

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015726.D
 Acq On : 25 Jun 2020 14:04
 Operator : SY/VA
 Sample : L3101-04RE
 Misc : 6.56G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EBS8-S-03RE

Quant Time: Jun 26 01:40:42 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	151712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	250950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	206560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75473	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	94717	56.11	ug/l	0.00
Spiked Amount			Recovery	=	112.22%	
35) Dibromofluoromethane	7.89	113	80133	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
50) Toluene-d8	10.32	98	299294	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.62	95	85476	37.36	ug/l	0.00
Spiked Amount			Recovery	=	74.72%	

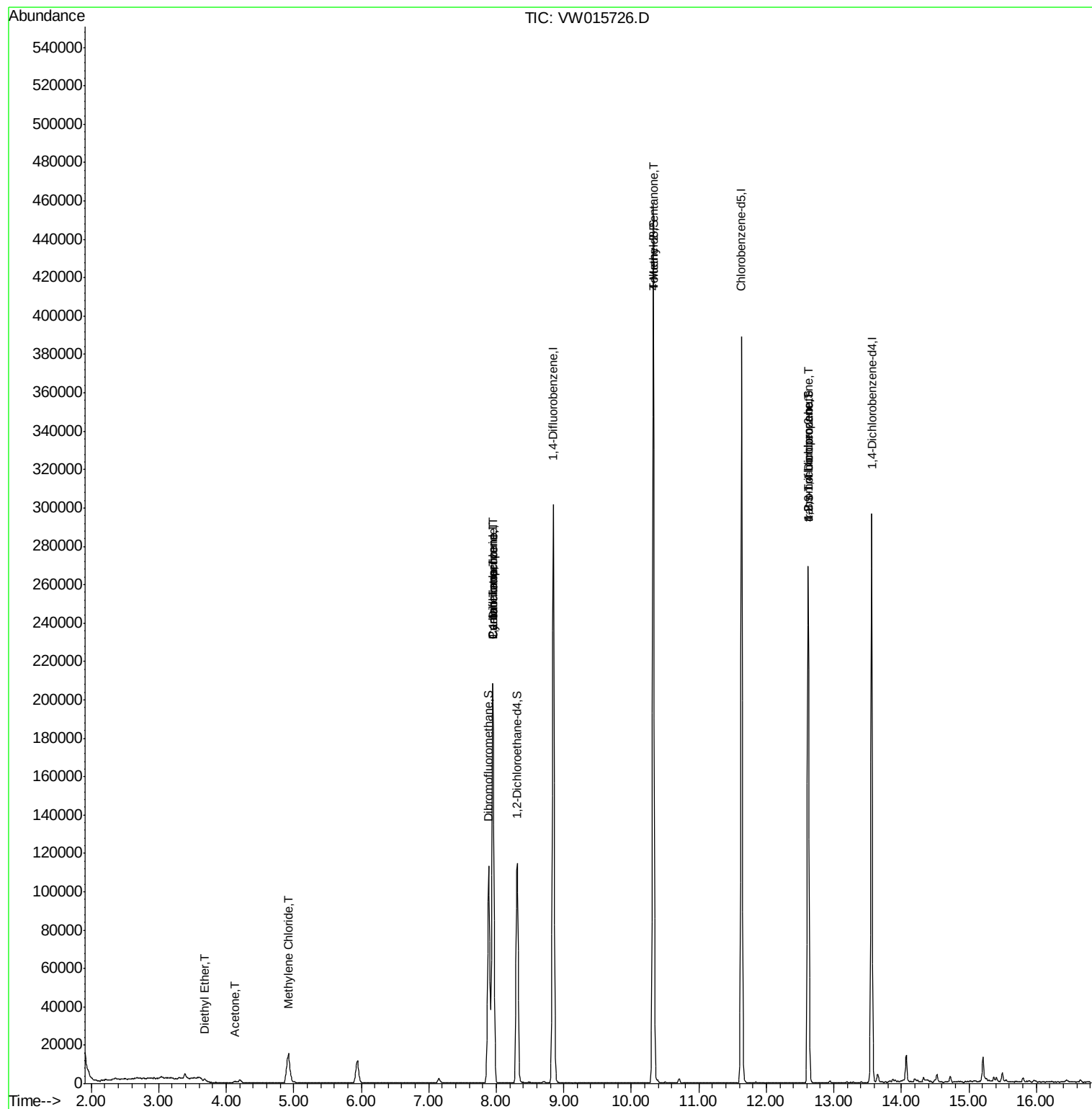
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	783	1.051	ug/l	76
16) Acetone	4.13	43	1794	5.591	ug/l	93
18) Methyl Acetate	4.68	43	217	Below Cal	#	52
20) Methylene Chloride	4.92	84	12301	3.645	ug/l	94
31) Cyclohexane	7.95	56	3635	1.250	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	12881	4.935	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15582	6.159	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1459	1.521	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	45856	66.610	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	45856	167.859	ug/l #	8

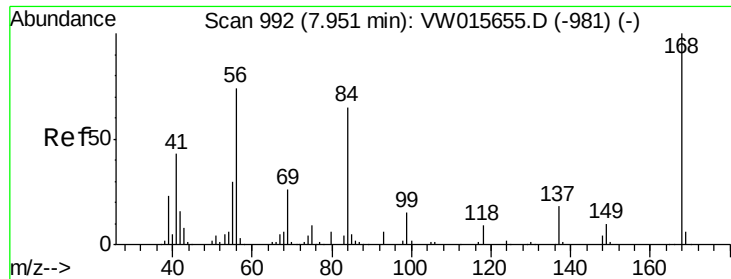
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062520\
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Quant Time: Jun 26 01:40:42 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: VW015726.D

Acq: 25 Jun 2020 14:04

Instrument :

MSVOA_W

ClientSampleId :

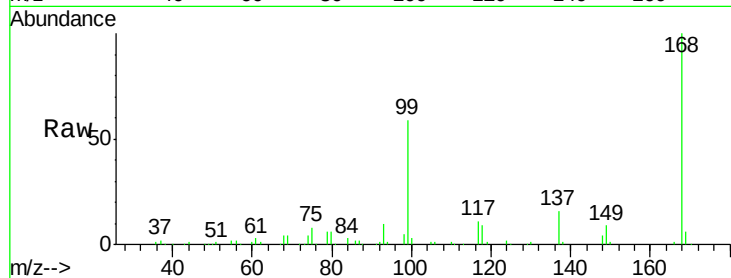
EBS8-S-03RE

Tot Ion:168 Resp: 151712

Ion Ratio Lower Upper

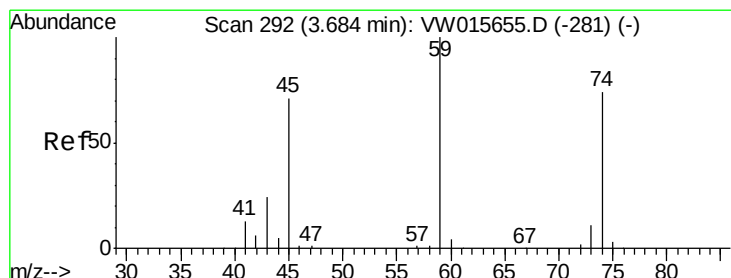
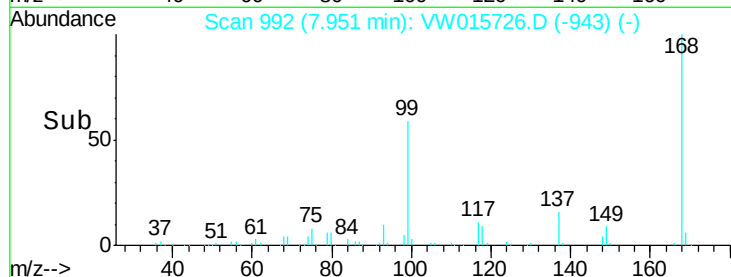
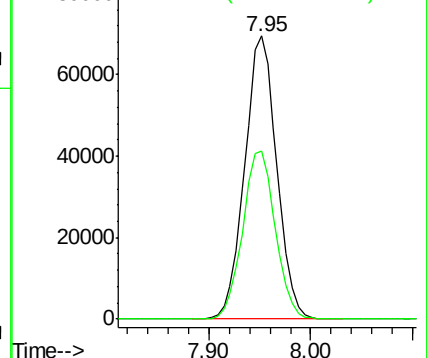
168 100

99 59.3 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: 1.051 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW015726.D

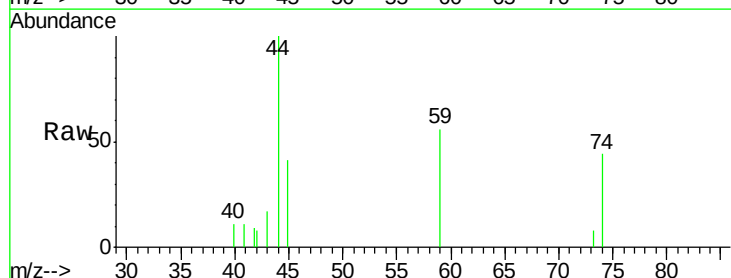
Acq: 25 Jun 2020 14:04

Tgt Ion: 74 Resp: 783

Ion Ratio Lower Upper

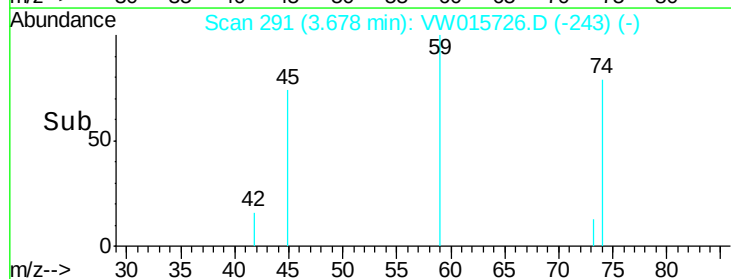
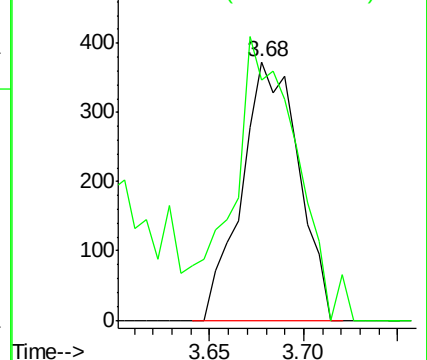
74 100

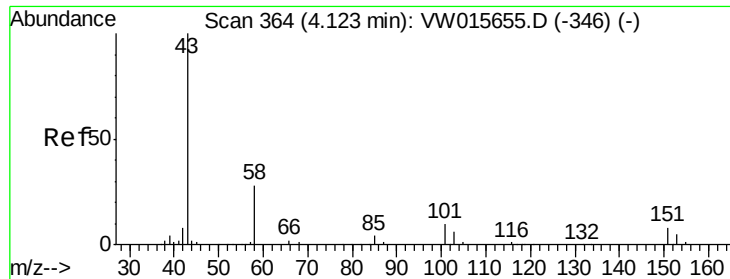
45 120.3 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 5.591 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015726.D

Acq: 25 Jun 2020 14:04

Instrument :

MSVOA_W

ClientSampled :

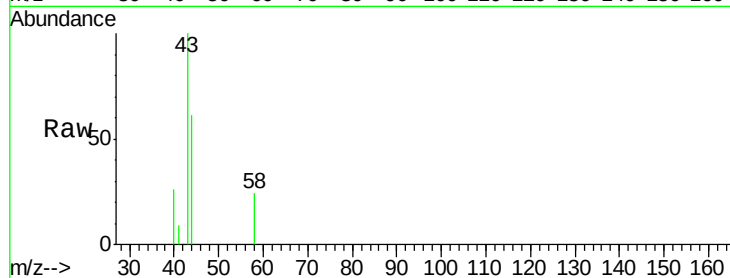
EBS8-S-03RE

Tot Ion: 43 Resp: 1794

Ion Ratio Lower Upper

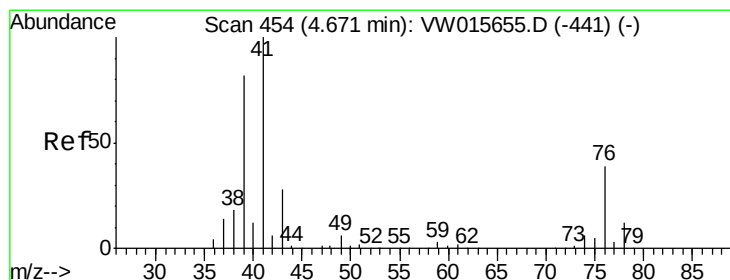
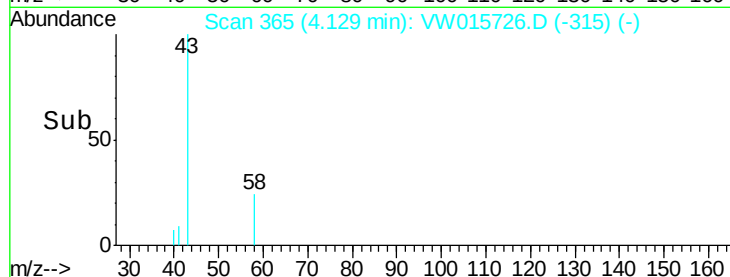
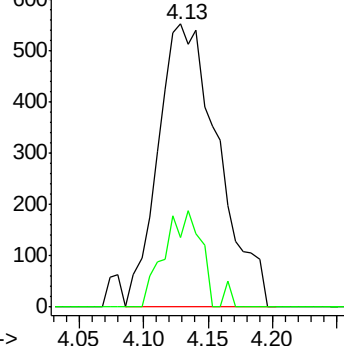
43 100

58 24.5 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# 455

Delta R.T. 0.01 min

Lab File: VW015726.D

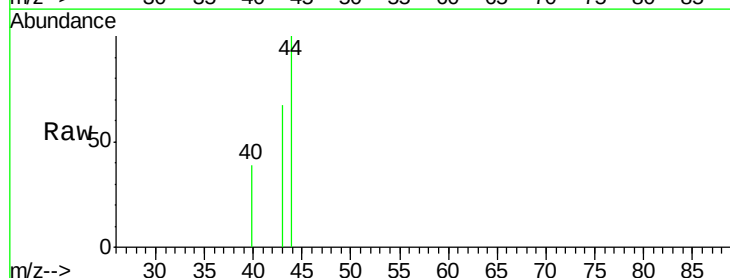
Acq: 25 Jun 2020 14:04

Tgt Ion: 43 Resp: 217

Ion Ratio Lower Upper

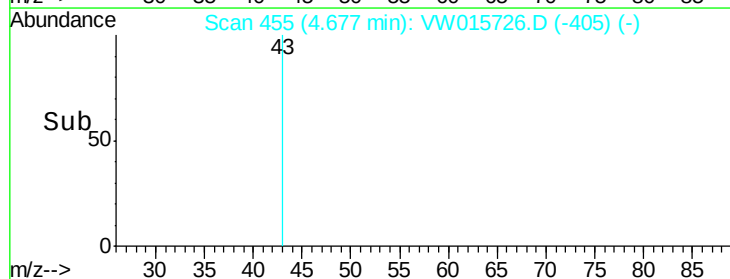
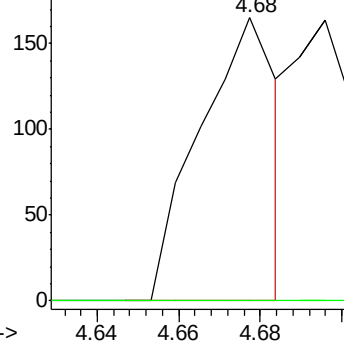
43 100

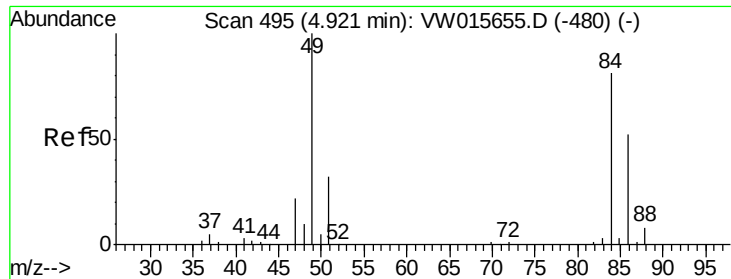
74 0.0 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

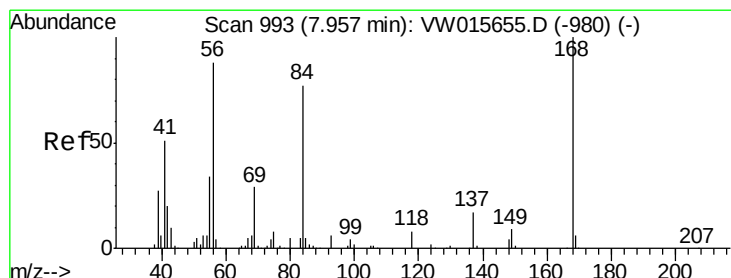
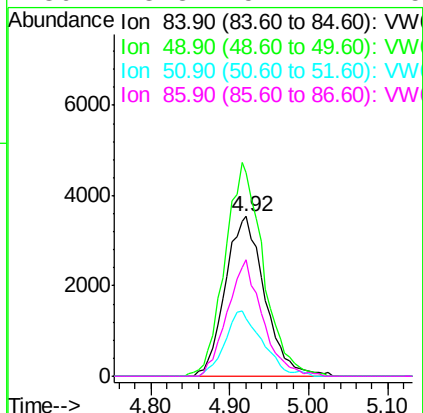
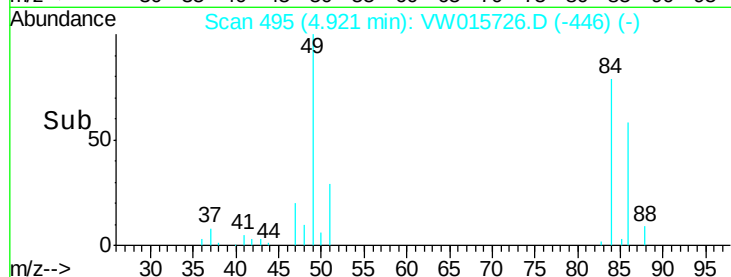
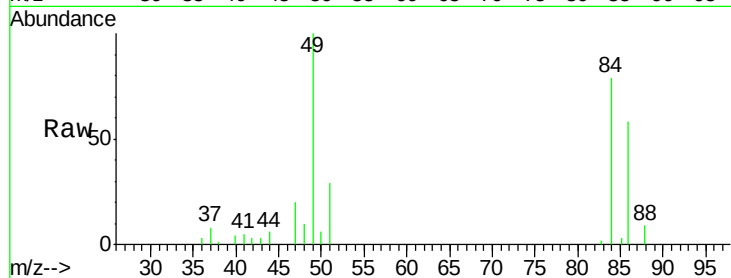




#20
Methvlene Chloride
Concen: 3.645 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015726.D
Acq: 25 Jun 2020 14:04

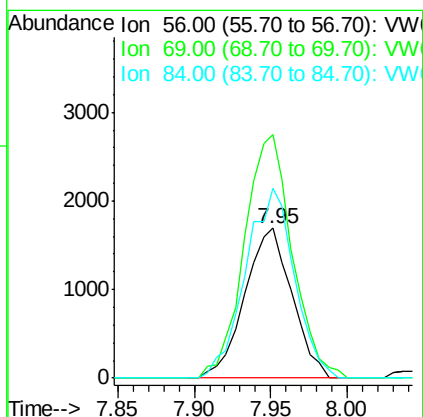
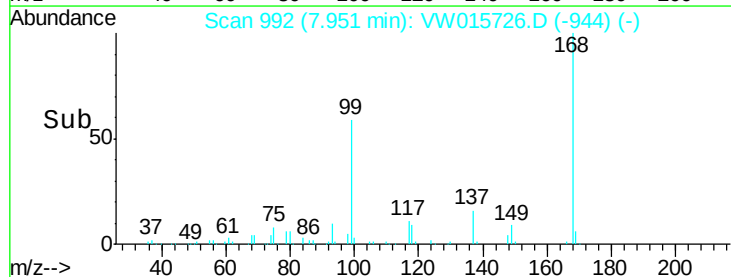
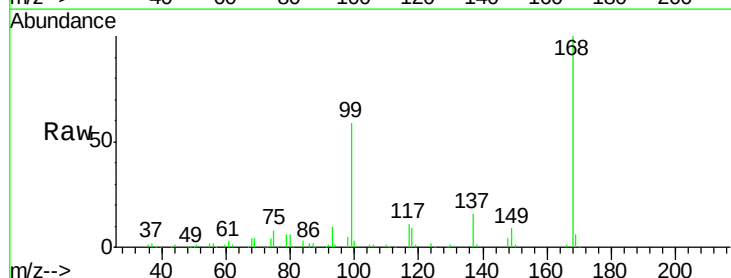
Instrument :
MSVOA_W
ClientSampleId :
EBS8-S-03RE

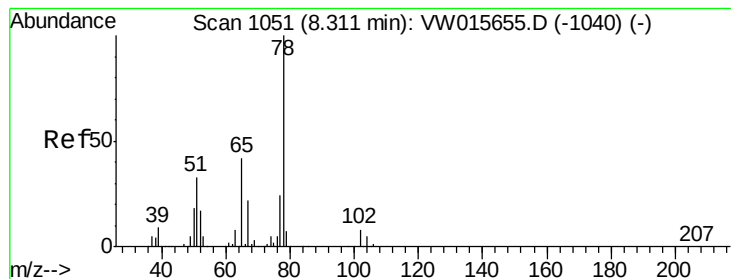
Tot Ion:	84	Resp:	12301
Ion	Ratio	Lower	Upper
84	100		
49	127.3	99.3	148.9
51	36.4	31.8	47.6
86	73.3	51.7	77.5



#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015726.D
Acq: 25 Jun 2020 14:04

Tgt Ion:	56	Resp:	3635
Ion	Ratio	Lower	Upper
56	100		
69	162.2	26.2	39.4#
84	126.2	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 56.112 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015726.D

Acq: 25 Jun 2020 14:04

Instrument :

MSVOA_W

ClientSampleId :

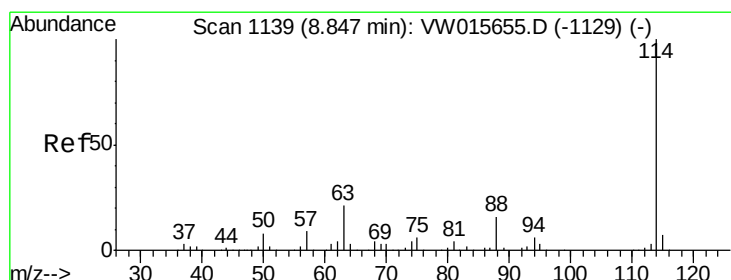
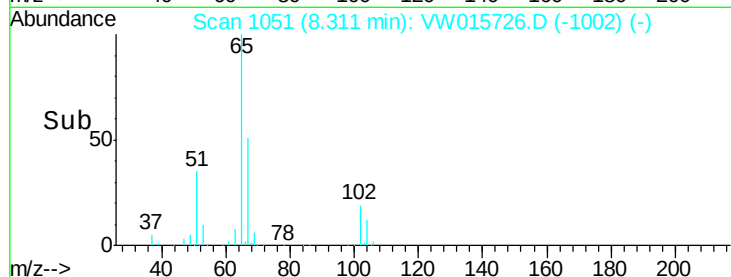
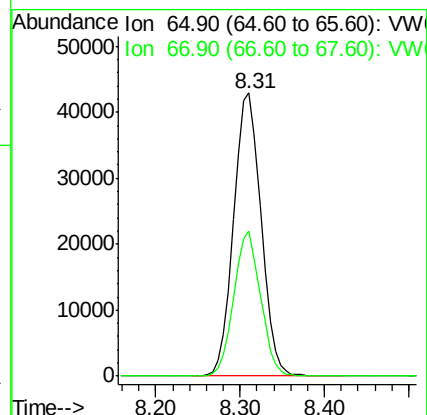
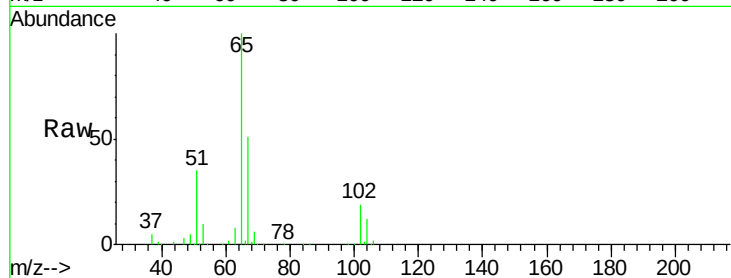
EBS8-S-03RE

Tot Ion: 65 Resp: 94717

Ion Ratio Lower Upper

65 100

67 49.9 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: VW015726.D

Acq: 25 Jun 2020 14:04

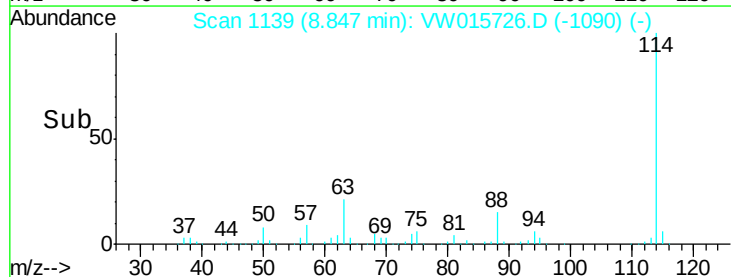
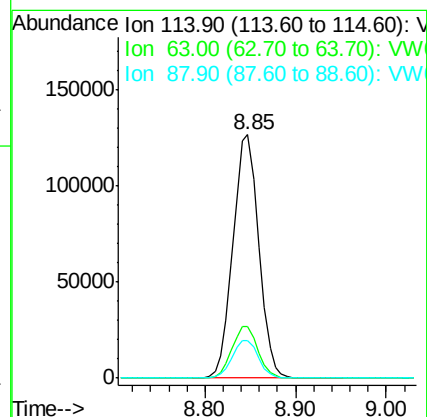
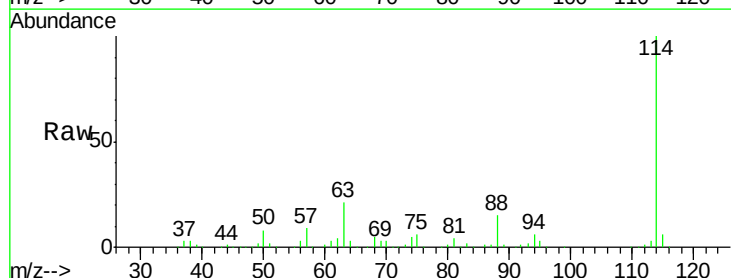
Tgt Ion: 114 Resp: 250950

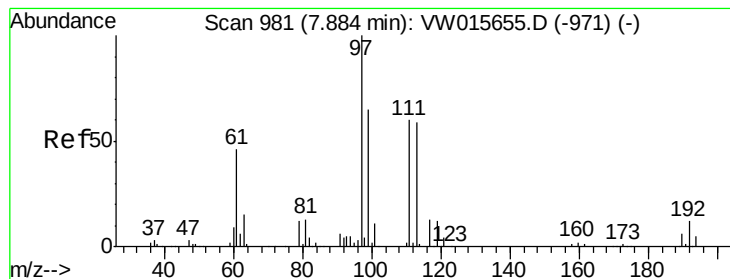
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.764 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015726.D

Acq: 25 Jun 2020 14:04

Instrument :

MSVOA_W

ClientSampleId :

EBS8-S-03RE

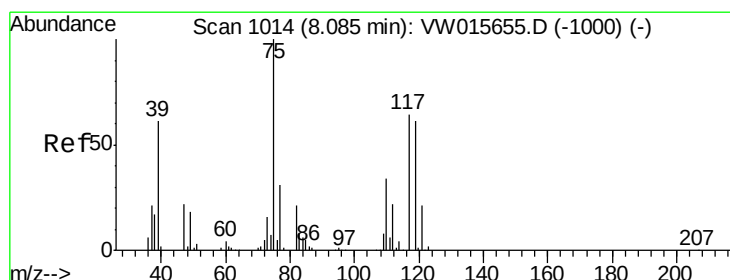
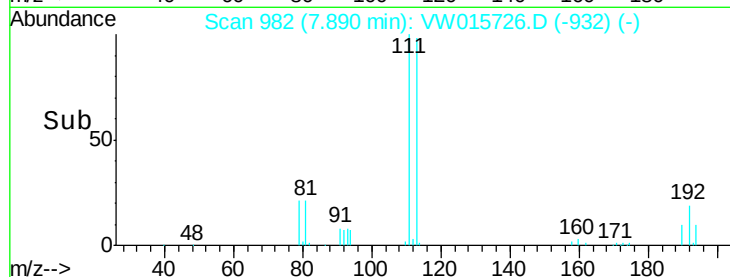
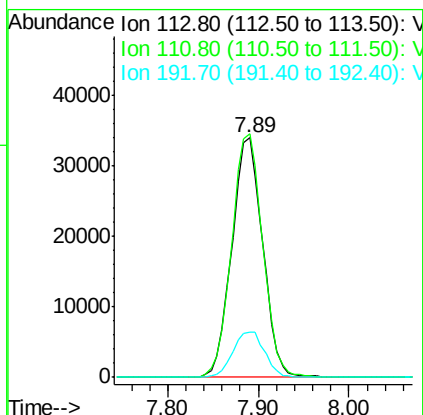
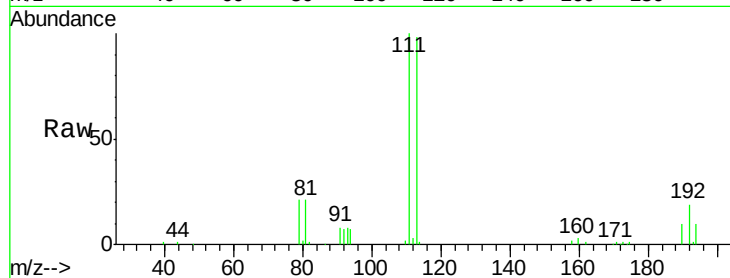
Tot Ion:113 Resp: 80133

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 19.6 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.935 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015726.D

Acq: 25 Jun 2020 14:04

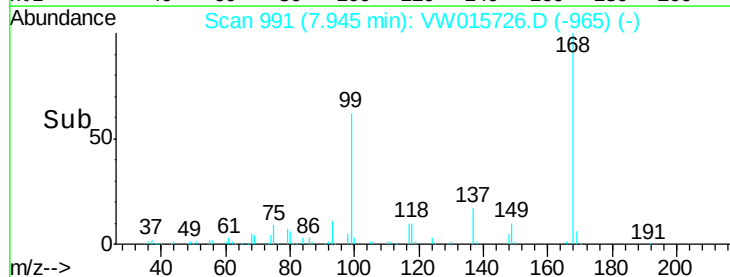
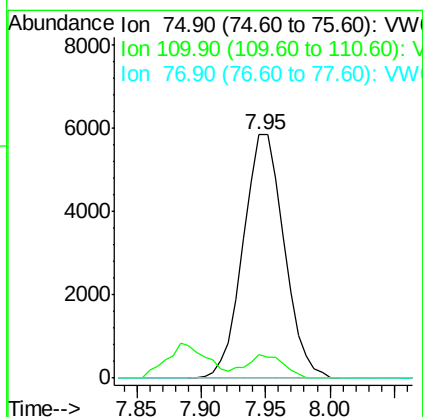
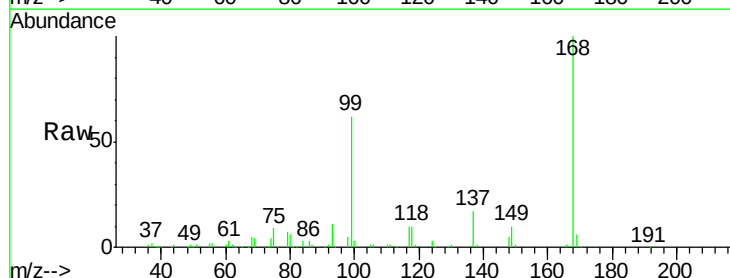
Tgt Ion: 75 Resp: 12881

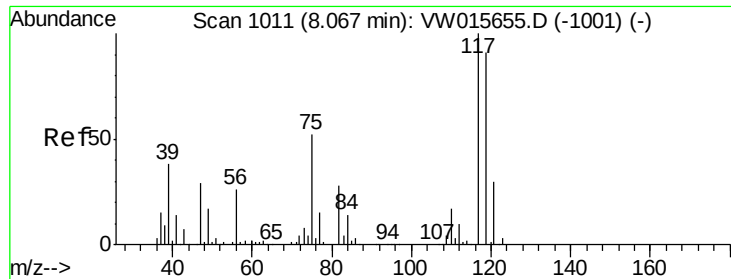
Ion Ratio Lower Upper

75 100

110 8.9 17.0 51.0#

77 0.0 24.6 36.8#

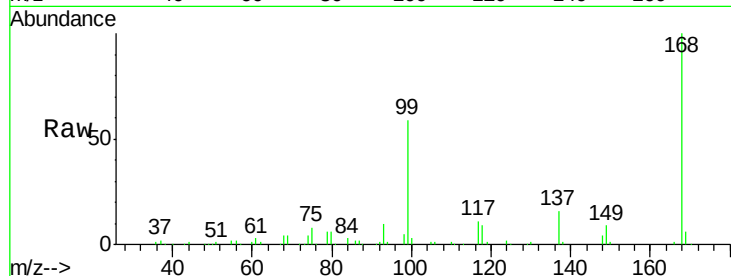




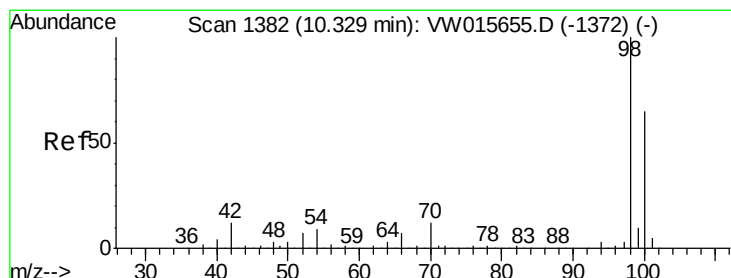
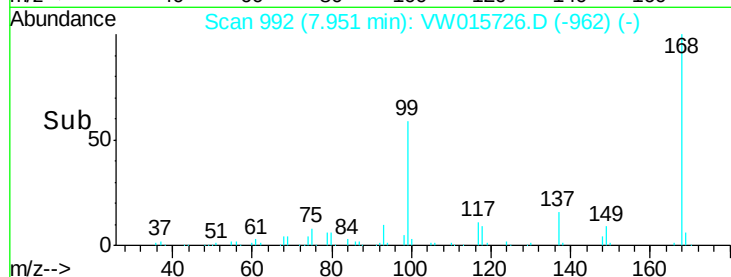
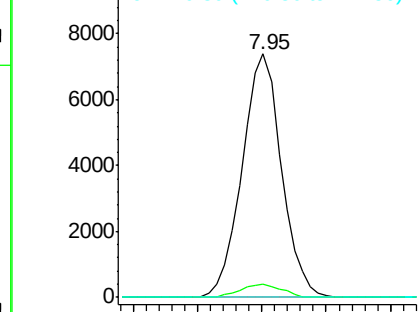
#38
Carbon Tetrachloride
Concen: 6.159 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015726.D
Acq: 25 Jun 2020 14:04

Instrument :
MSVOA_W
ClientSampleId :
EBS8-S-03RE

Tot Ion:117 Resp: 15582
Ion Ratio Lower Upper
117 100
119 5.3 73.2 109.8#
121 0.0 23.9 35.9#

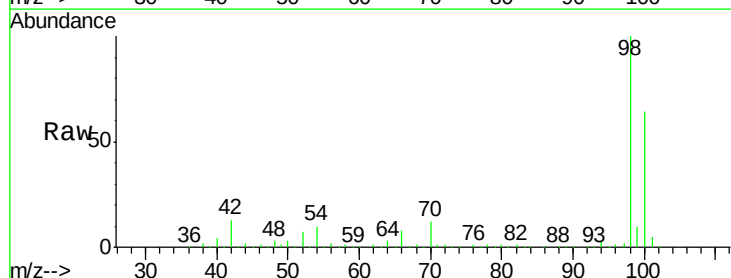


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

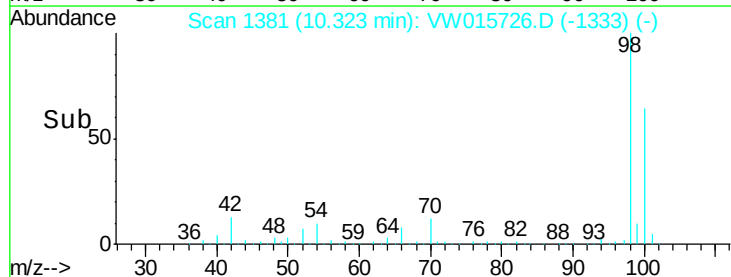
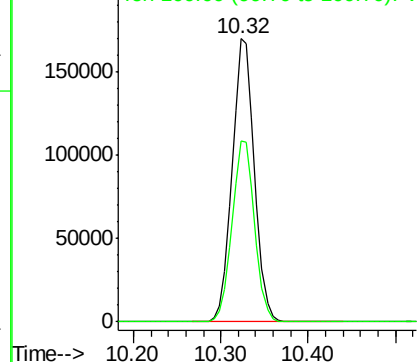


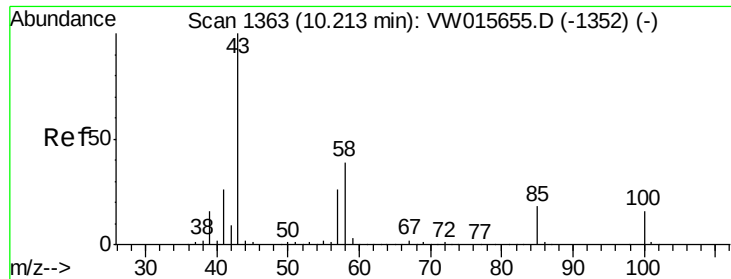
#50
Toluene-d8
Concen: 48.178 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015726.D
Acq: 25 Jun 2020 14:04

Tgt Ion: 98 Resp: 299294
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 1.521 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015726.D

Acq: 25 Jun 2020 14:04

Instrument :

MSVOA_W

ClientSampled :

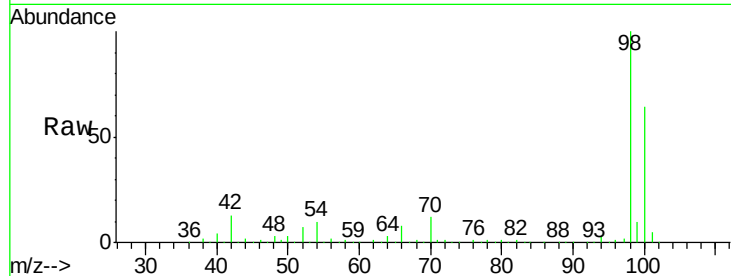
EBS8-S-03RE

Tot Ion: 43 Resp: 1459

Ion Ratio Lower Upper

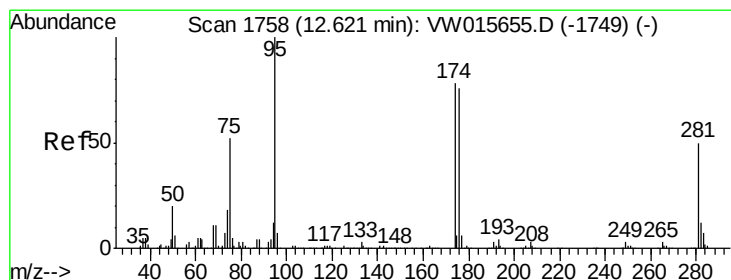
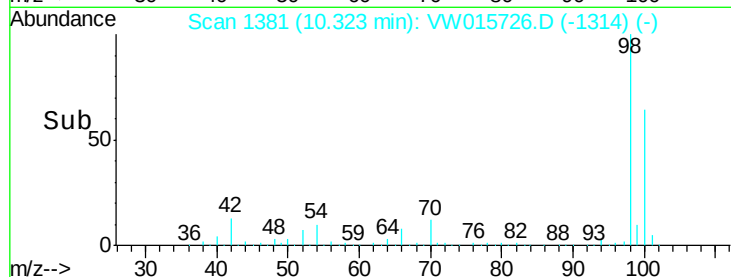
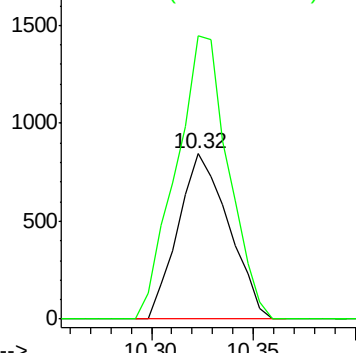
43 100

58 176.5 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 37.362 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015726.D

Acq: 25 Jun 2020 14:04

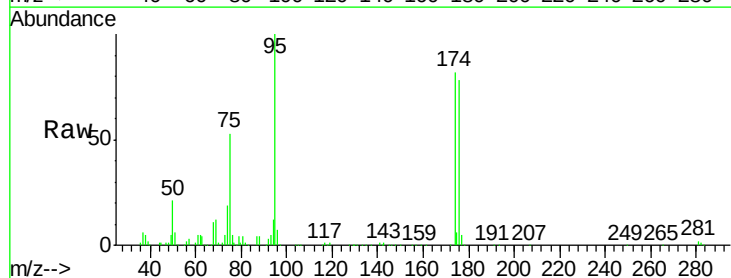
Tgt Ion: 95 Resp: 85476

Ion Ratio Lower Upper

95 100

174 78.7 0.0 157.0

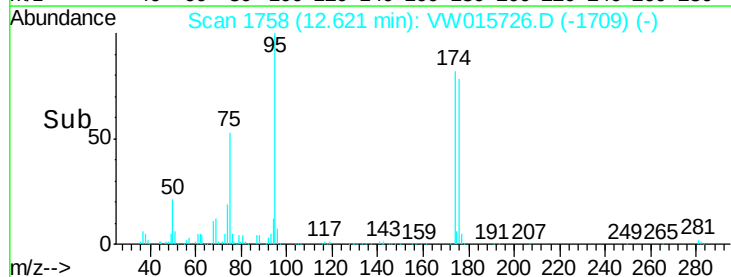
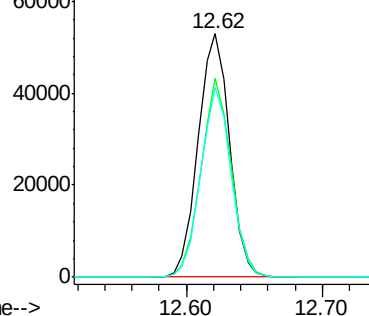
176 75.5 0.0 151.4

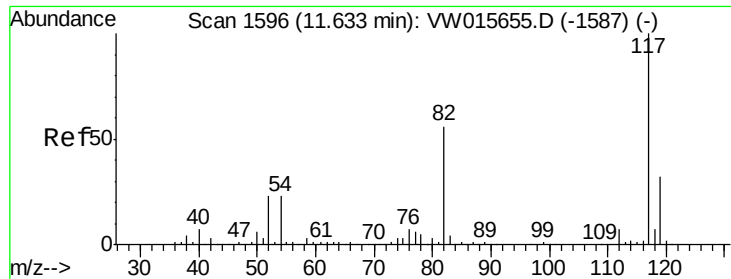


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

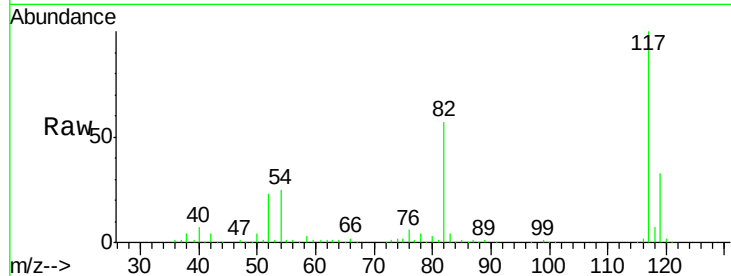




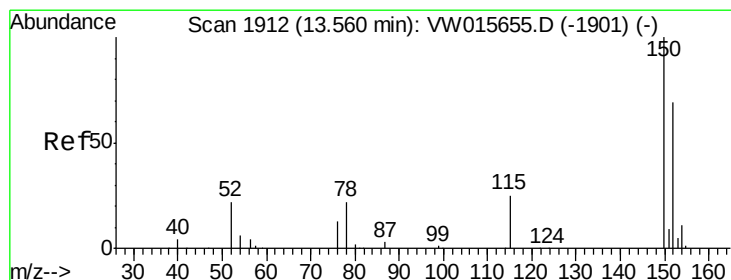
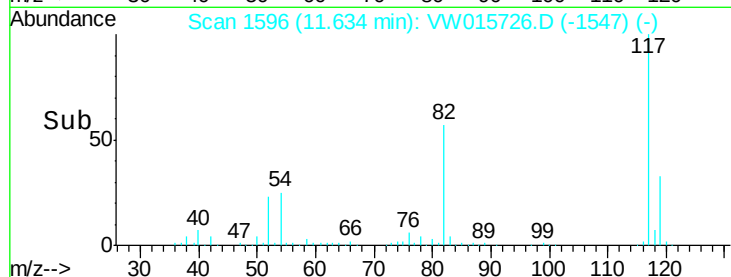
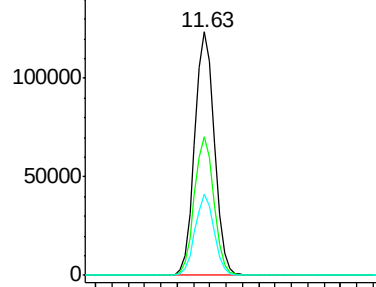
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015726.D
Acq: 25 Jun 2020 14:04

Instrument :
MSVOA_W
ClientSampleId :
EBS8-S-03RE

Tot Ion:117 Resp: 206560
Ion Ratio Lower Upper
117 100
82 56.7 45.1 67.7
119 33.3 25.8 38.8

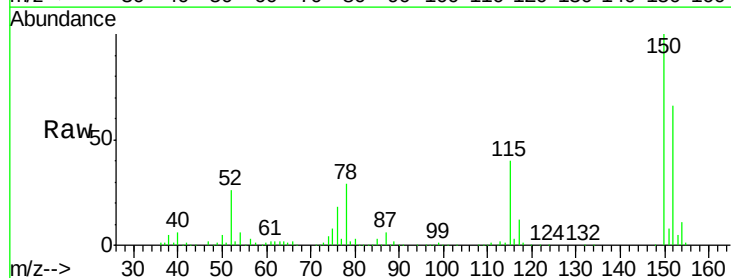


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

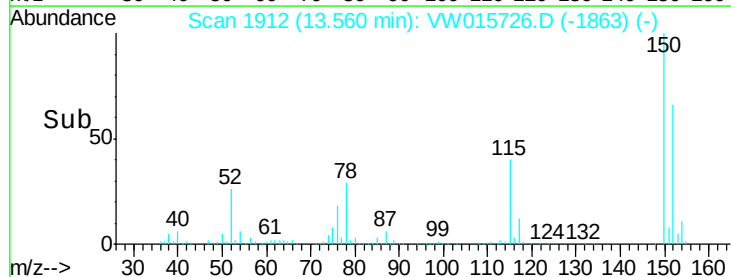
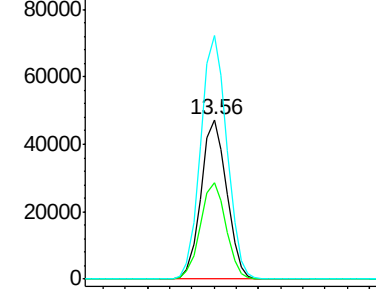


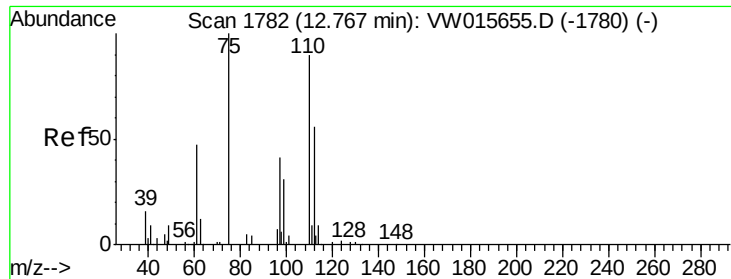
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015726.D
Acq: 25 Jun 2020 14:04

Tgt Ion:152 Resp: 75473
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.5
150 156.0 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: 66.610 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015726.D

Acq: 25 Jun 2020 14:04

Instrument :

MSVOA_W

ClientSampled :

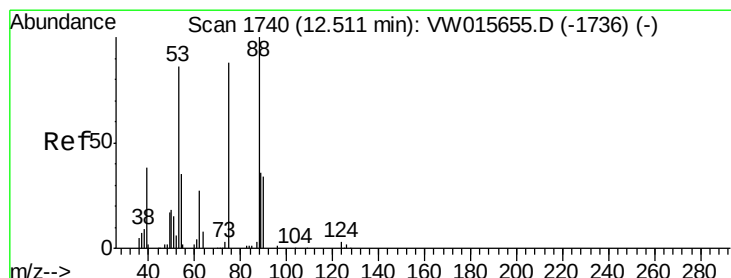
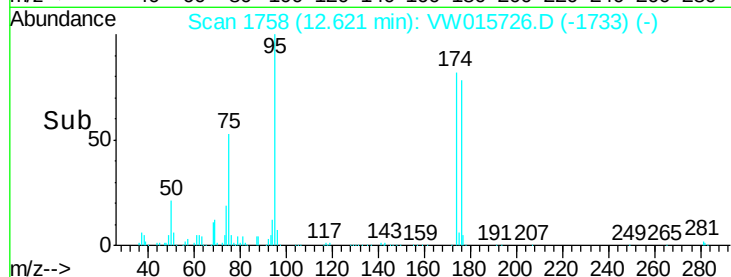
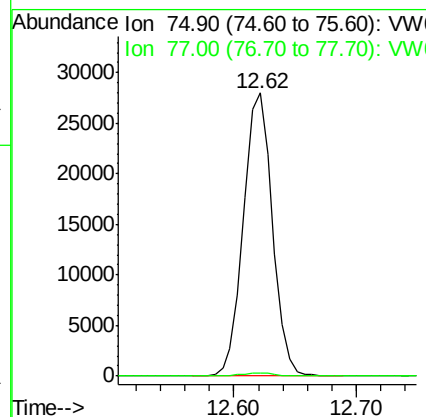
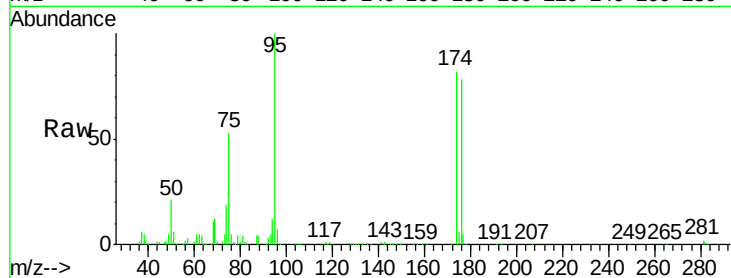
EBS8-S-03RE

Tot Ion: 75 Resp: 45856

Ion Ratio Lower Upper

75 100

77 1.2 179.1 537.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 167.859 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015726.D

Acq: 25 Jun 2020 14:04

Tgt Ion: 75 Resp: 45856

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#

