

Data File : VW010587.D
Acq On : 29 May 2019 13:29
Operator : SY/VA
Sample : K3072-03
Misc : 6.09G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Quant Time: May 30 08:30:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

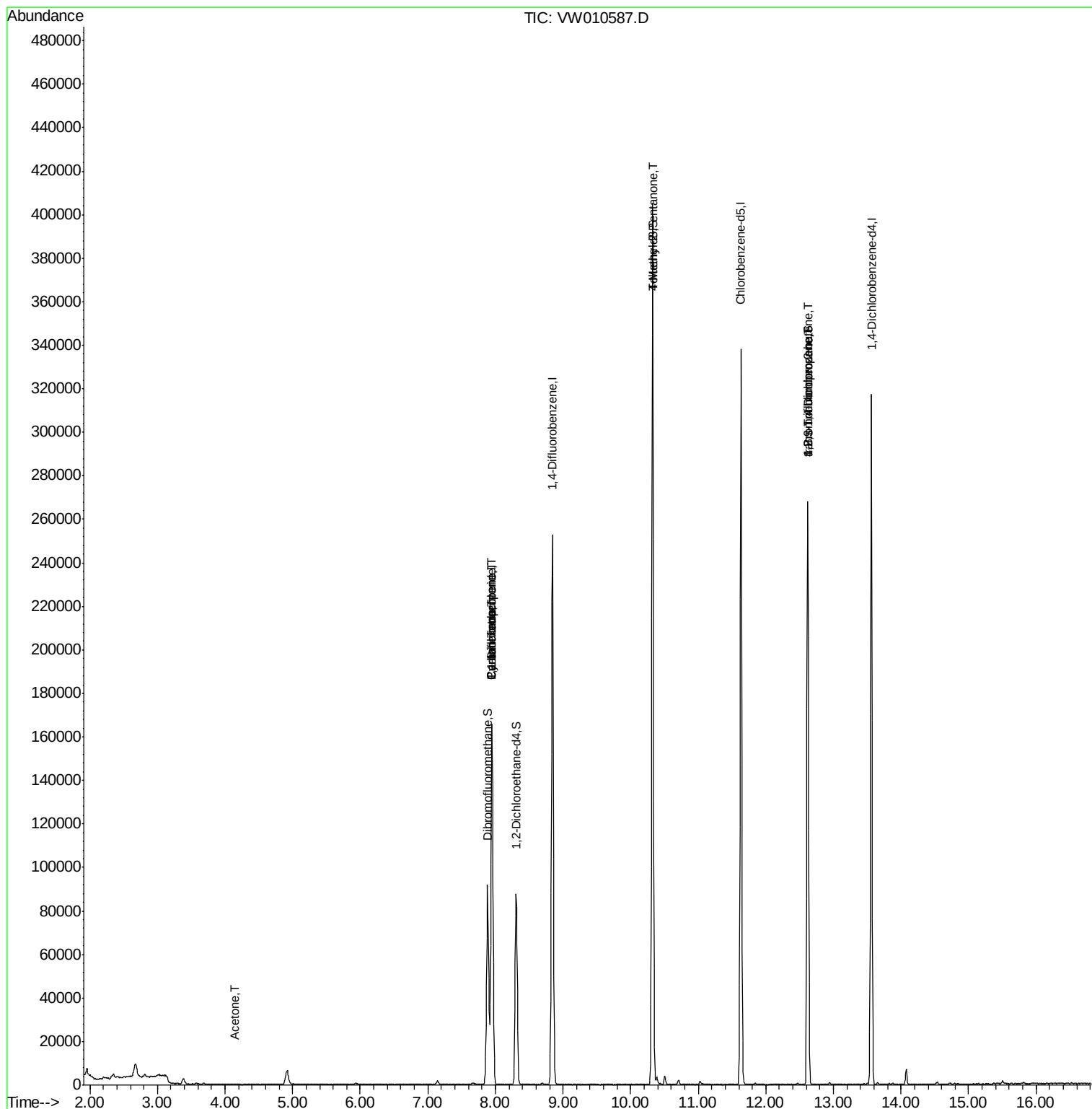
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	227669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	199345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68842	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	7.88	113	67551	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.32	98	275589	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.62	95	98826	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	523	1.967	ug/l #	41
20) Methylene Chloride	4.92	84	5433	Below Cal		95
31) Cyclohexane	7.95	56	2485	1.005	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	9353	4.410	ug/l #	48
38) Carbon Tetrachloride	7.95	117	13200	5.770	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1060	1.161	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	46174	53.781	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	46174	112.243	ug/l #	14

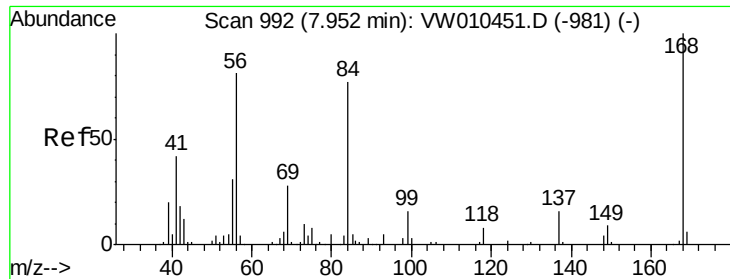
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010587.D

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Instrument :

MSVOA_W

ClientSampleId :

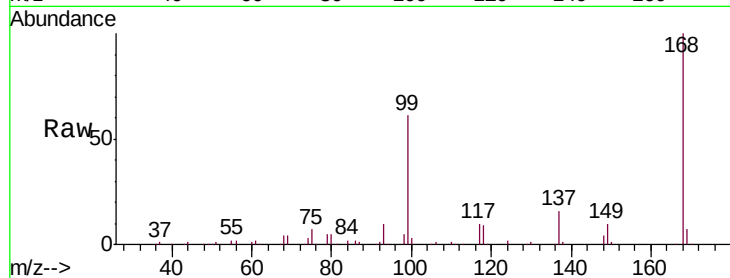
BFB

Tgt Ion: 168 Resp: 126189

Ion Ratio Lower Upper

168 100

99 61.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

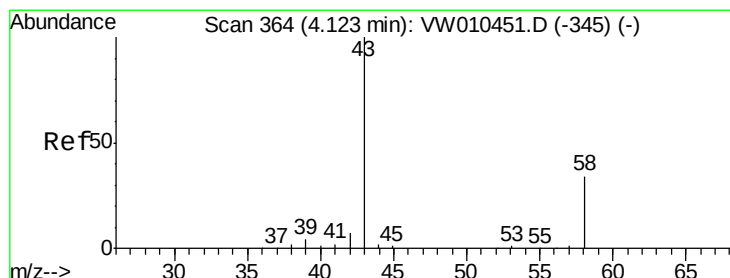
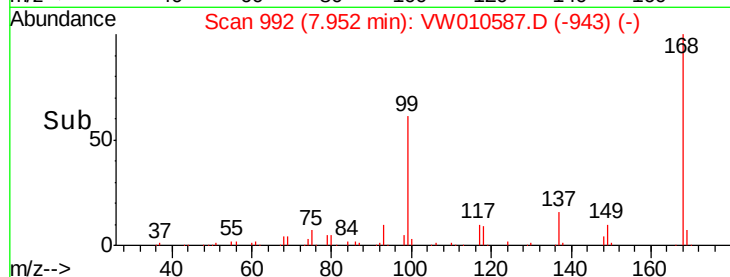
20000

10000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 1.967 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW010587.D

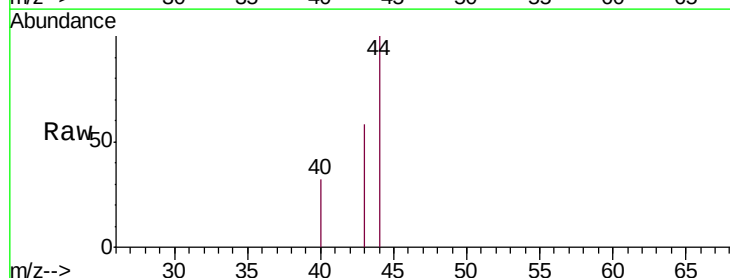
Acq: 29 May 2019 13:29

Tgt Ion: 43 Resp: 523

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

150

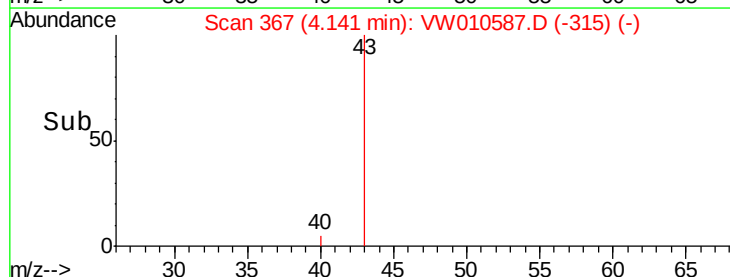
100

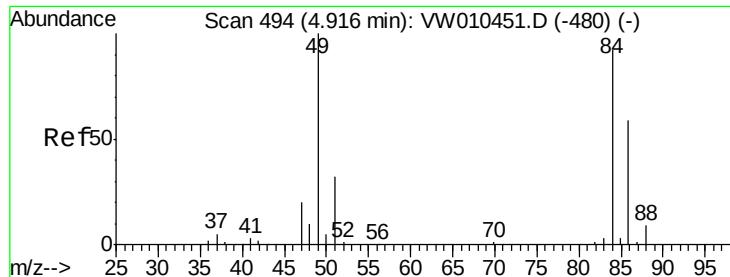
50

0

4.10 4.15 4.20

Time-->

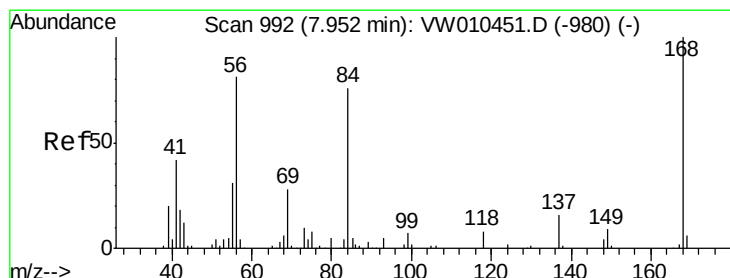
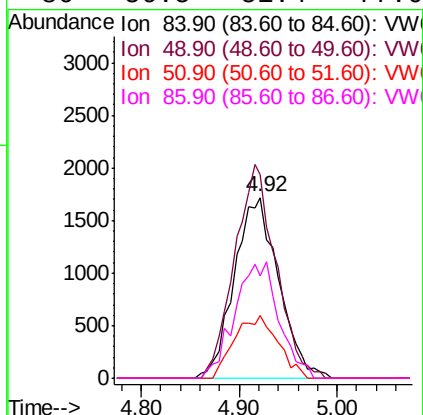
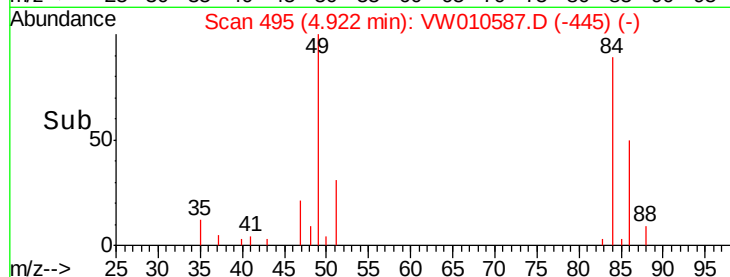
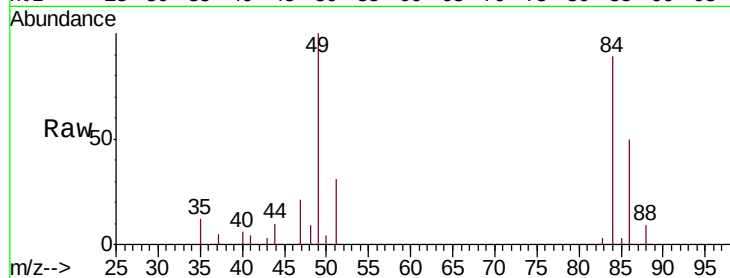




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010587.D
Acq: 29 May 2019 13:29

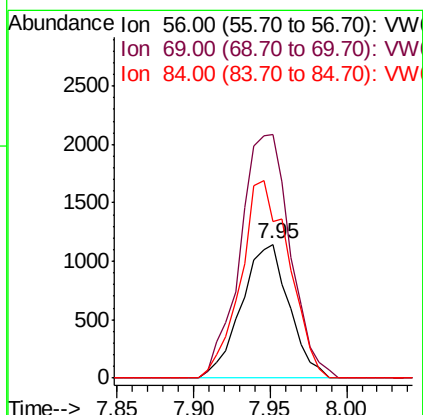
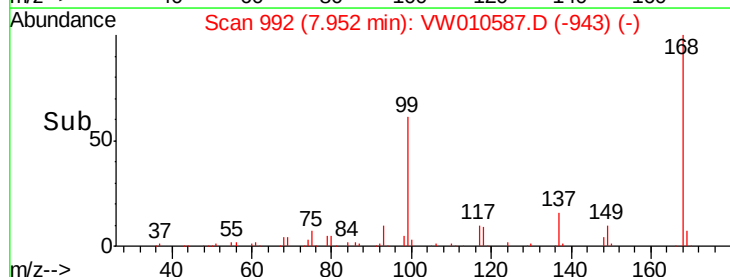
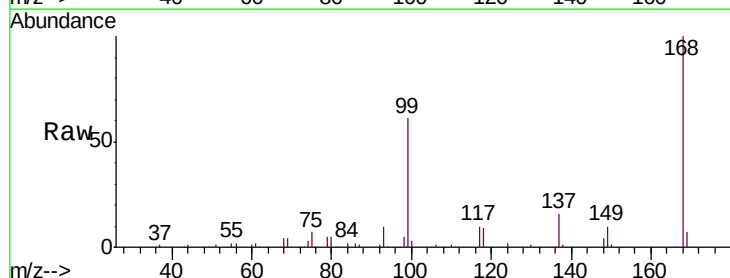
Instrument :
MSVOA_W
ClientSampleId :
BFB

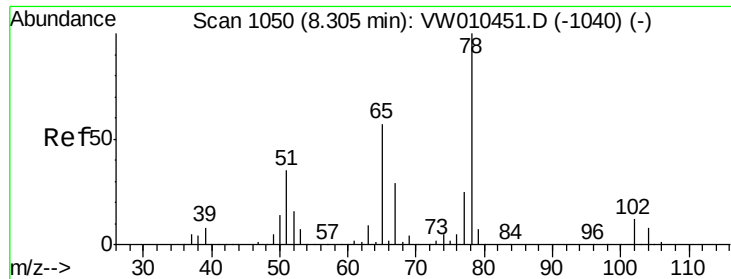
Tgt Ion:	84	Resp:	5433
Ion	Ratio	Lower	Upper
84	100		
49	112.1	87.2	130.8
51	34.9	27.7	41.5
86	56.5	51.4	77.0



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010587.D
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Tgt Ion:	56	Resp:	2485
Ion	Ratio	Lower	Upper
56	100		
69	182.3	28.2	42.2#
84	117.1	75.8	113.8#

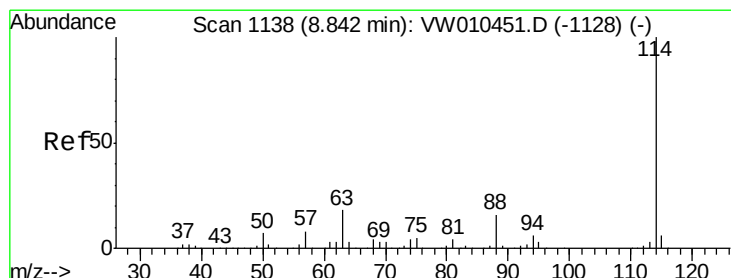
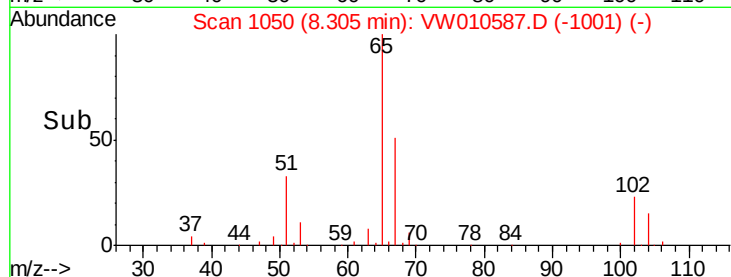
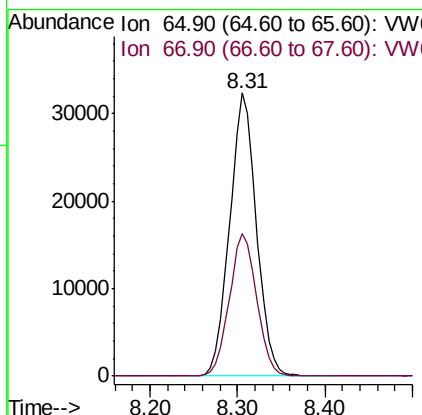
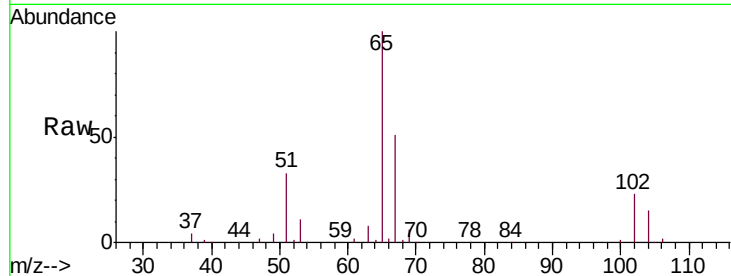




#33
 1,2-Dichloroethane-d4
 Concen: 52.854 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010587.D
 Acq: 29 May 2019 13:29

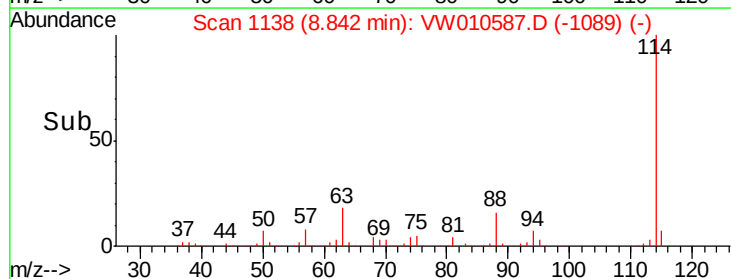
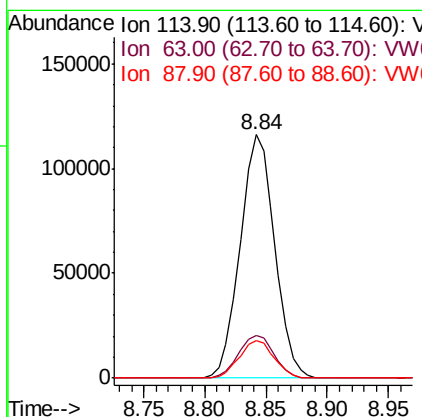
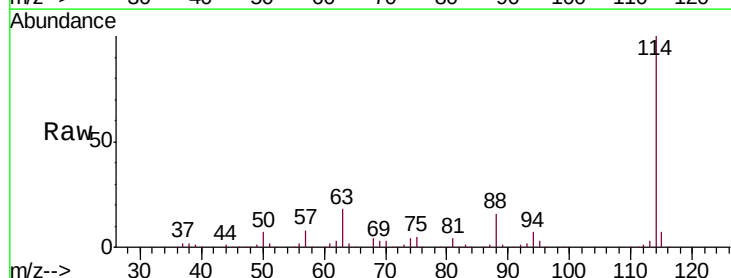
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

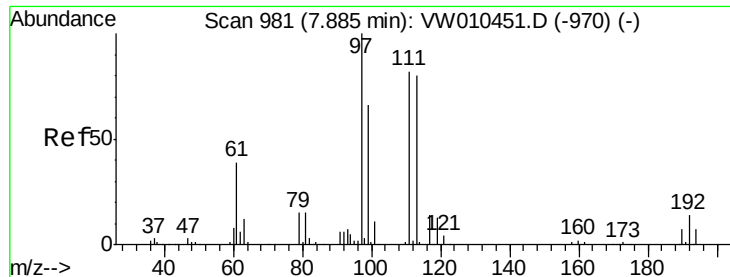
Tgt Ion: 65 Resp: 68842
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010587.D
 Acq: 29 May 2019 13:29

Tgt Ion: 114 Resp: 227669
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.0
 88 15.5 0.0 32.0

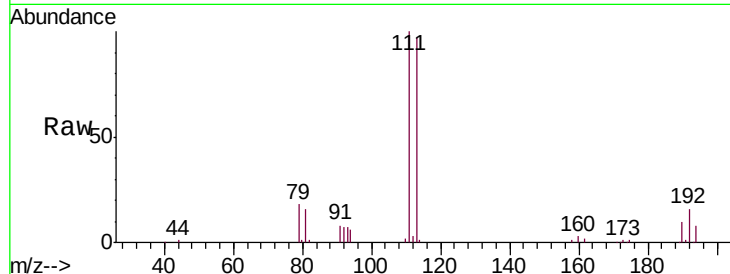




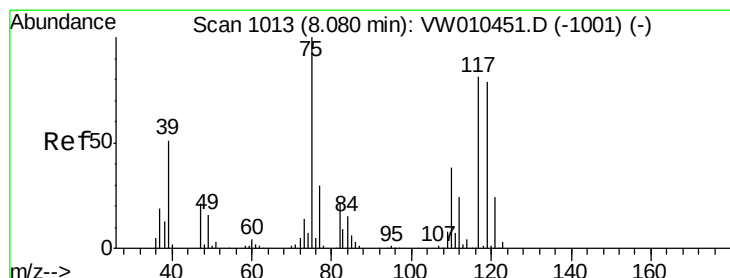
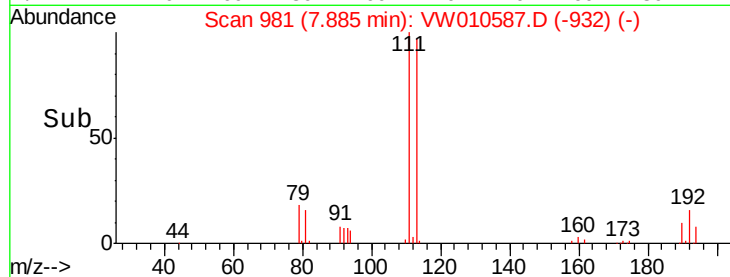
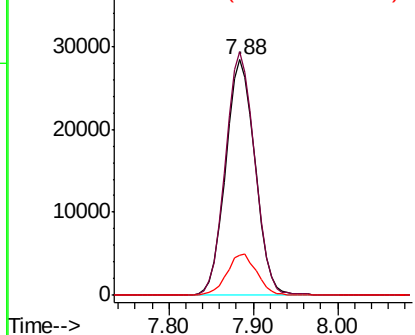
#35
 Dibromofluoromethane
 Concen: 48.899 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010587.D
 Acq: 29 May 2019 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion:113 Resp: 67551
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 17.6 14.3 21.5

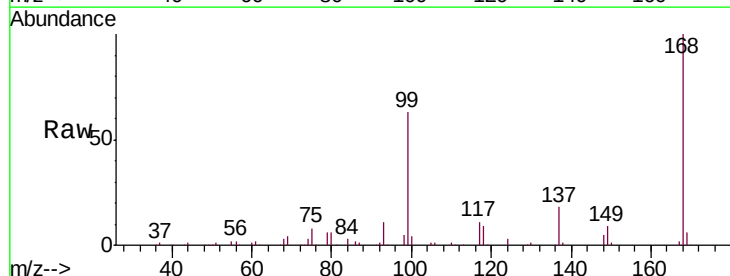


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

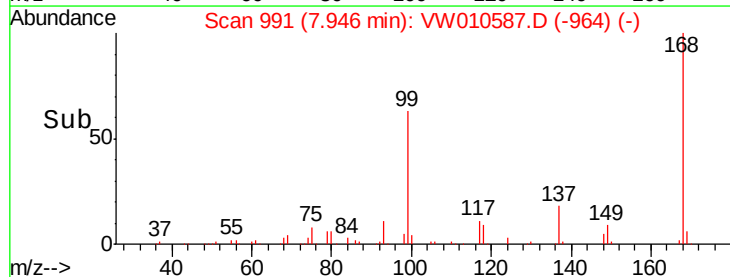
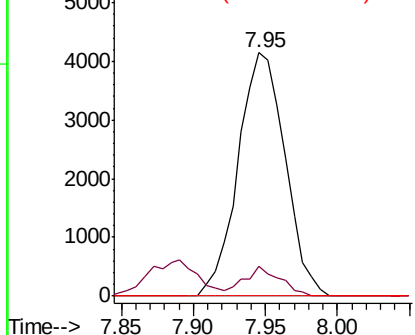


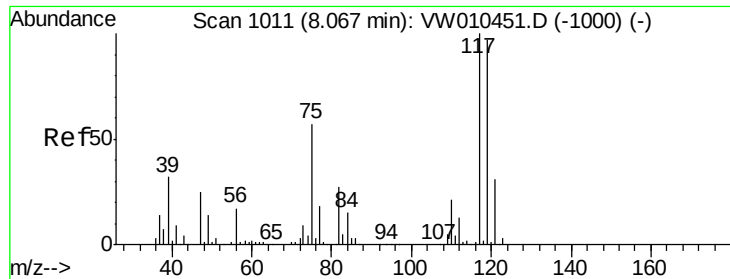
#36
 1,1-Dichloropropene
 Concen: 4.410 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010587.D
 Acq: 29 May 2019 13:29

Tgt Ion: 75 Resp: 9353
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.2 57.6#
 77 0.0 25.2 37.8#



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

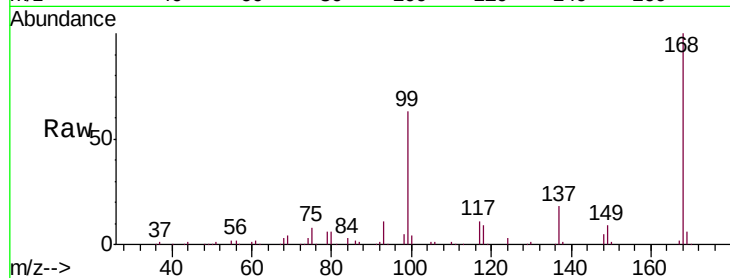




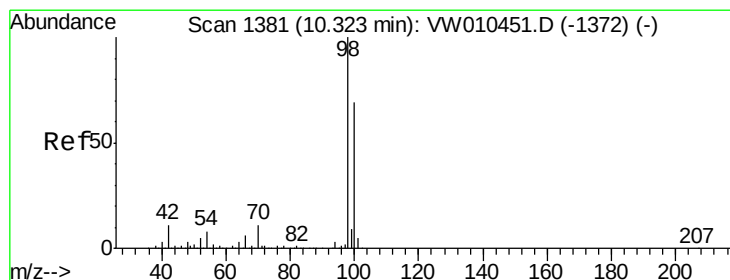
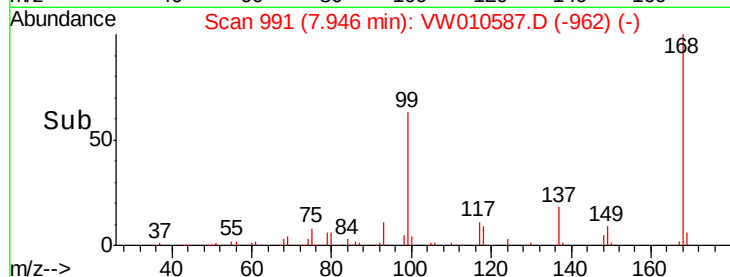
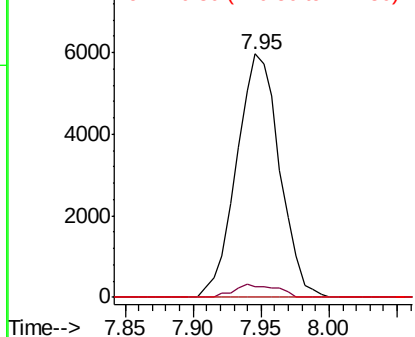
#38
Carbon Tetrachloride
Concen: 5.770 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010587.D
Acq: 29 May 2019 13:29

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion: 117 Resp: 13200
Ion Ratio Lower Upper
117 100
119 4.2 77.4 116.0#
121 0.0 25.0 37.6#

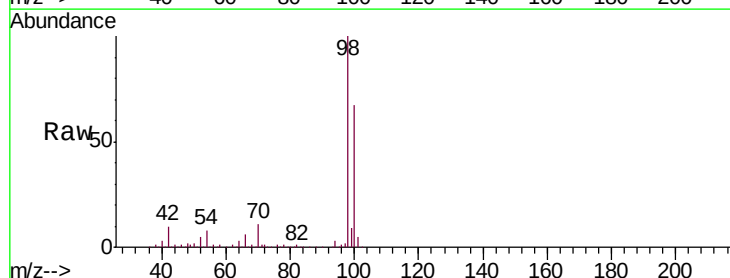


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

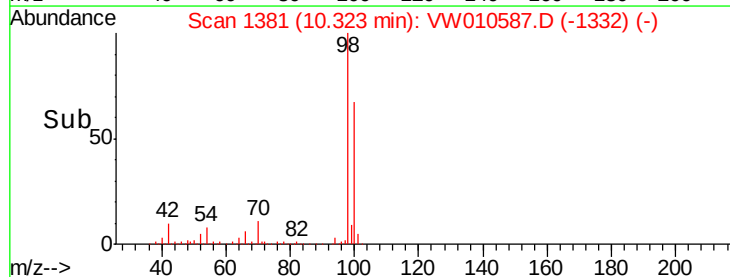
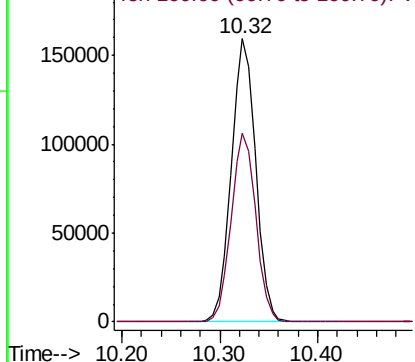


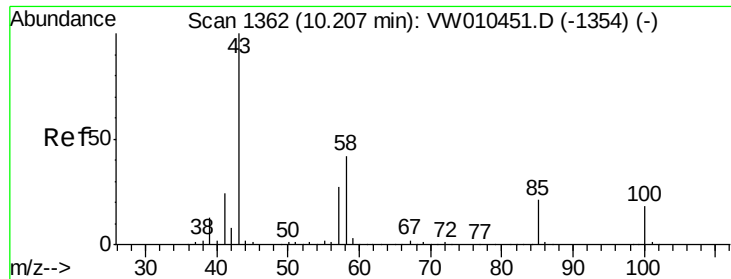
#50
Toluene-d8
Concen: 52.220 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010587.D
Acq: 29 May 2019 13:29

Tgt Ion: 98 Resp: 275589
Ion Ratio Lower Upper
98 100
100 67.2 53.7 80.5



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: 1.161 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW010587.D

Acq: 29 May 2019 13:29

Instrument :

MSVOA_W

ClientSampled :

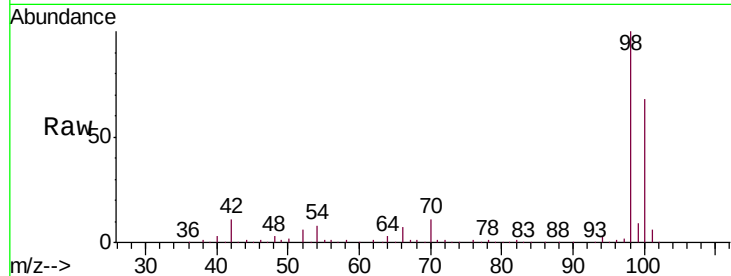
BFB

Tgt Ion: 43 Resp: 1060

Ion Ratio Lower Upper

43 100

58 197.7 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1500

1000

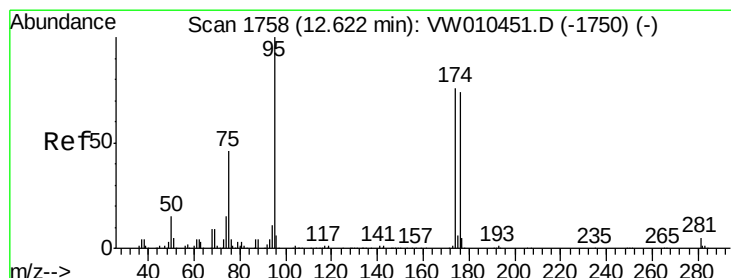
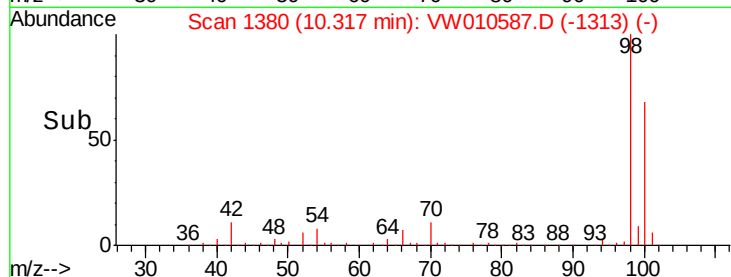
500

0

10.32

10.35

Time-->



#62

4-Bromofluorobenzene

Concen: 47.013 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010587.D

Acq: 29 May 2019 13:29

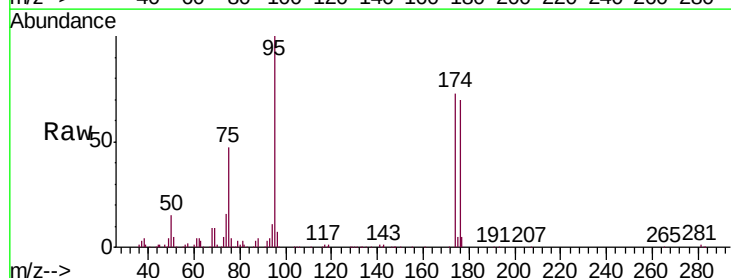
Tgt Ion: 95 Resp: 98826

Ion Ratio Lower Upper

95 100

174 72.2 0.0 148.6

176 69.4 0.0 144.2



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

80000

60000

40000

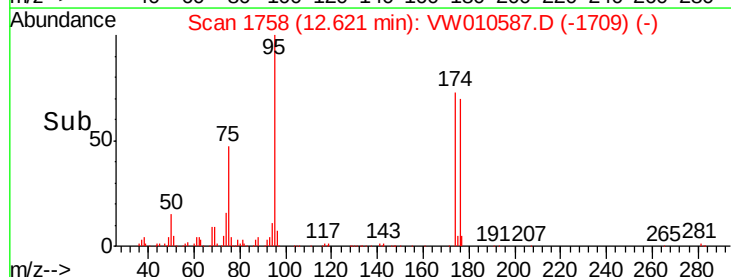
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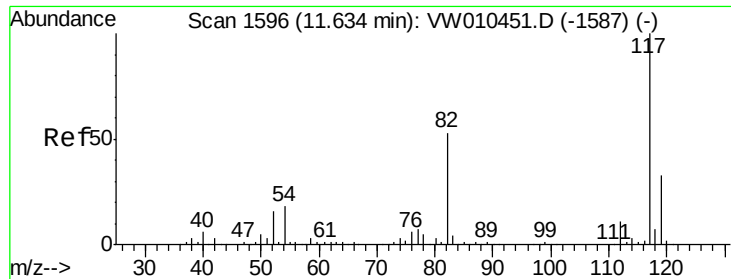
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12.62

12.70

Time-->

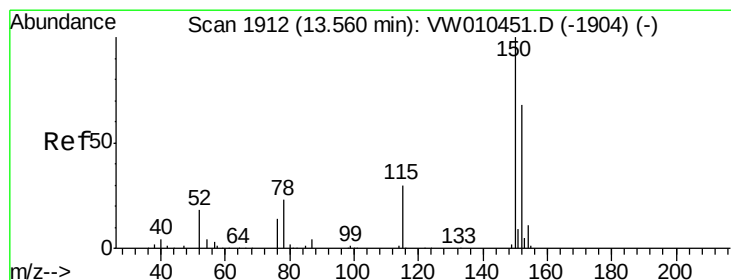
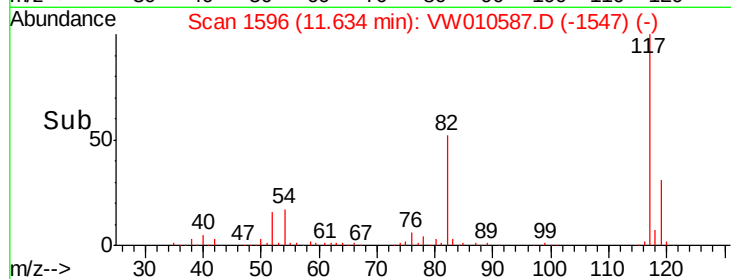
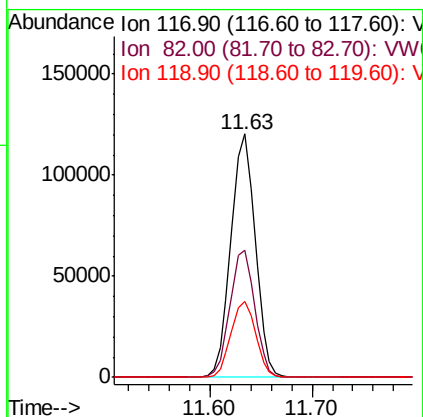
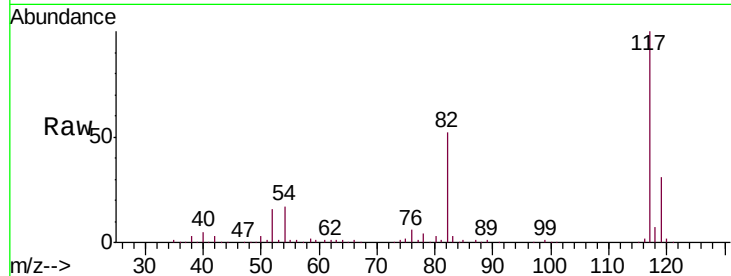




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010587.D
Acq: 29 May 2019 13:29

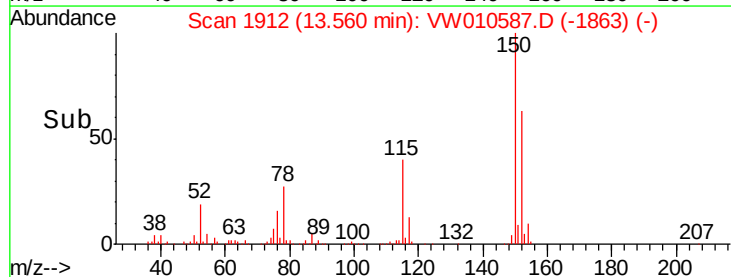
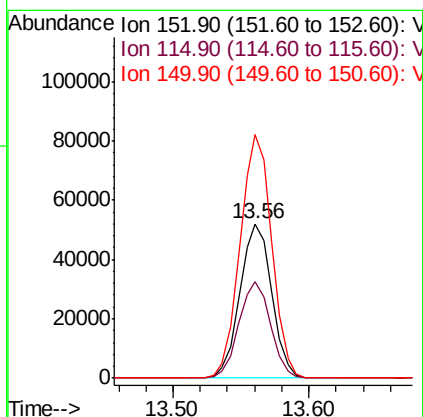
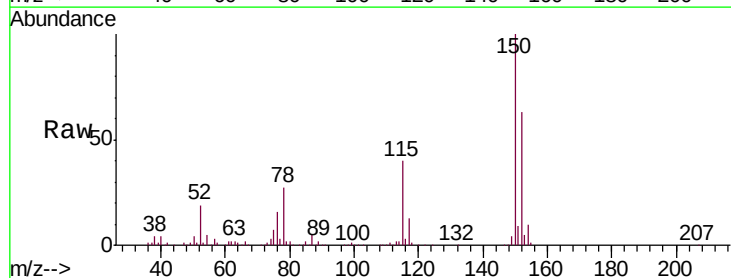
Instrument :
MSVOA_W
ClientSampleId :
BFB

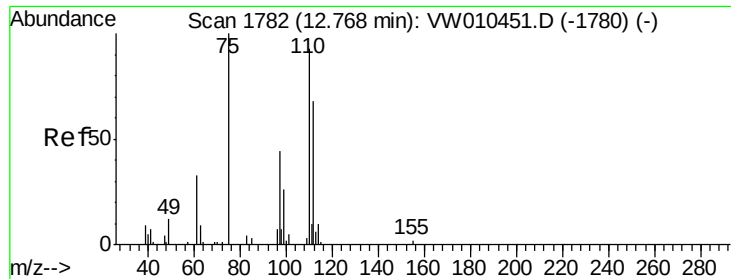
Tgt Ion:117 Resp: 199345
Ion Ratio Lower Upper
117 100
82 52.1 42.8 64.2
119 31.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010587.D
Acq: 29 May 2019 13:29

Tgt Ion:152 Resp: 84581
Ion Ratio Lower Upper
152 100
115 62.7 30.3 91.0
150 157.5 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 53.781 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010587.D

Acq: 29 May 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

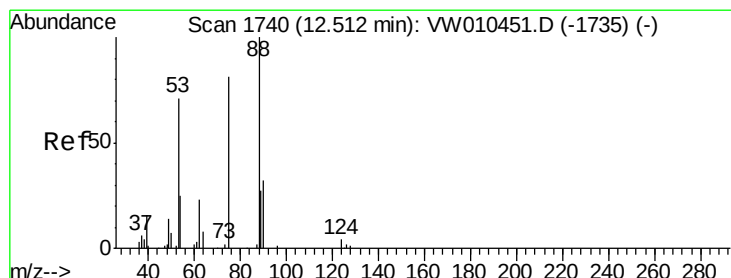
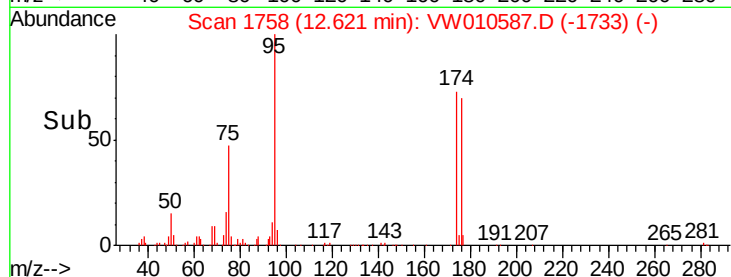
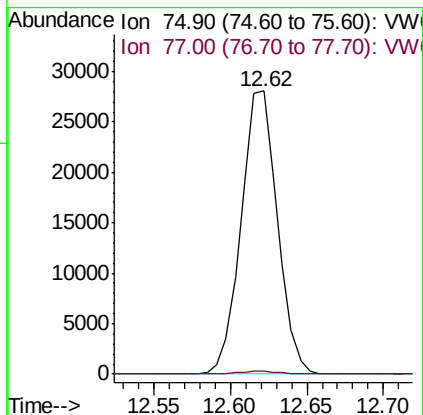
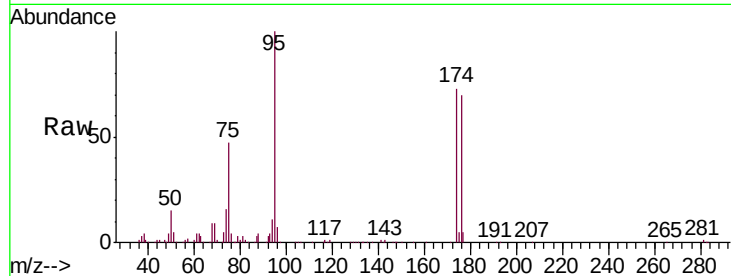
BFB

Tgt Ion: 75 Resp: 46174

Ion Ratio Lower Upper

75 100

77 1.2 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.243 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010587.D

Acq: 29 May 2019 13:29

Tgt Ion: 75 Resp: 46174

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

