

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015703.D
 Acq On : 25 Jun 2020 01:03
 Operator : SY/VA
 Sample : L3101-02
 Misc : 4.34G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EBS8-S-02

Quant Time: Jun 25 02:09:11 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	163466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	281510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89548	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	107000	58.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.66%	
35) Dibromofluoromethane	7.88	113	91575	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.32	98	363779	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.62	95	106270	41.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.82%	

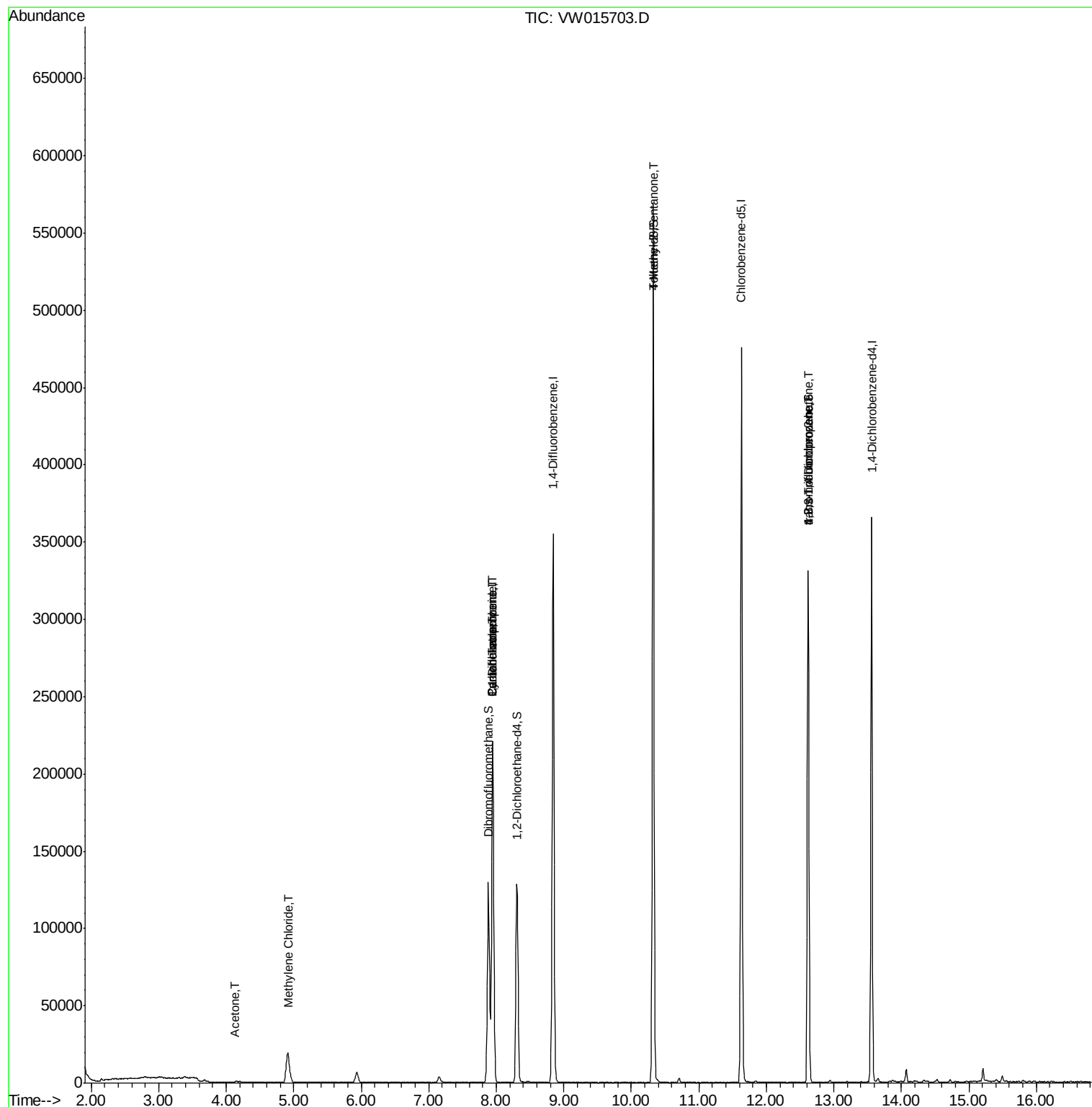
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	1777	5.139	ug/l	92
18) Methyl Acetate	4.69	43	94	Below Cal	#	52
20) Methylene Chloride	4.92	84	16034	5.460	ug/l	94
31) Cyclohexane	7.95	56	4197	1.340	ug/l #	41
36) 1,1-Dichloropropene	7.95	75	13400	4.577	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16423	5.786	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1931	1.795	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	58730	71.901	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	58730	181.194	ug/l #	8

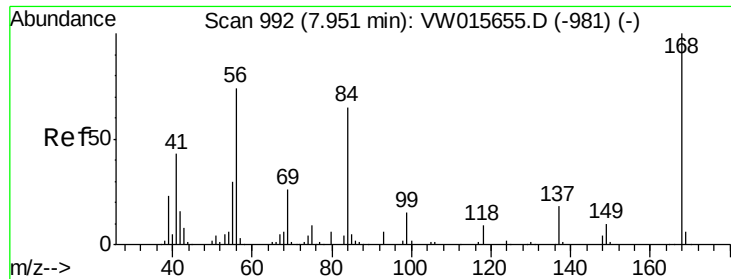
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015703.D

Acq: 25 Jun 2020 01:03

Instrument :

MSVOA_W

ClientSampled :

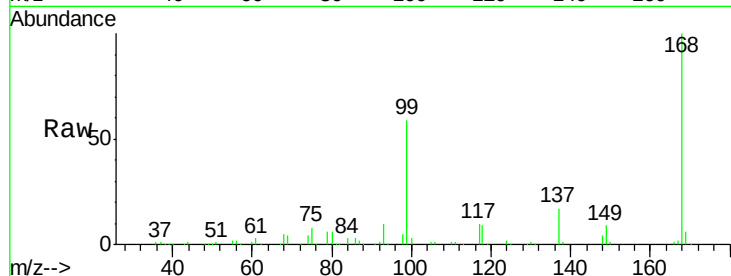
EBS8-S-02

Tgt Ion: 168 Resp: 163466

Ion Ratio Lower Upper

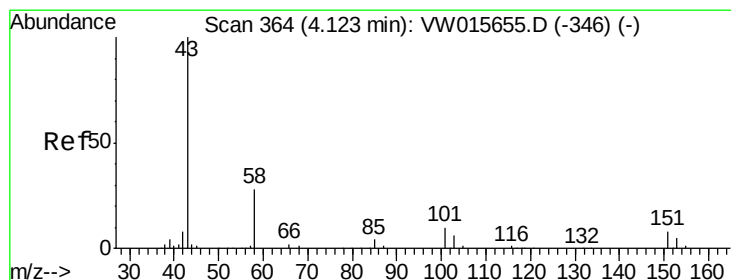
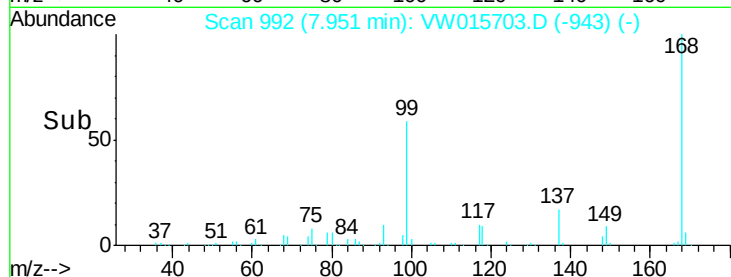
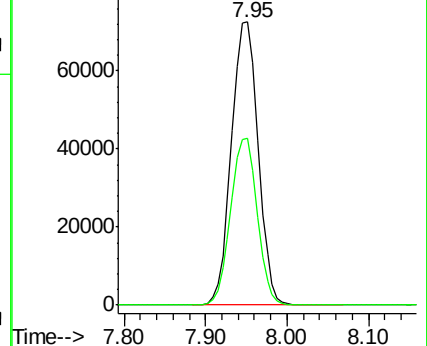
168 100

99 59.0 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 5.139 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015703.D

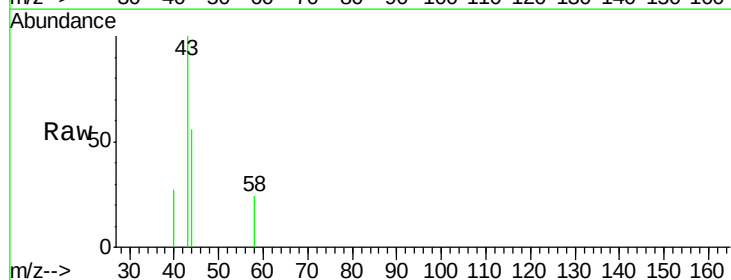
Acq: 25 Jun 2020 01:03

Tgt Ion: 43 Resp: 1777

Ion Ratio Lower Upper

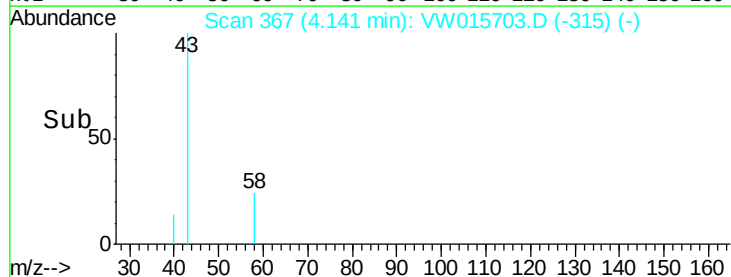
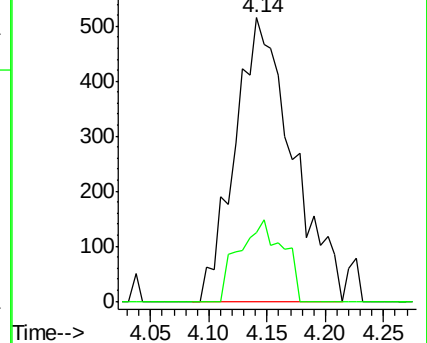
43 100

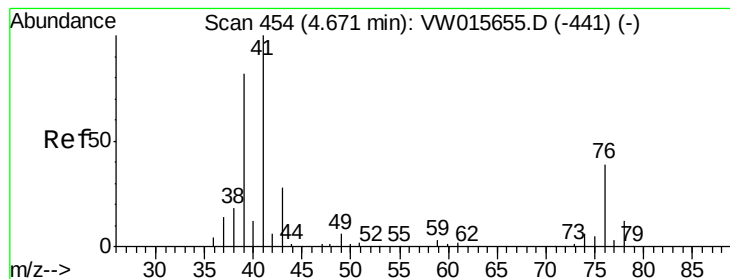
58 24.1 22.6 33.8



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: 4.69 min Scan# 457

Delta R.T. 0.02 min

Lab File: VW015703.D

Acq: 25 Jun 2020 01:03

Instrument :

MSVOA_W

ClientSampleId :

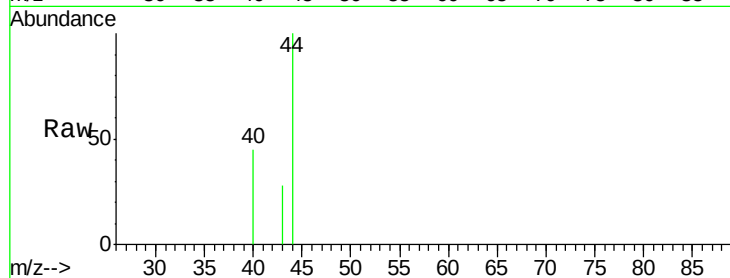
EBS8-S-02

Tgt Ion: 43 Resp: 94

Ion Ratio Lower Upper

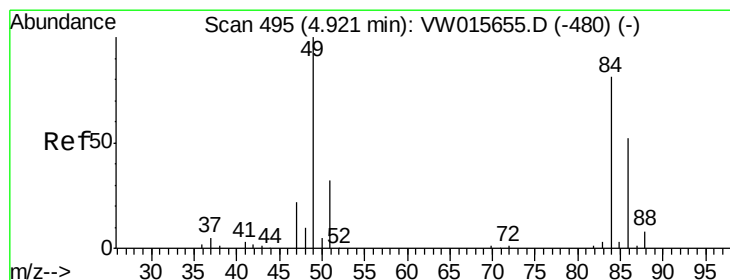
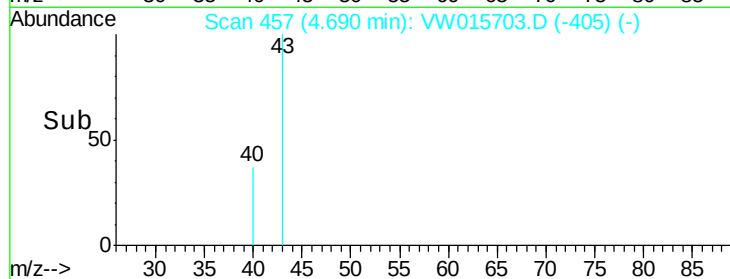
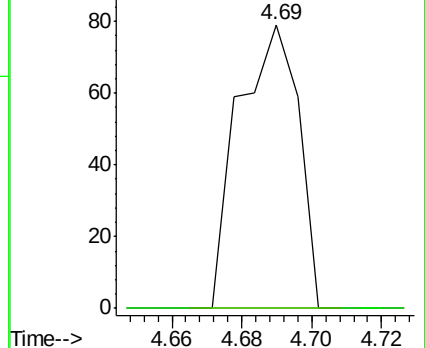
43 100

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: 5.460 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW015703.D

Acq: 25 Jun 2020 01:03

Tgt Ion: 84 Resp: 16034

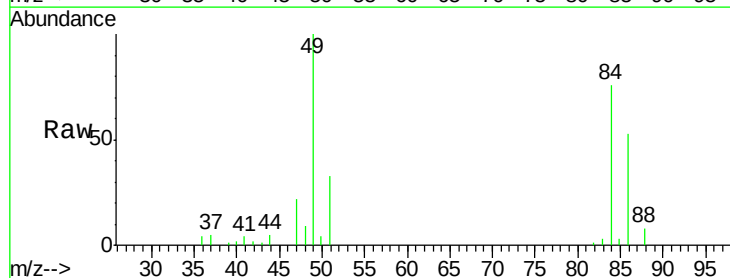
Ion Ratio Lower Upper

84 100

49 131.5 99.3 148.9

51 43.0 31.8 47.6

86 70.0 51.7 77.5

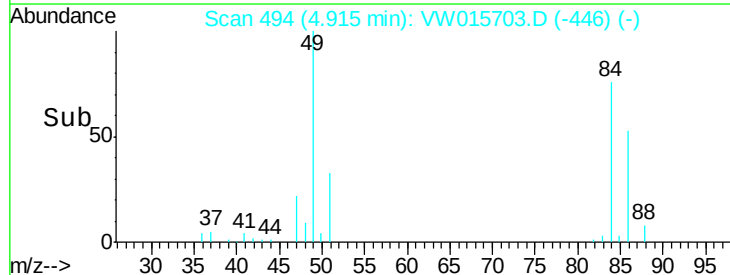
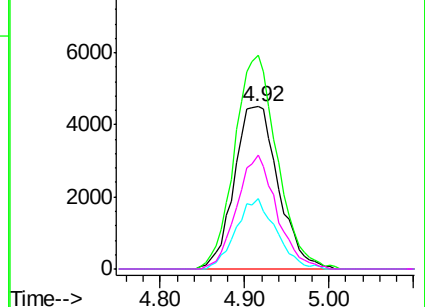


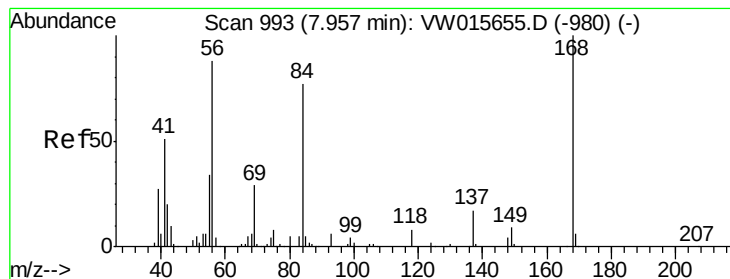
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#31

Cyclohexane

Concen: 1.340 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015703.D

Acq: 25 Jun 2020 01:03

Instrument :

MSVOA_W

ClientSampleId :

EBS8-S-02

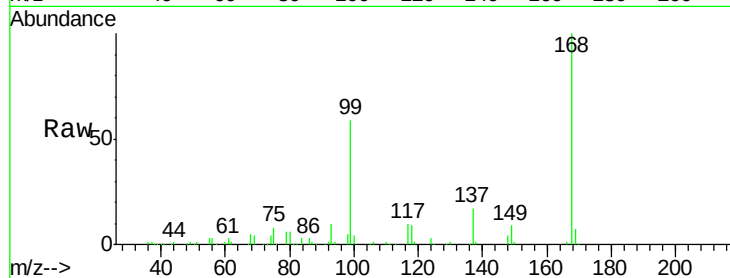
Tgt Ion: 56 Resp: 4197

Ion Ratio Lower Upper

56 100

69 138.4 26.2 39.4#

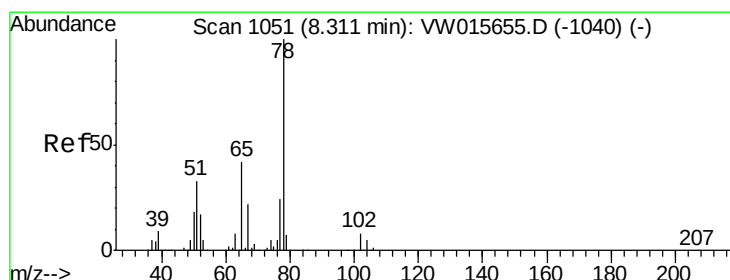
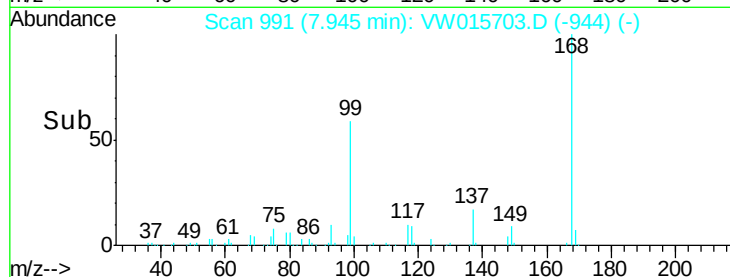
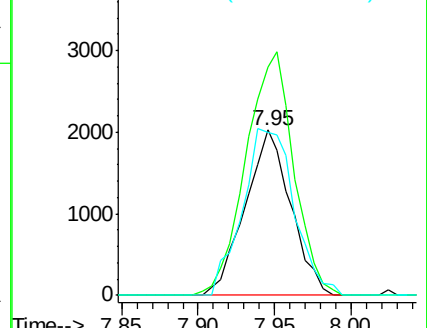
84 98.8 70.4 105.6



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: 58.831 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015703.D

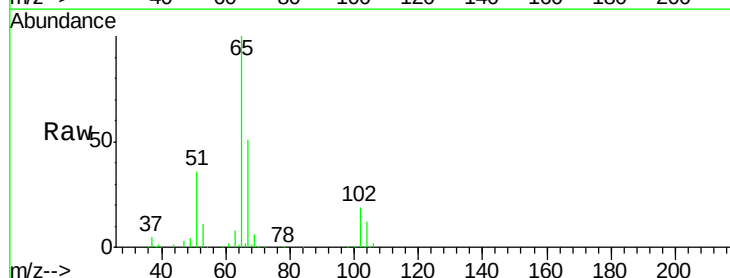
Acq: 25 Jun 2020 01:03

Tgt Ion: 65 Resp: 107000

Ion Ratio Lower Upper

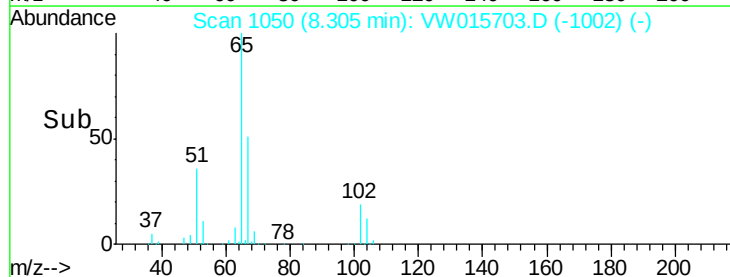
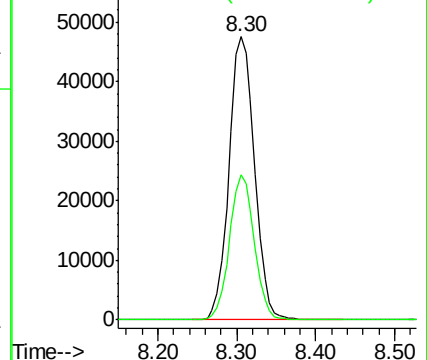
65 100

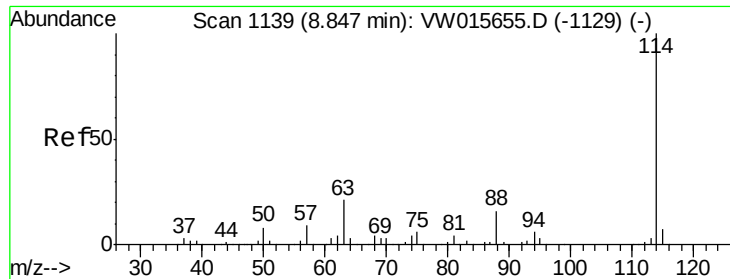
67 49.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

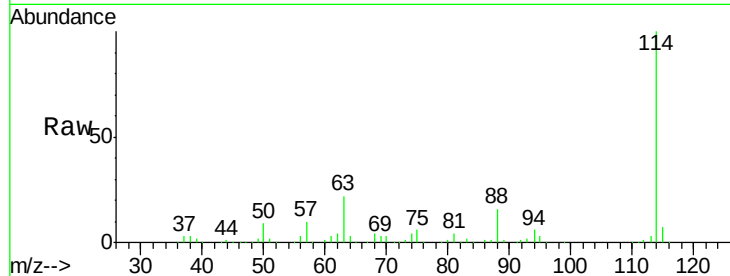




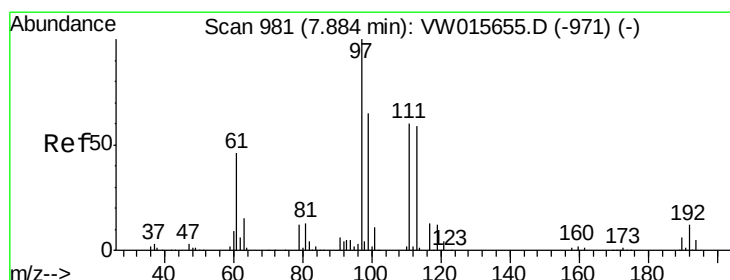
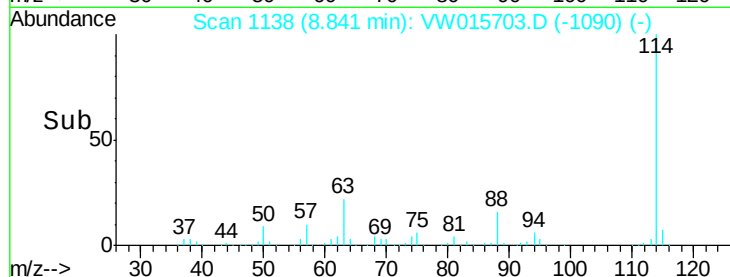
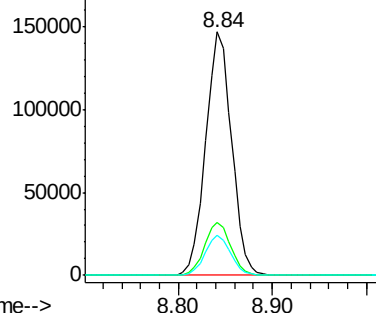
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW015703.D
Acq: 25 Jun 2020 01:03

Instrument :
MSVOA_W
ClientSampleId :
EBS8-S-02

Tgt Ion:114 Resp: 281510
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 16.3 0.0 32.6

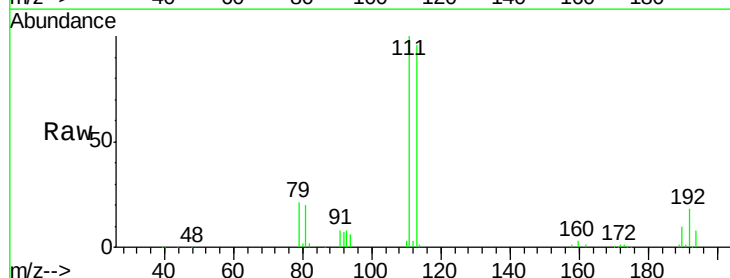


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

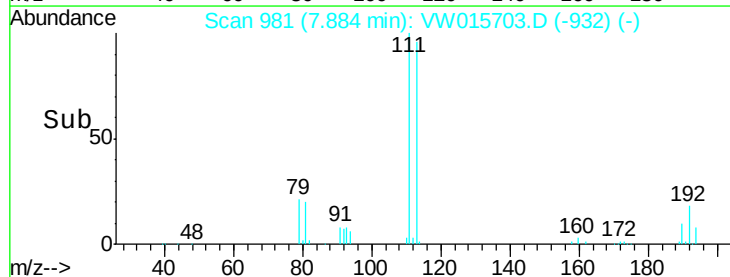
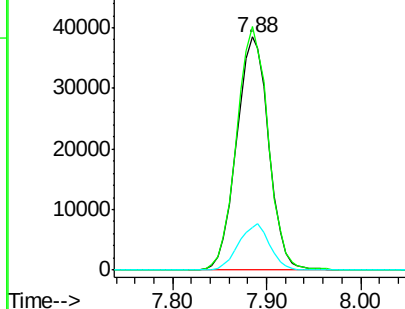


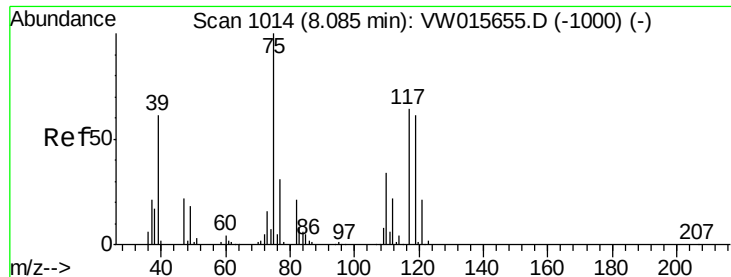
#35
Dibromofluoromethane
Concen: 51.714 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015703.D
Acq: 25 Jun 2020 01:03

Tgt Ion:113 Resp: 91575
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 19.4 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

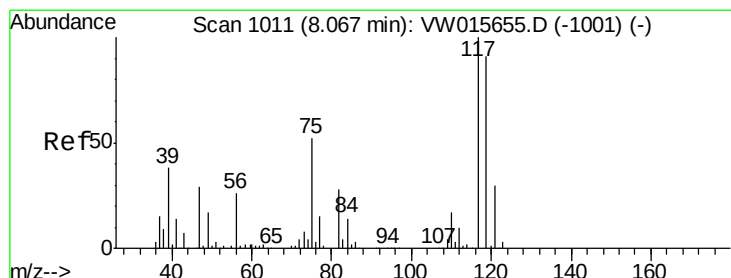
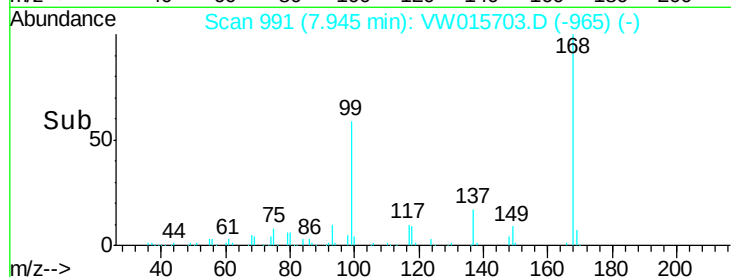
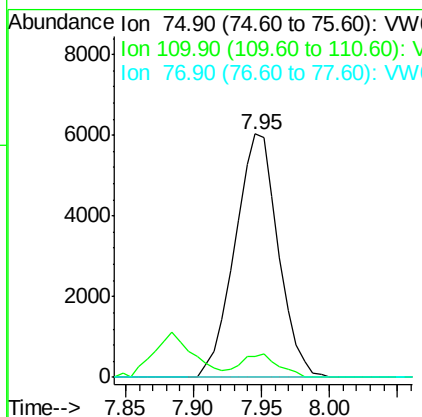
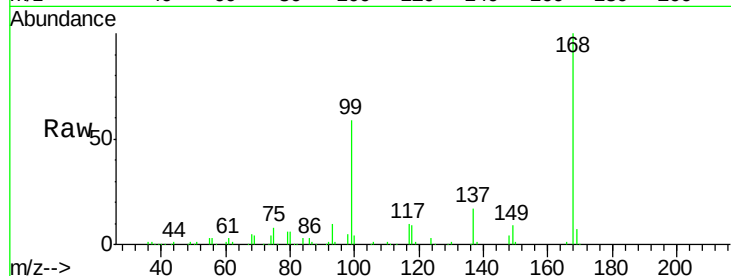




#36
 1,1-Dichloropropene
 Concen: 4.577 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015703.D
 Acq: 25 Jun 2020 01:03

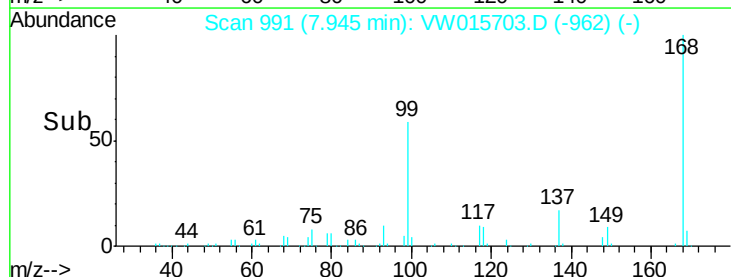
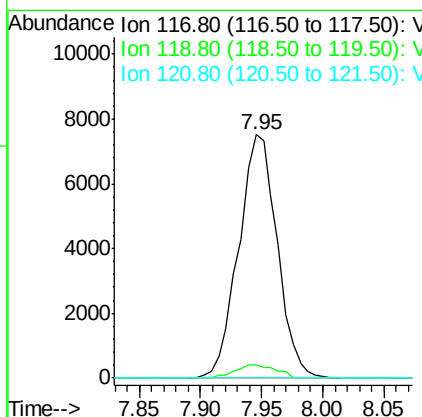
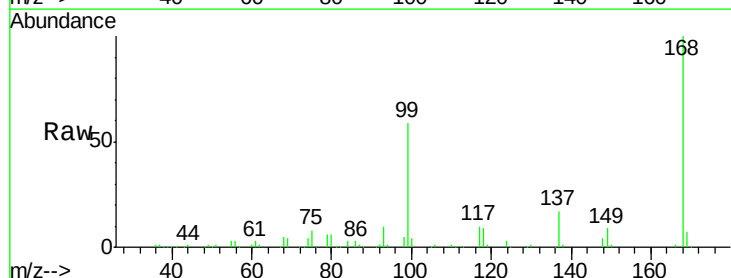
Instrument :
 MSVOA_W
 ClientSampleId :
 EBS8-S-02

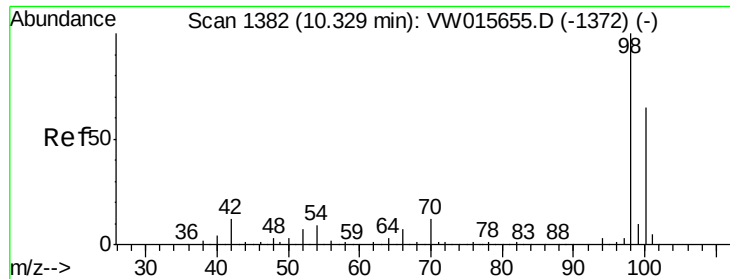
Tgt Ion: 75 Resp: 13400
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.0 51.0#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.786 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW015703.D
 Acq: 25 Jun 2020 01:03

Tgt Ion: 117 Resp: 16423
 Ion Ratio Lower Upper
 117 100
 119 5.4 73.2 109.8#
 121 0.0 23.9 35.9#

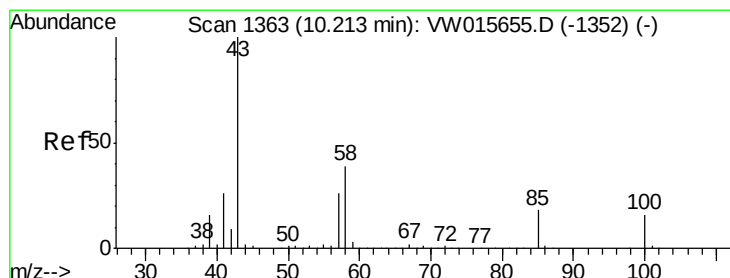
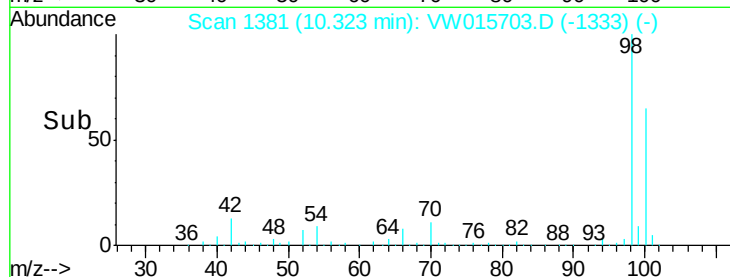
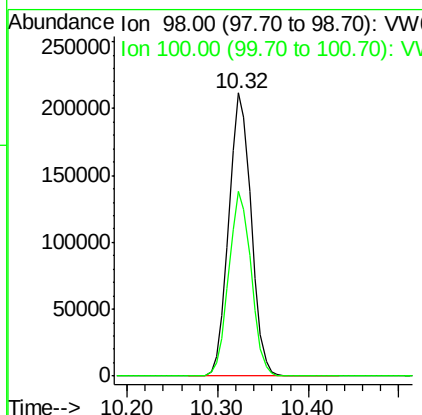
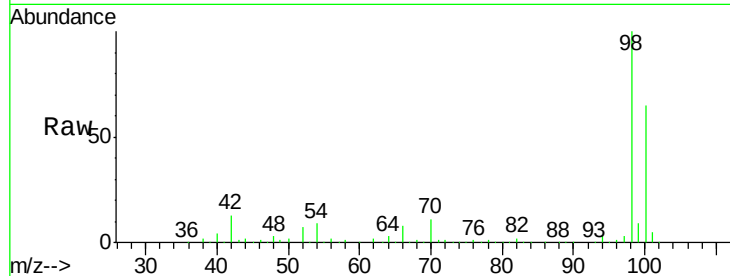




#50
Toluene-d8
Concen: 52.202 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015703.D
Acq: 25 Jun 2020 01:03

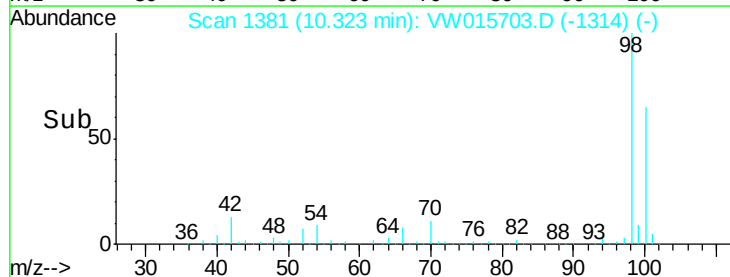
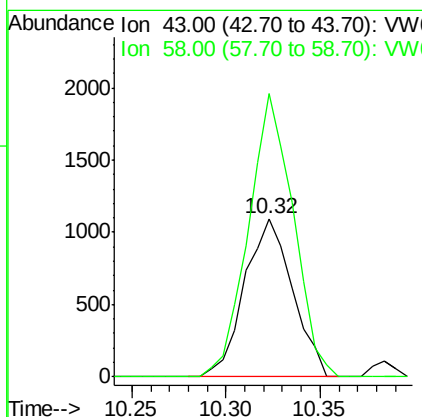
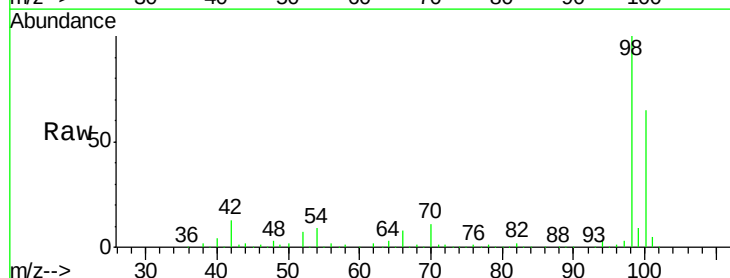
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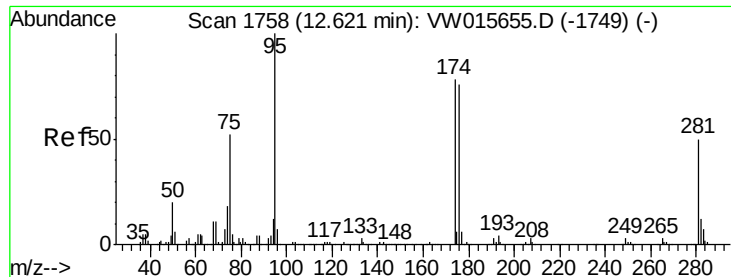
Tgt Ion: 98 Resp: 363779
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 1.795 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW015703.D
Acq: 25 Jun 2020 01:03

Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
58 167.0 31.2 46.8#





#62

4-Bromofluorobenzene

Concen: 41.408 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015703.D

Acq: 25 Jun 2020 01:03

Instrument :

MSVOA_W

ClientSampleId :

EBS8-S-02

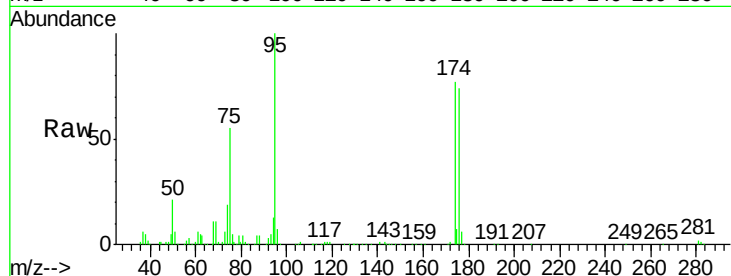
Tgt Ion: 95 Resp: 106270

Ion Ratio Lower Upper

95 100

174 76.8 0.0 157.0

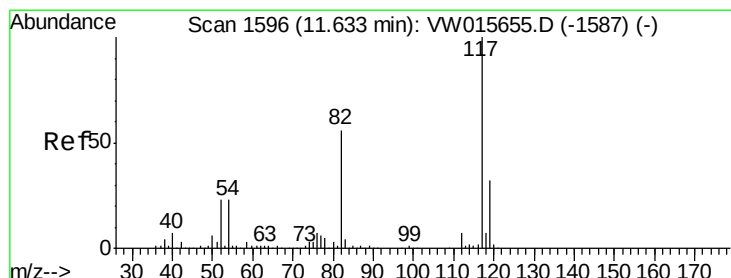
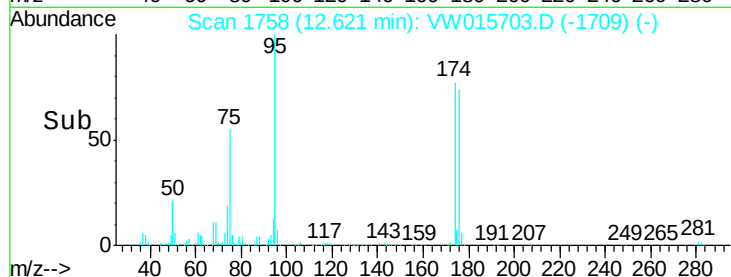
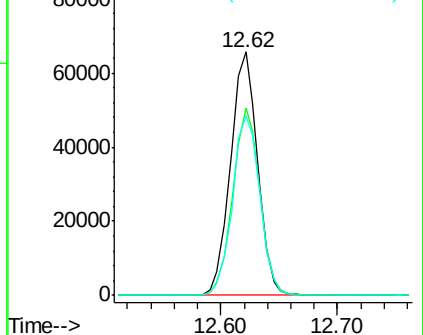
176 74.9 0.0 151.4



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: VW015703.D

Acq: 25 Jun 2020 01:03

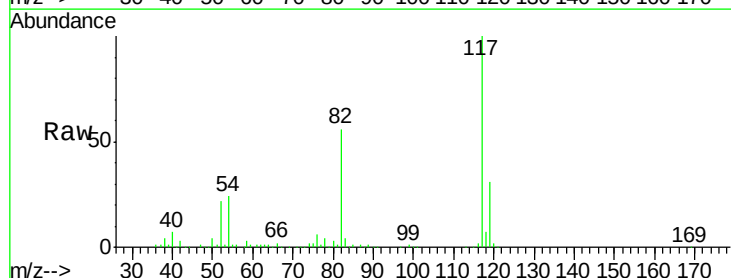
Tgt Ion: 117 Resp: 255759

Ion Ratio Lower Upper

117 100

82 56.3 45.1 67.7

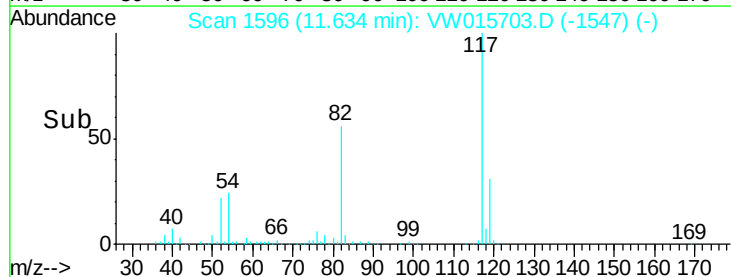
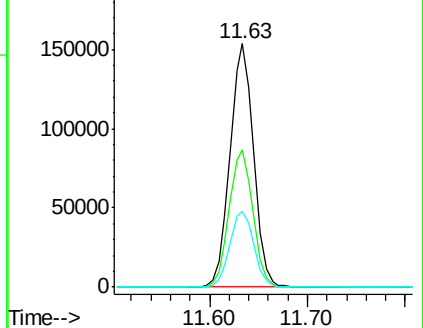
119 31.0 25.8 38.8

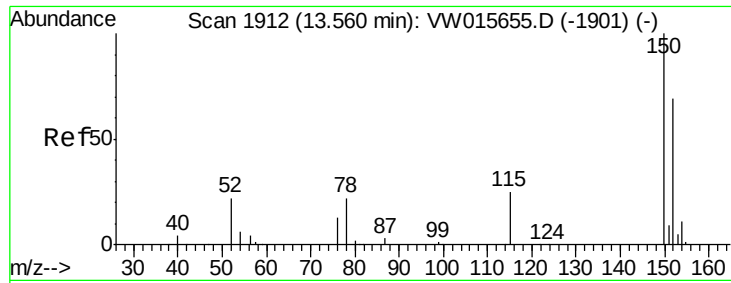


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW015703.D

Acq: 25 Jun 2020 01:03

Instrument :

MSVOA_W

ClientSampleId :

EBS8-S-02

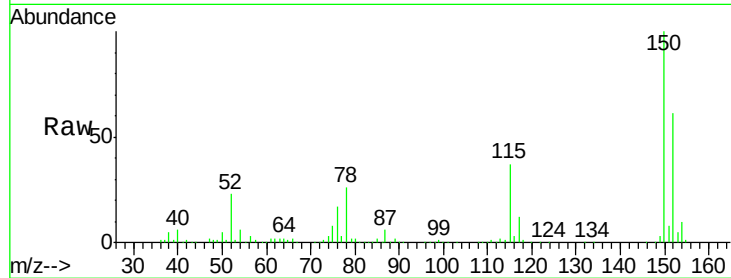
Tgt Ion:152 Resp: 89548

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

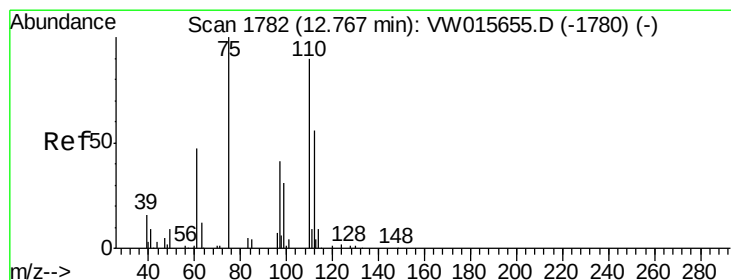
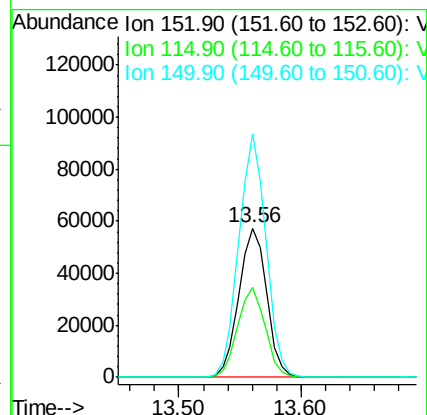
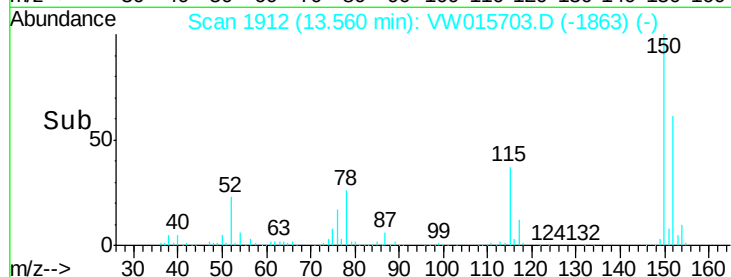
150 160.1 0.0 345.6



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: 71.901 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015703.D

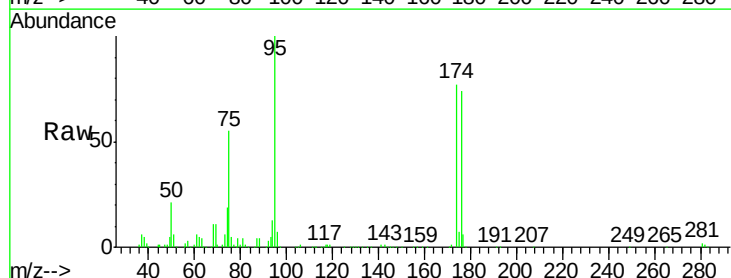
Acq: 25 Jun 2020 01:03

Tgt Ion: 75 Resp: 58730

Ion Ratio Lower Upper

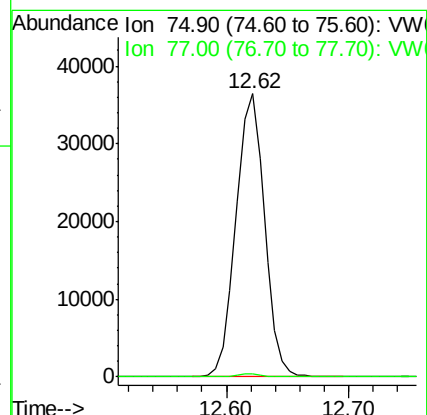
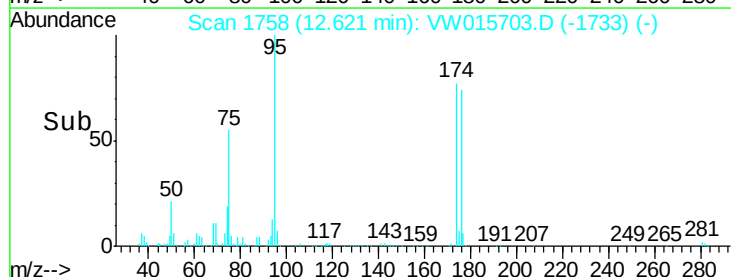
75 100

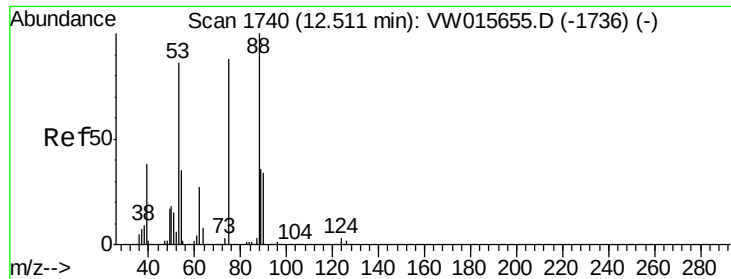
77 1.0 179.1 537.1#



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: 181.194 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015703.D

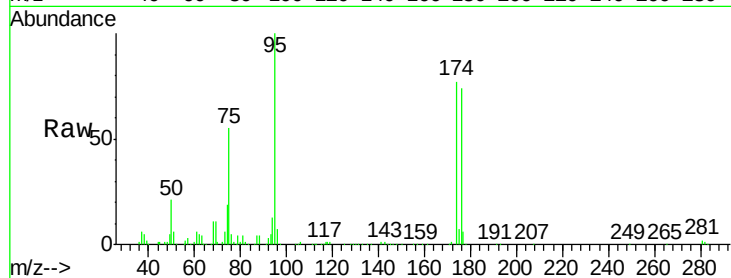
Acq: 25 Jun 2020 01:03

Instrument :

MSVOA_W

ClientSampleId :

EBS8-S-02



Tgt Ion:	75	Resp:	58730
Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.8	125.8#
89	0.0	36.6	55.0#

