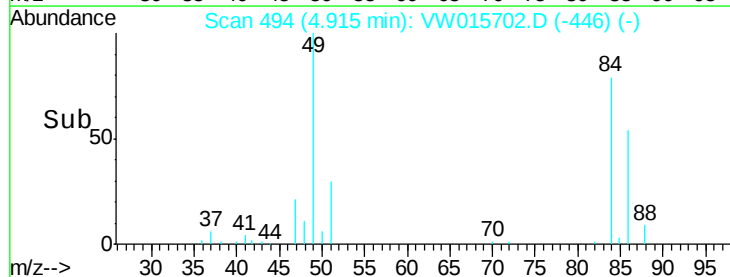
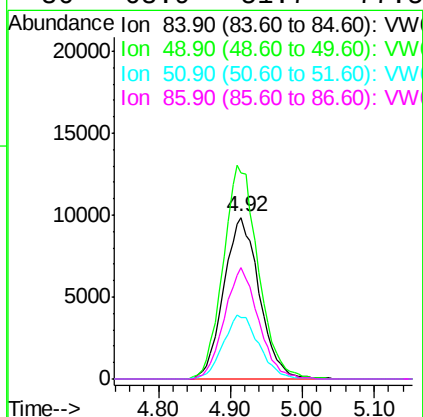
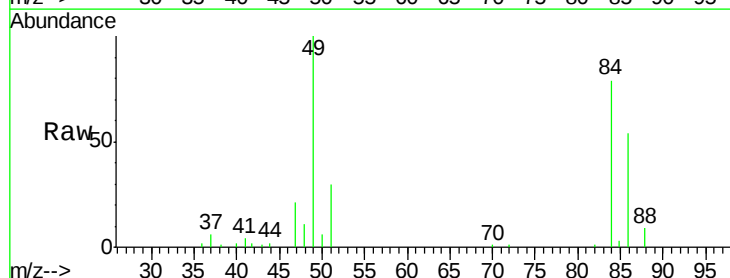
Instrument :
MSVOA_W
ClientSampled :
EBS8-S-01

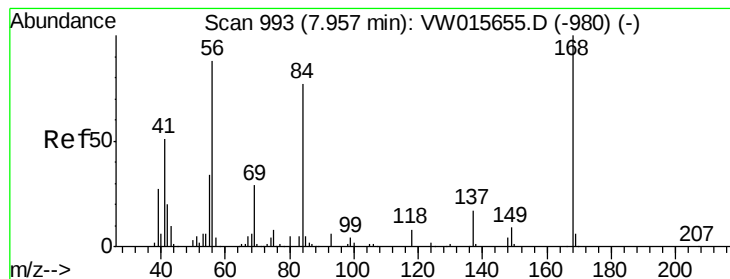
Tgt Ion: 43 Resp: 115
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 17.386 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015702.D
Acq: 25 Jun 2020 00:37

Tgt Ion: 84 Resp: 33856
Ion Ratio Lower Upper
84 100
49 127.4 99.3 148.9
51 38.2 31.8 47.6
86 68.9 51.7 77.5





#31

Cyclohexane

Concen: 1.380 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015702.D

Acq: 25 Jun 2020 00:37

Instrument :

MSVOA_W

ClientSampleId :

EBS8-S-01

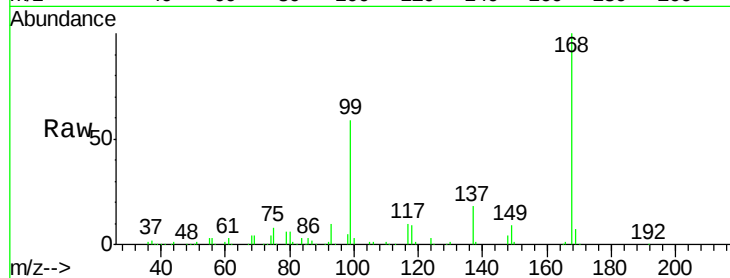
Tgt Ion: 56 Resp: 4267

Ion Ratio Lower Upper

56 100

69 153.7 26.2 39.4#

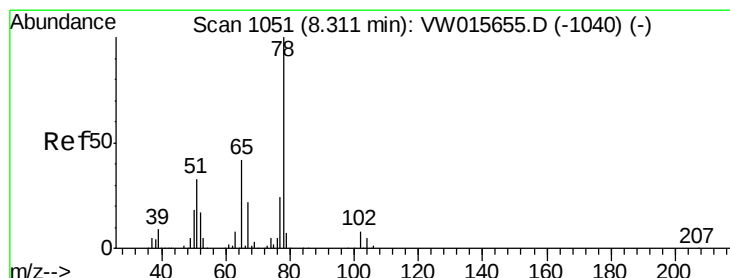
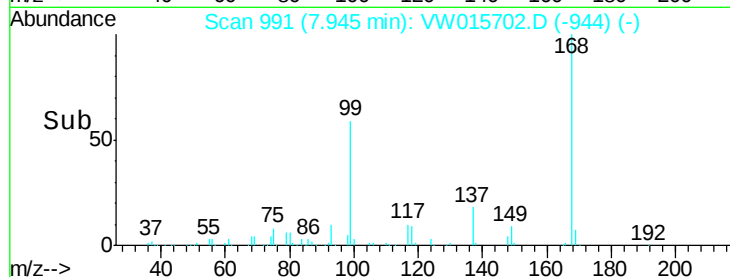
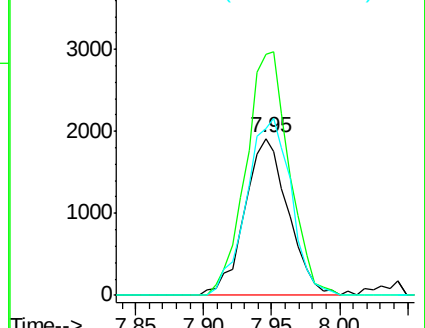
84 106.8 70.4 105.6#



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: 58.085 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015702.D

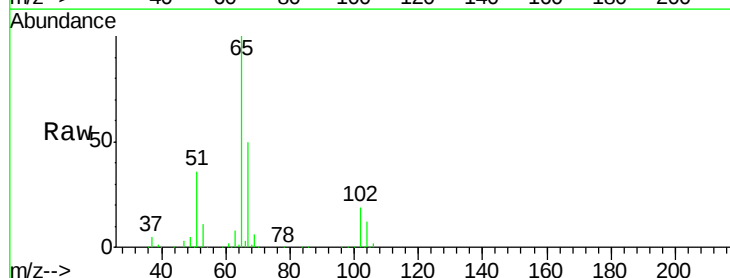
Acq: 25 Jun 2020 00:37

Tgt Ion: 65 Resp: 104293

Ion Ratio Lower Upper

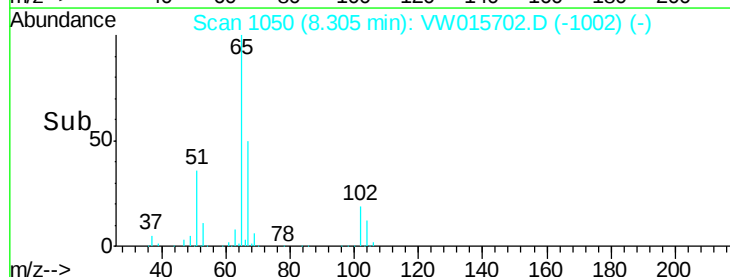
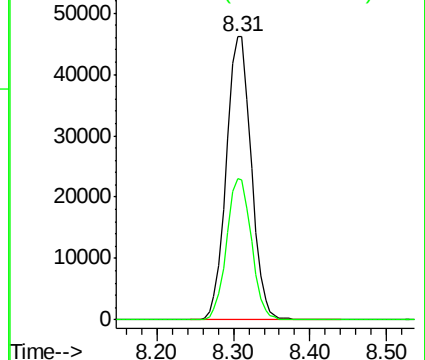
65 100

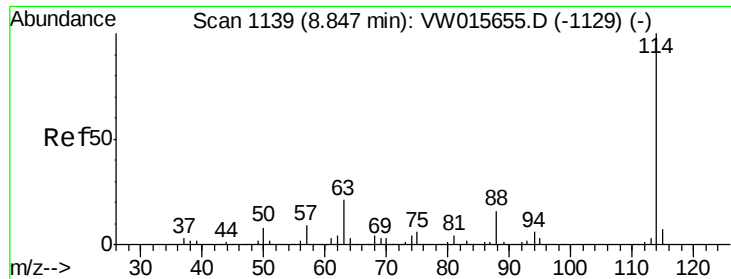
67 49.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

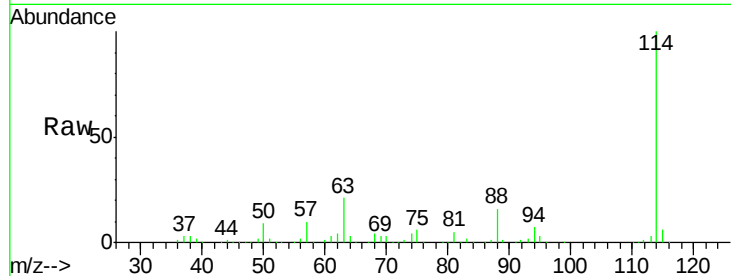




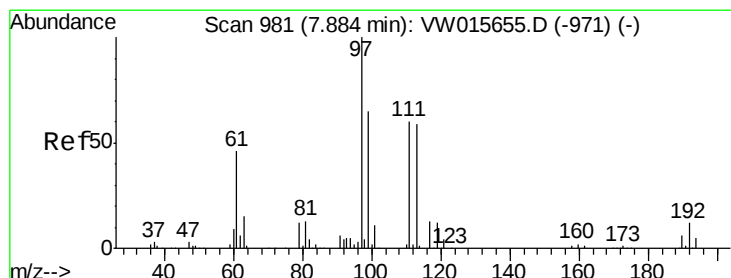
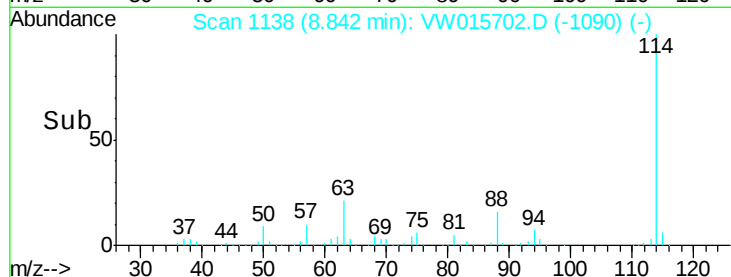
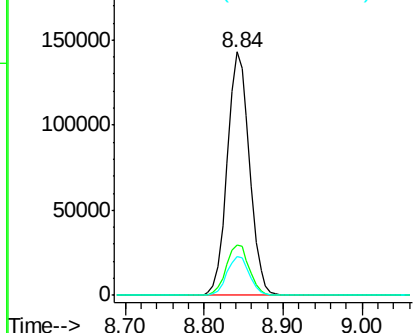
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW015702.D
Acq: 25 Jun 2020 00:37

Instrument :
MSVOA_W
ClientSampleId :
EBS8-S-01

Tgt Ion:114 Resp: 279781
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 16.0 0.0 32.6

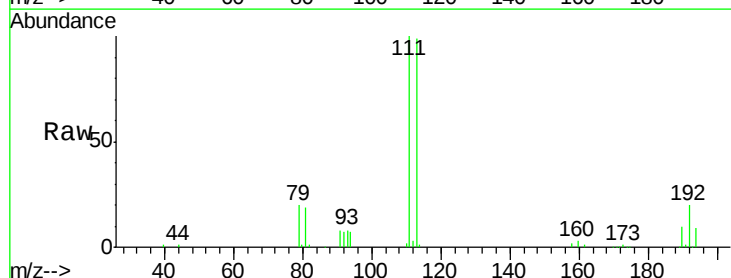


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

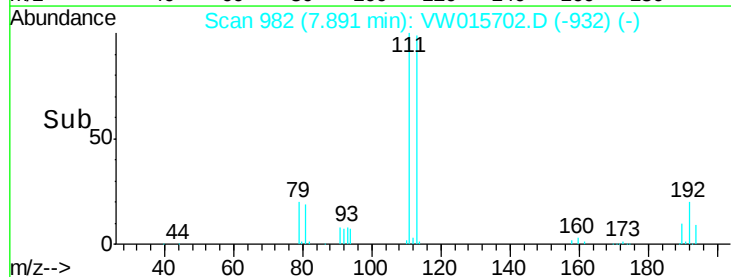
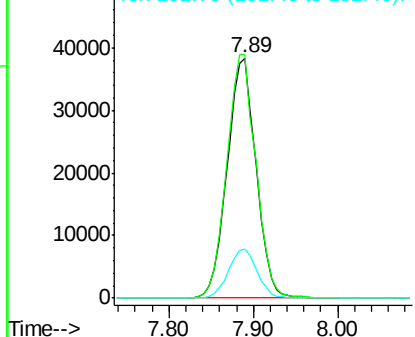


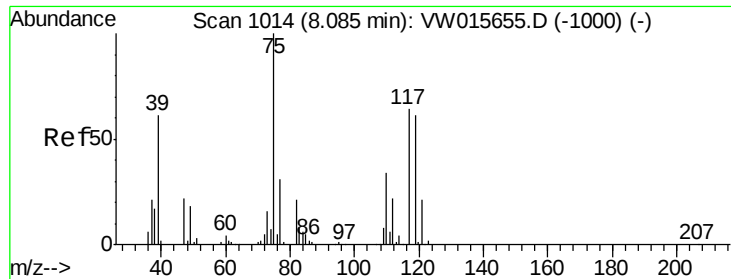
#35
Dibromofluoromethane
Concen: 50.675 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015702.D
Acq: 25 Jun 2020 00:37

Tgt Ion:113 Resp: 89183
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 20.3 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

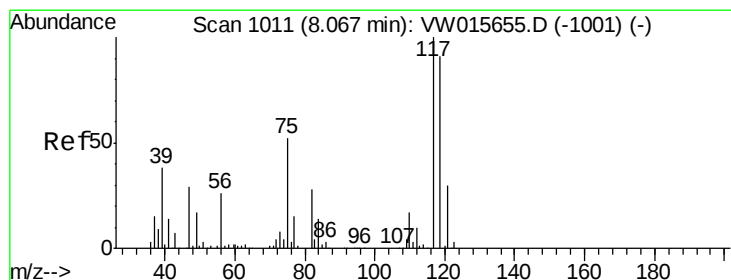
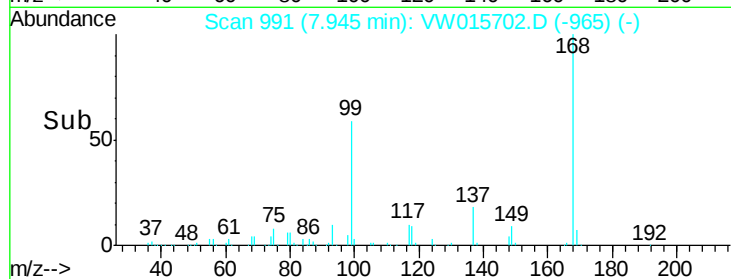
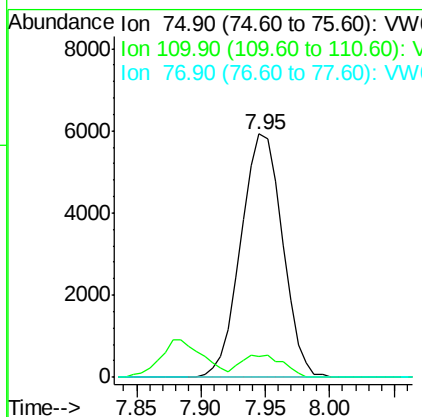
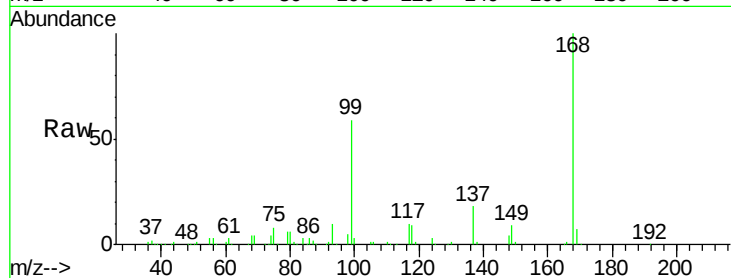




#36
 1,1-Dichloropropene
 Concen: 4.554 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015702.D
 Acq: 25 Jun 2020 00:37

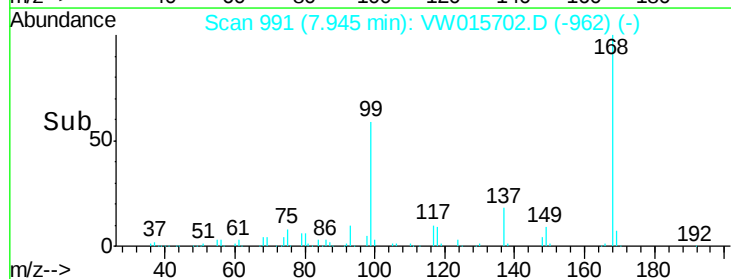
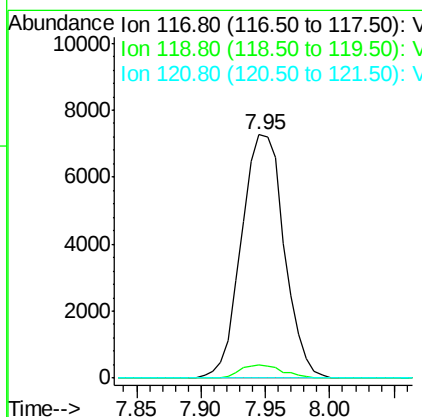
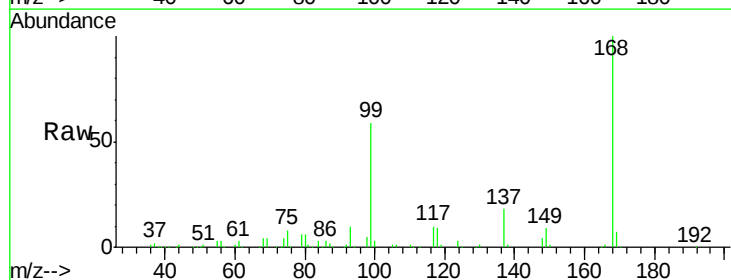
Instrument :
 MSVOA_W
 ClientSampled :
 EBS8-S-01

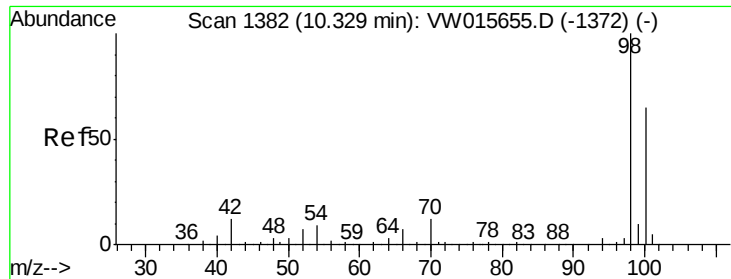
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.0	51.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.923 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW015702.D
 Acq: 25 Jun 2020 00:37

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





#50

Toluene-d8

Concen: 50.277 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015702.D

Acq: 25 Jun 2020 00:37

Instrument :

MSVOA_W

ClientSampleId :

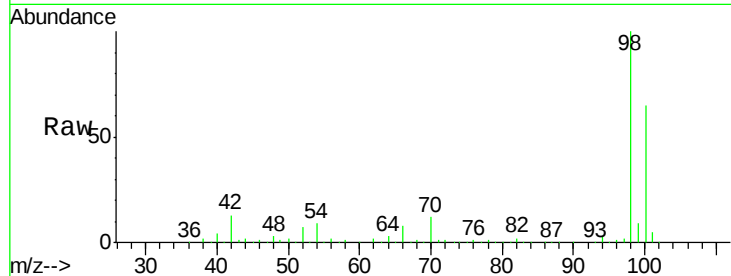
EBS8-S-01

Tgt Ion: 98 Resp: 348216

Ion Ratio Lower Upper

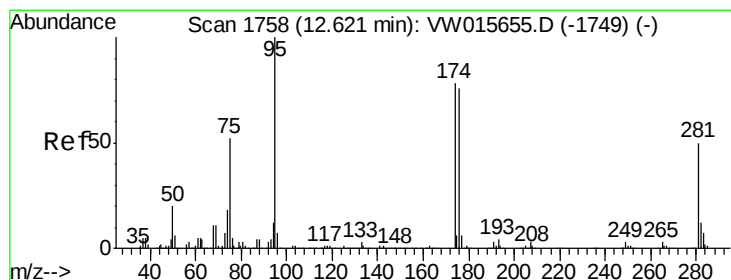
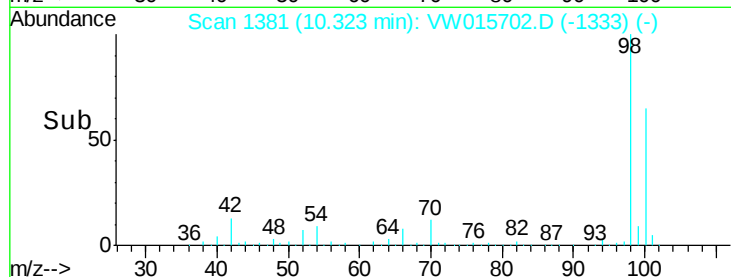
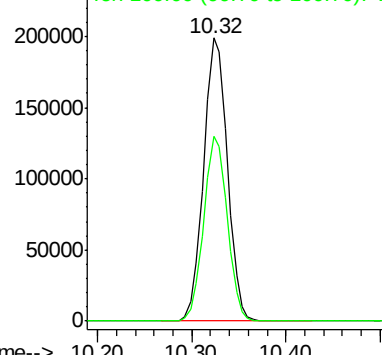
98 100

100 64.8 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: 39.876 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015702.D

Acq: 25 Jun 2020 00:37

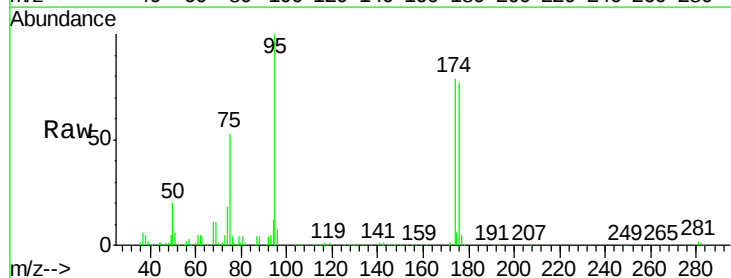
Tgt Ion: 95 Resp: 101710

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.0

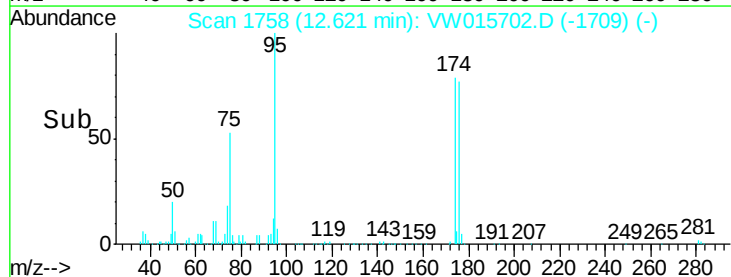
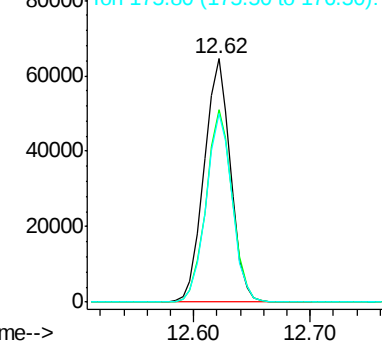
176 76.5 0.0 151.4

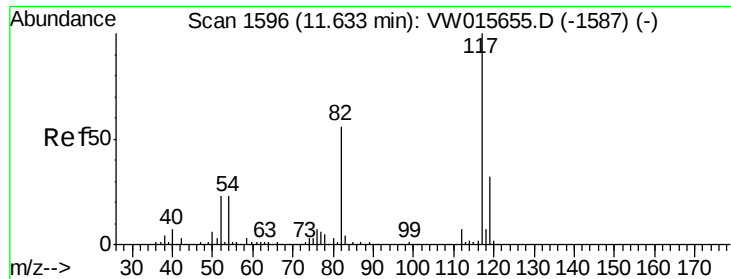


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015702.D

Acq: 25 Jun 2020 00:37

Instrument :

MSVOA_W

ClientSampleId :

EBS8-S-01

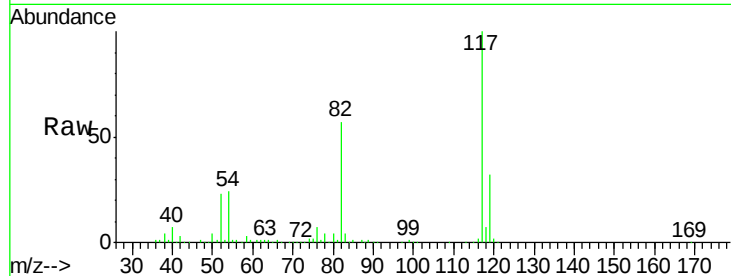
Tgt Ion:117 Resp: 241941

Ion Ratio Lower Upper

117 100

82 56.7 45.1 67.7

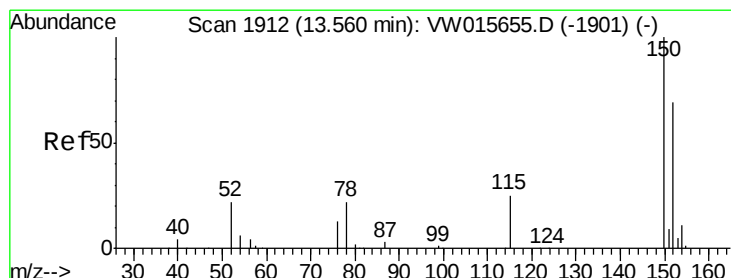
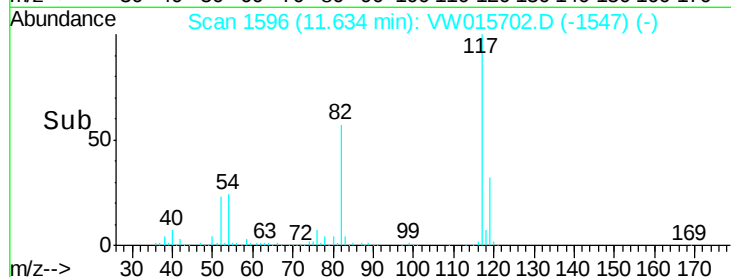
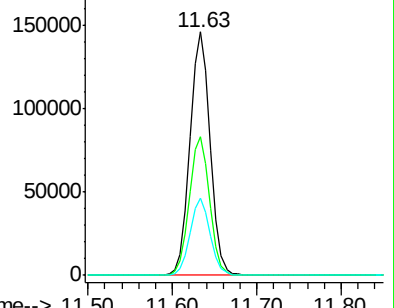
119 31.6 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015702.D

Acq: 25 Jun 2020 00:37

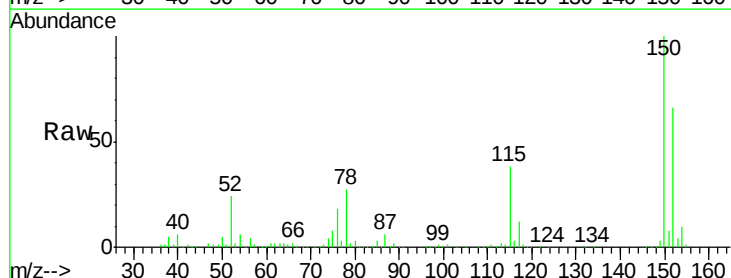
Tgt Ion:152 Resp: 90454

Ion Ratio Lower Upper

152 100

115 59.5 30.1 90.5

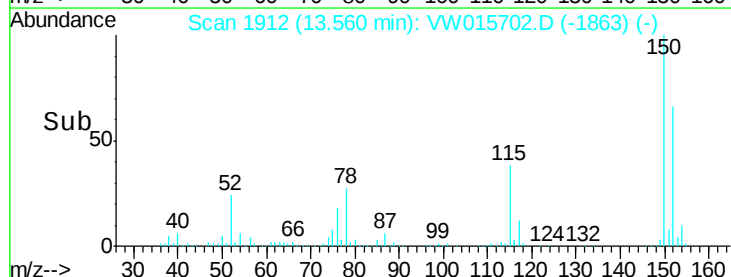
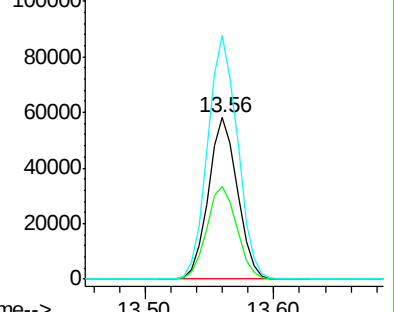
150 155.1 0.0 345.6

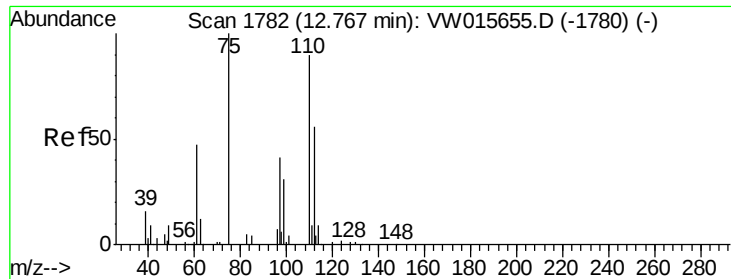


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

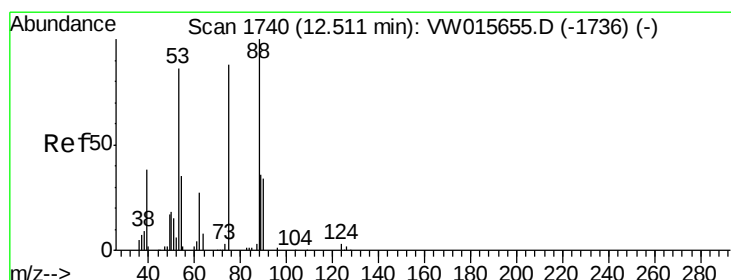
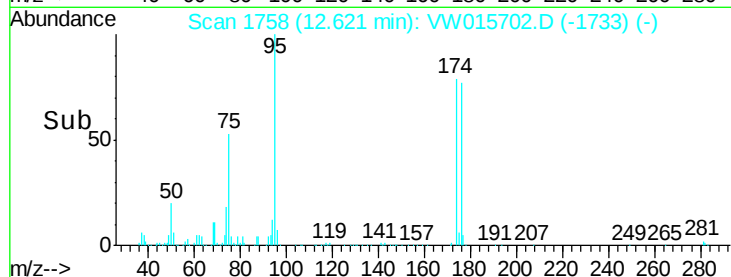
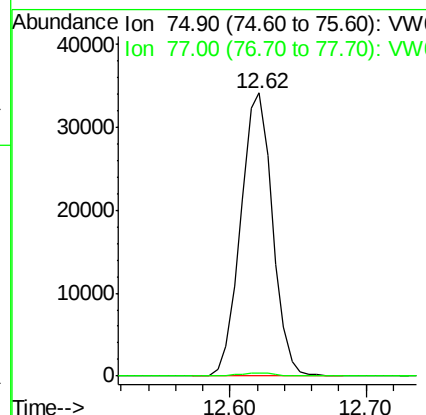
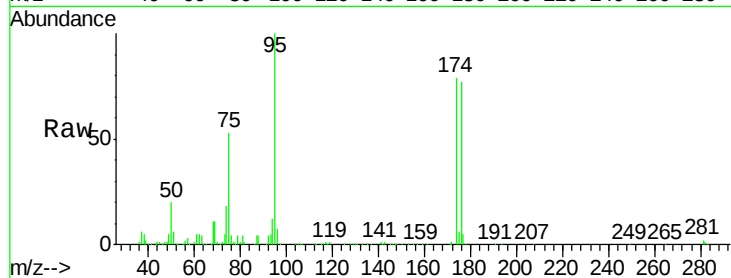




#76
 1,2,3-Trichloropropane
 Concen: 67.309 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW015702.D
 Acq: 25 Jun 2020 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 EBS8-S-01

Tgt Ion: 75 Resp: 55535
 Ion Ratio Lower Upper
 75 100
 77 1.2 179.1 537.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 169.620 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW015702.D
 Acq: 25 Jun 2020 00:37

Tgt Ion: 75 Resp: 55535
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.8 125.8#
 89 0.0 36.6 55.0#

