

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010748.D
 Acq On : 10 Jun 2019 16:36
 Operator : SY/VA
 Sample : K3273-08
 Misc : 5.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5 9.5-10.0 060719

Quant Time: Jun 11 05:26:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138182	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	141090	61.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.50%	
35) Dibromofluoromethane	7.88	113	103134	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
50) Toluene-d8	10.32	98	449576	55.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.20%	
62) 4-Bromofluorobenzene	12.62	95	162154	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	

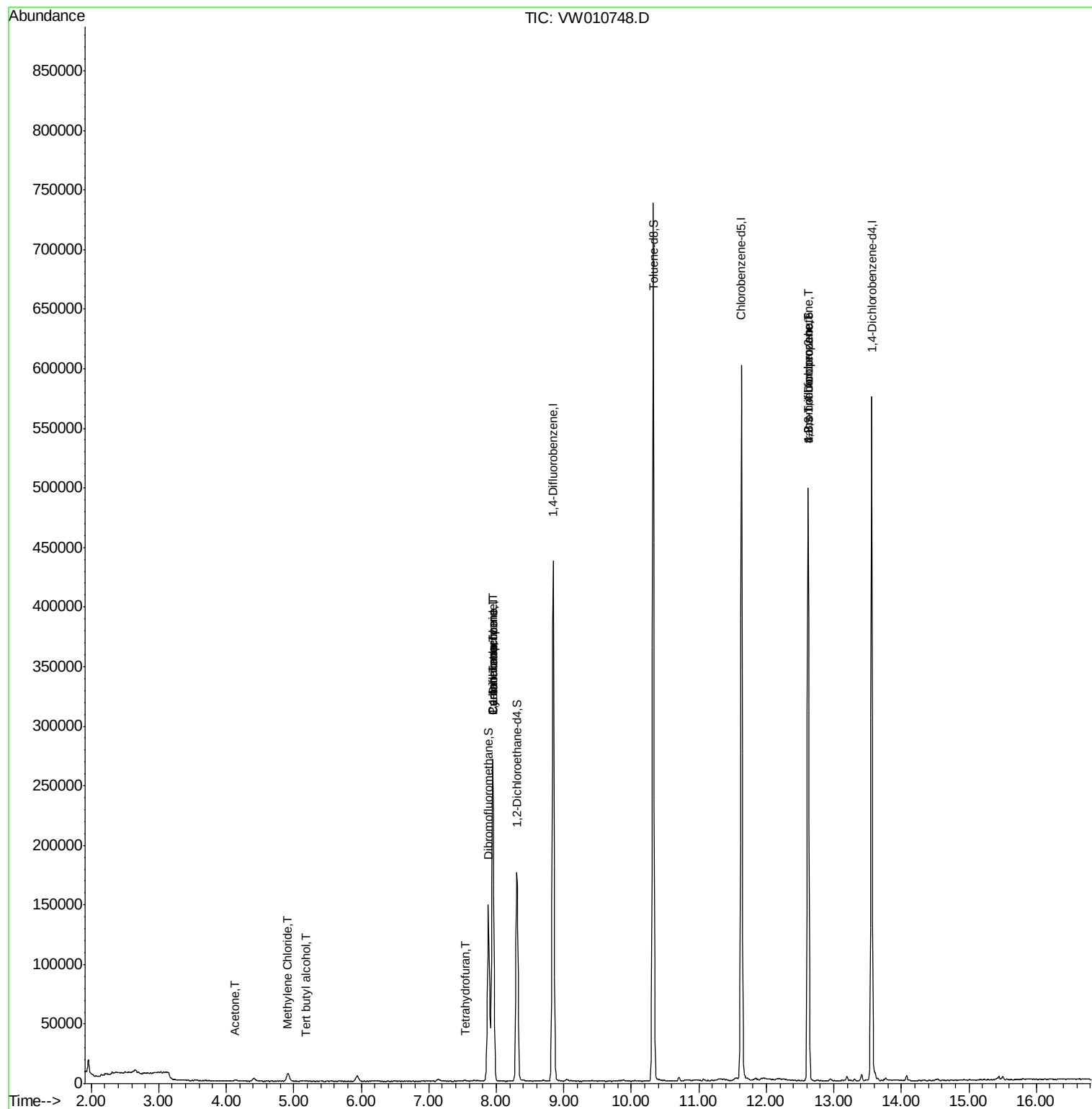
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	236	1.258	ug/l #	72
16) Acetone	4.13	43	2248	3.642	ug/l #	86
20) Methylene Chloride	4.91	84	4373	2.020	ug/l	92
29) Tetrahydrofuran	7.54	42	885	1.644	ug/l #	66
31) Cyclohexane	7.95	56	5180	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17427	4.967	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19935	6.581	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	88291	60.844	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88291	139.840	ug/l #	5

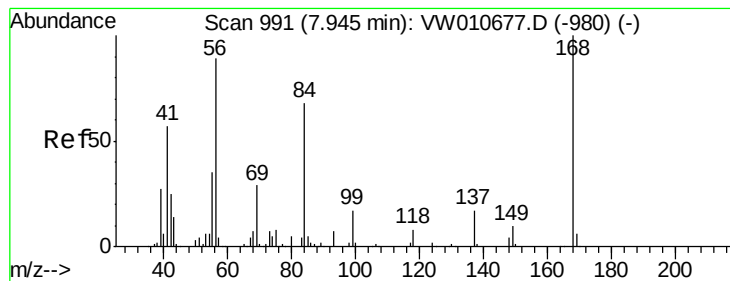
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
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SB-5_9.5-10.0_060719

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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010748.D

Acq: 10 Jun 2019 16:36

Instrument :

MSVOA_W

ClientSampleId :

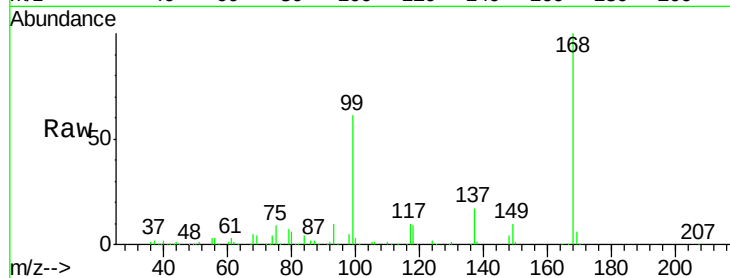
SB-5 9.5-10.0 060719

Tgt Ion:168 Resp: 195429

Ion Ratio Lower Upper

168 100

99 61.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

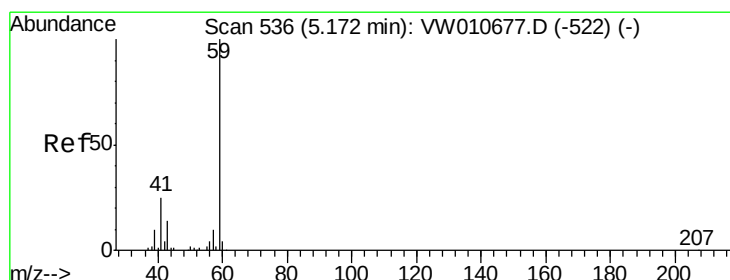
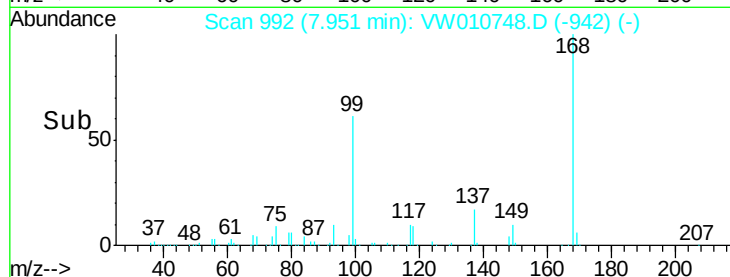
20000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.258 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.00 min

Lab File: VW010748.D

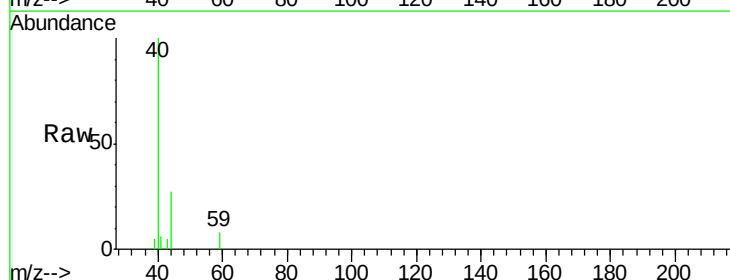
Acq: 10 Jun 2019 16:36

Tgt Ion: 59 Resp: 236

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

120

100

80

60

40

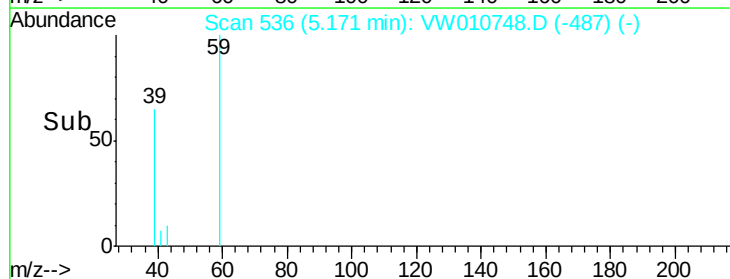
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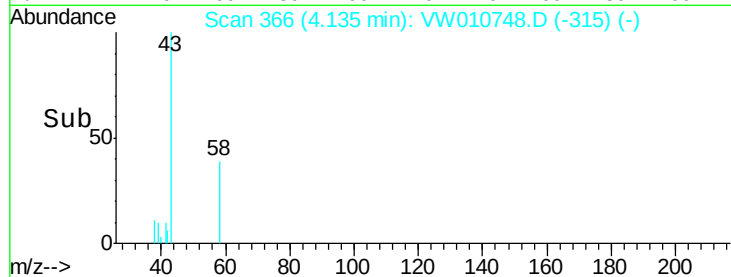
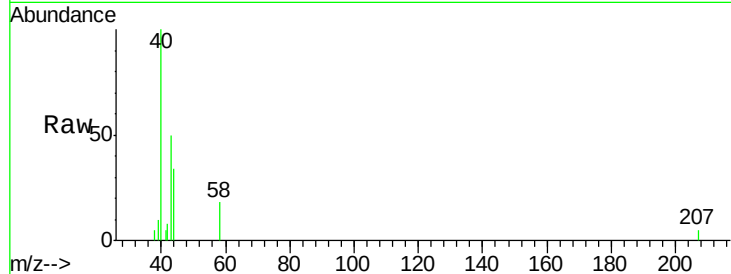
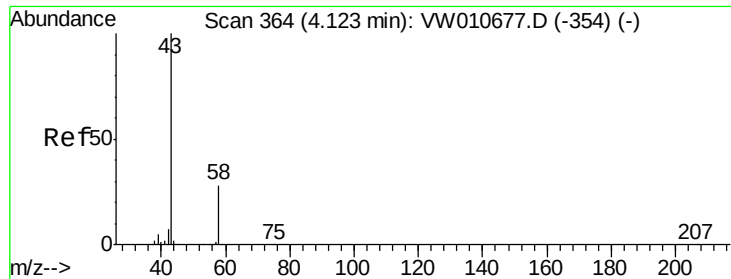
0

5.15

5.20

Time-->





#16

Acetone

Concen: 3.642 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010748.D

Acq: 10 Jun 2019 16:36

Instrument :

MSVOA_W

ClientSampleId :

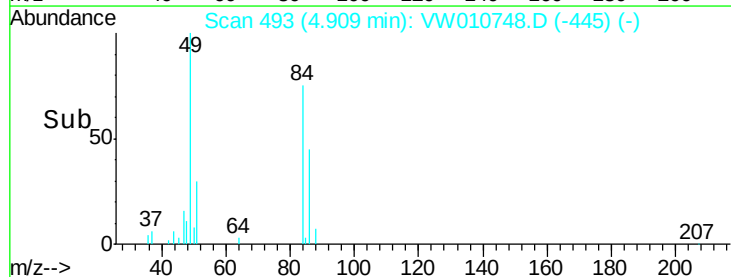
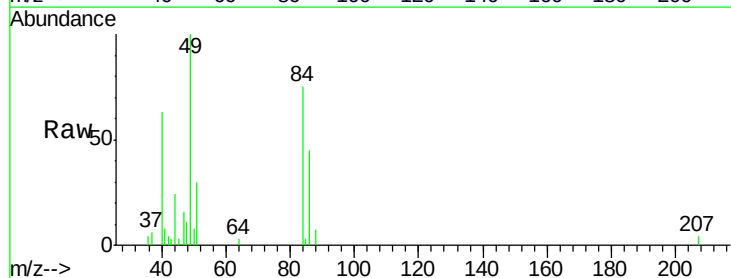
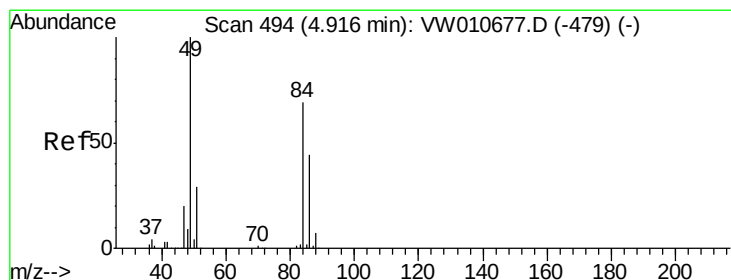
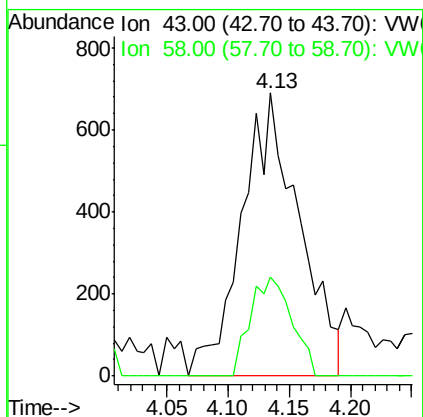
SB-5 9.5-10.0 060719

Tgt Ion: 43 Resp: 2248

Ion Ratio Lower Upper

43 100

58 35.1 22.1 33.1#



#20

Methylene Chloride

Concen: 2.020 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010748.D

Acq: 10 Jun 2019 16:36

Tgt Ion: 84 Resp: 4373

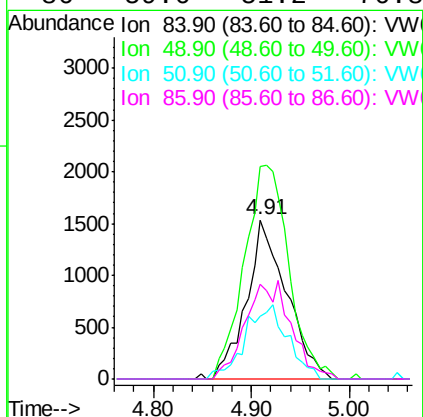
Ion Ratio Lower Upper

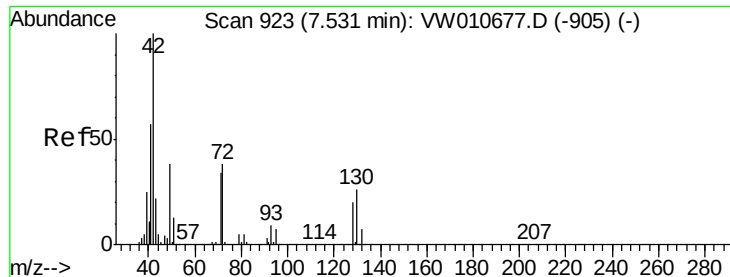
84 100

49 133.2 116.7 175.1

51 39.5 34.2 51.2

86 59.6 51.2 76.8

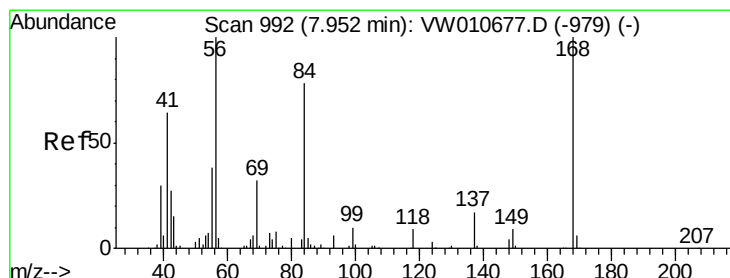
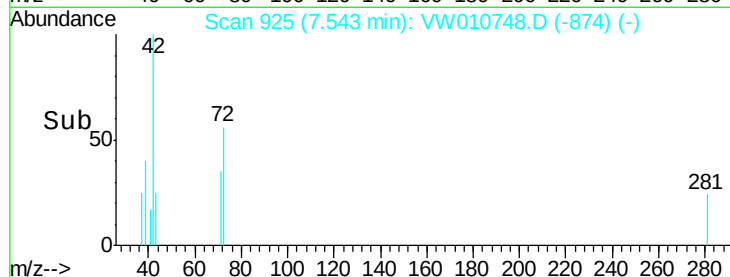
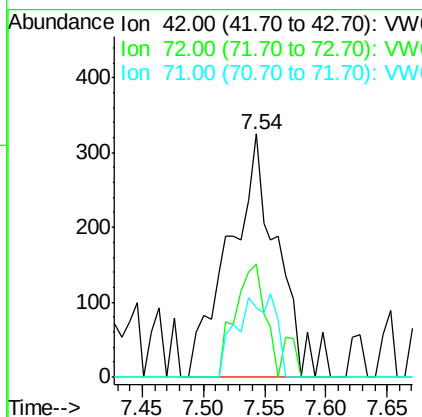
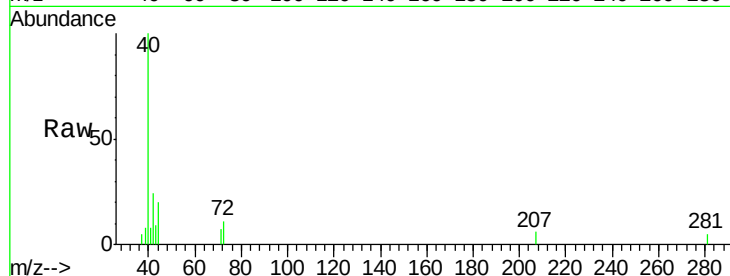




#29
Tetrahydrofuran
Concen: 1.644 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW010748.D
Acq: 10 Jun 2019 16:36

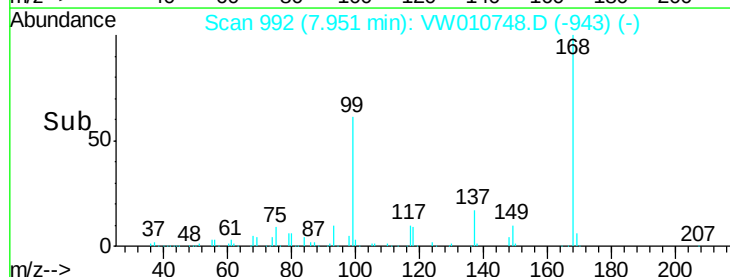
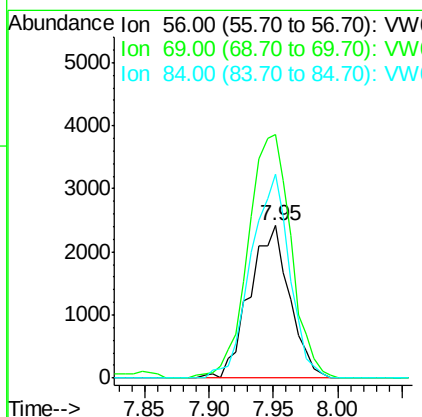
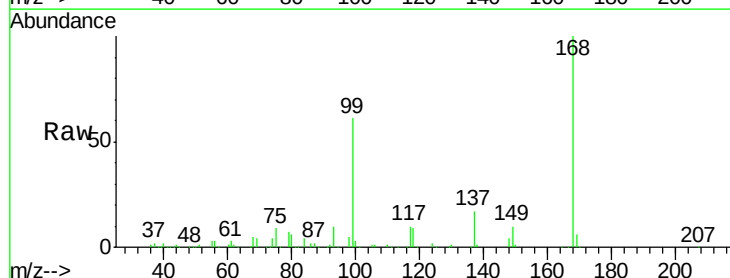
Instrument :
MSVOA_W
ClientSampleId :
SB-5 9.5-10.0 060719

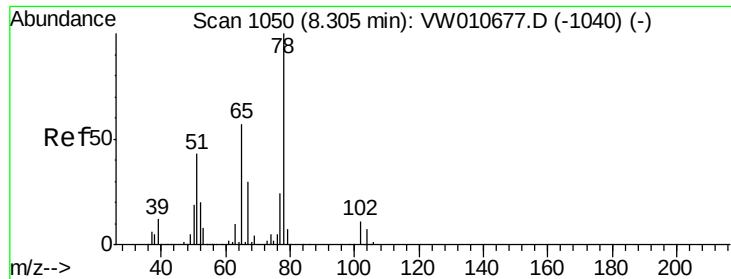
Tgt Ion: 42 Resp: 885
Ion Ratio Lower Upper
42 100
72 28.9 28.7 43.1
71 0.0 26.6 39.8#



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010748.D
Acq: 10 Jun 2019 16:36

Tgt Ion: 56 Resp: 5180
Ion Ratio Lower Upper
56 100
69 159.9 25.2 37.8#
84 133.9 62.2 93.2#

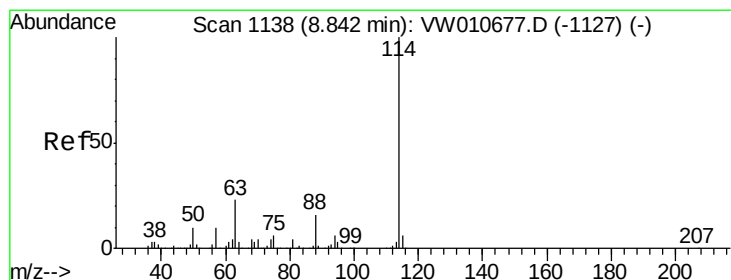
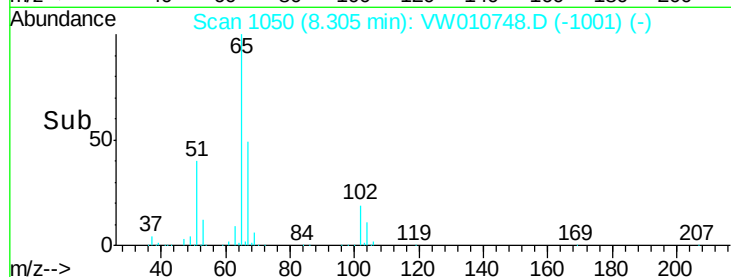
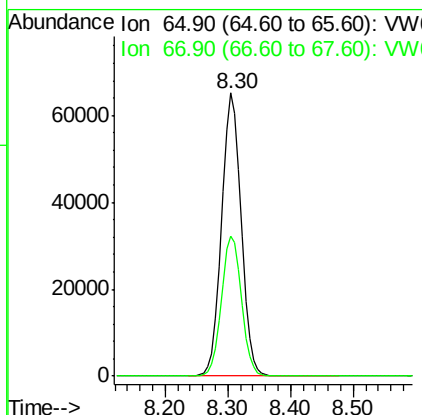
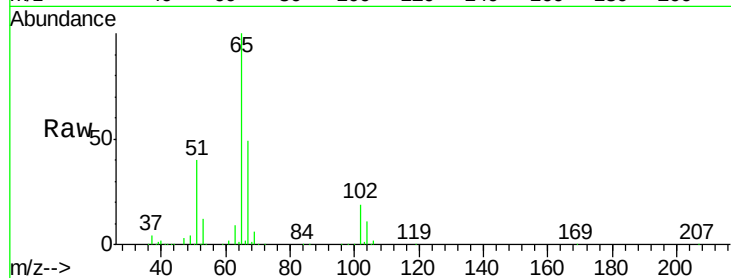




#33
 1,2-Dichloroethane-d4
 Concen: 61.251 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010748.D
 Acq: 10 Jun 2019 16:36

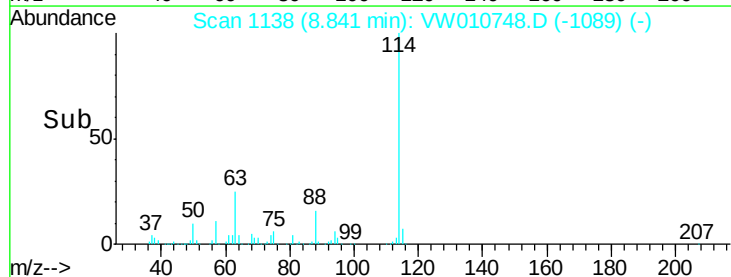
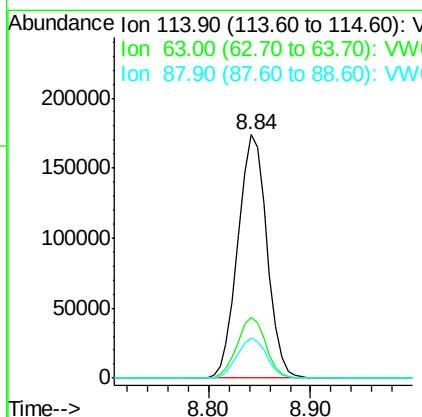
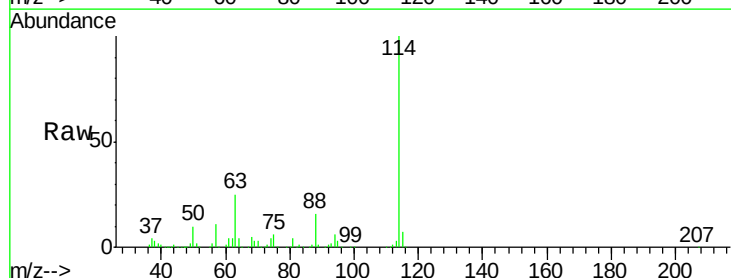
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5 9.5-10.0 060719

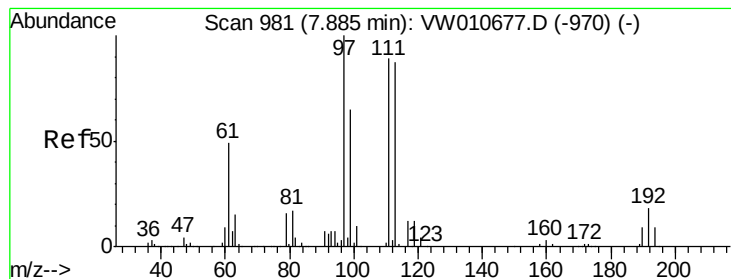
Tgt Ion: 65 Resp: 141090
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010748.D
 Acq: 10 Jun 2019 16:36

Tgt Ion: 114 Resp: 342782
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 46.4
 88 16.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 55.432 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010748.D

Acq: 10 Jun 2019 16:36

Instrument :

MSVOA_W

ClientSampleId :

SB-5 9.5-10.0 060719

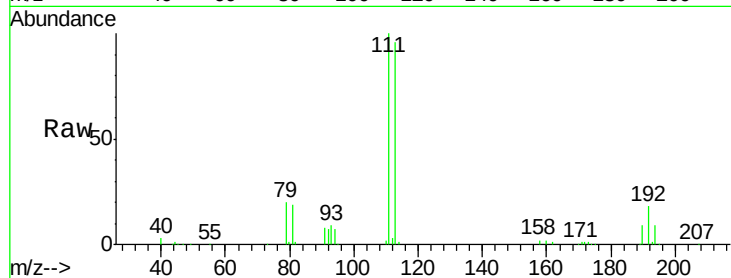
Tgt Ion:113 Resp: 103134

Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

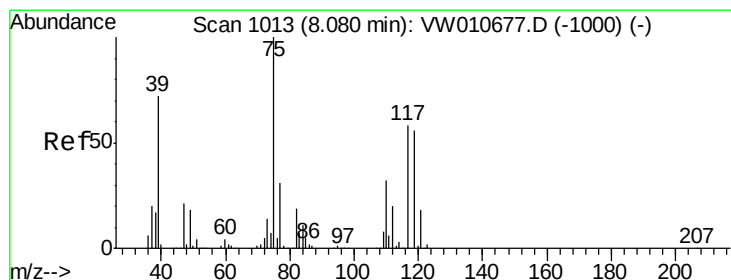
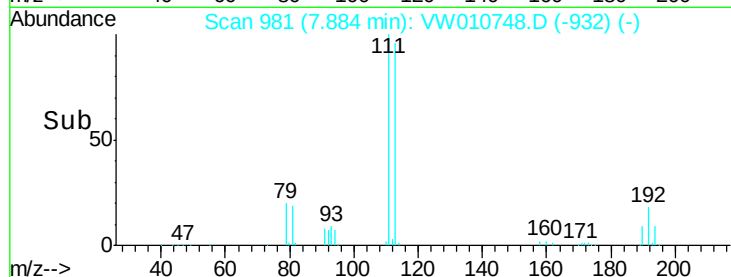
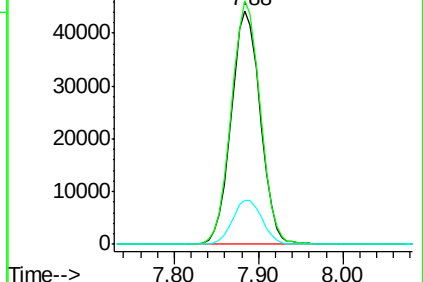
192 19.3 16.4 24.6



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: 4.967 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW010748.D

Acq: 10 Jun 2019 16:36

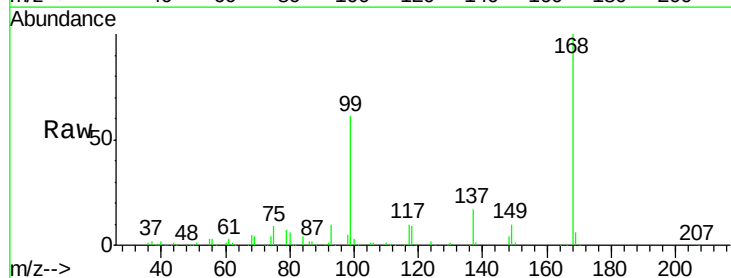
Tgt Ion: 75 Resp: 17427

Ion Ratio Lower Upper

75 100

110 8.0 15.8 47.3#

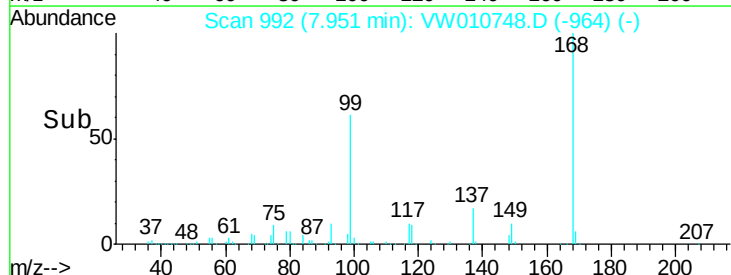
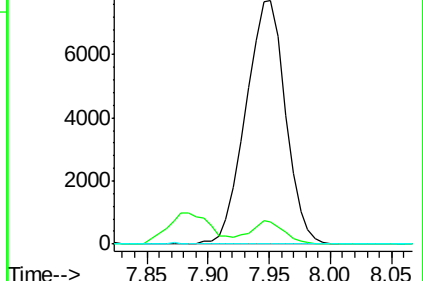
77 0.0 24.7 37.1#

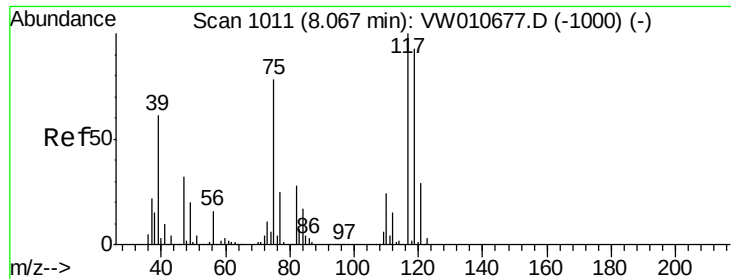


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.581 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW010748.D

Acq: 10 Jun 2019 16:36

Instrument :

MSVOA_W

ClientSampleId :

SB-5 9.5-10.0 060719

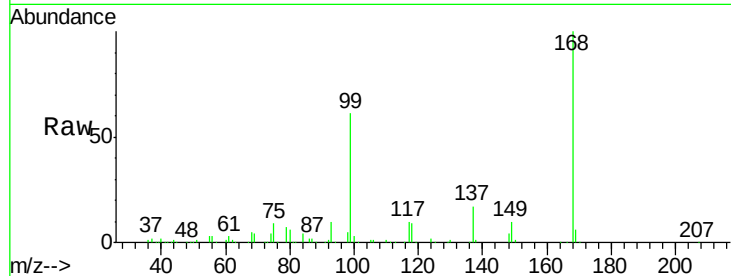
Tgt Ion:117 Resp: 19935

Ion Ratio Lower Upper

117 100

119 4.7 74.2 111.4#

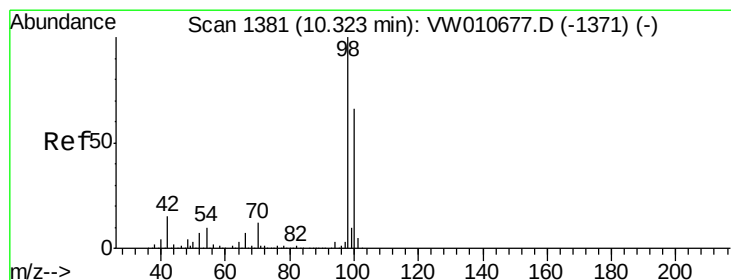
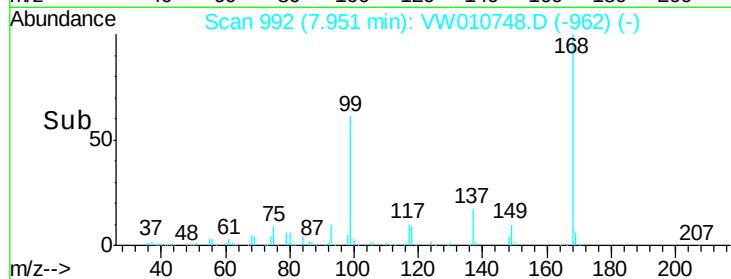
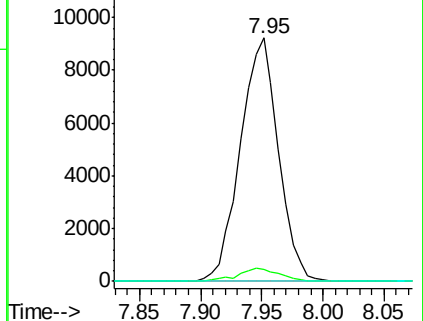
121 0.0 22.9 34.3#



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: 55.104 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010748.D

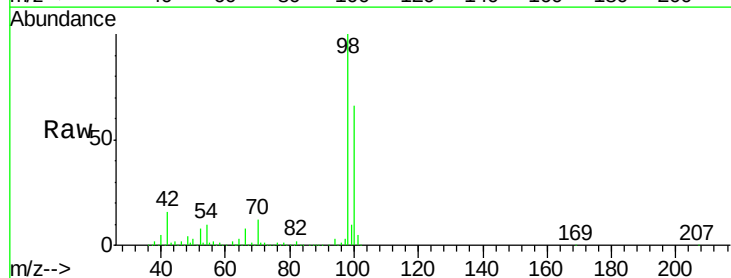
Acq: 10 Jun 2019 16:36

Tgt Ion: 98 Resp: 449576

Ion Ratio Lower Upper

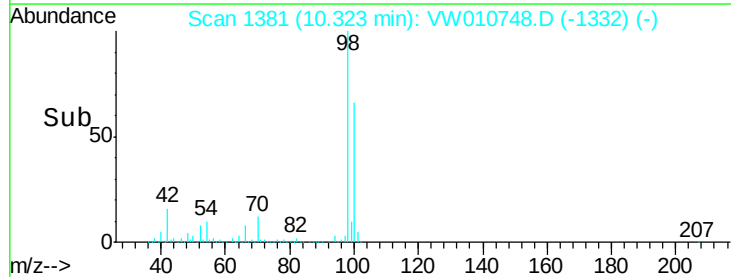
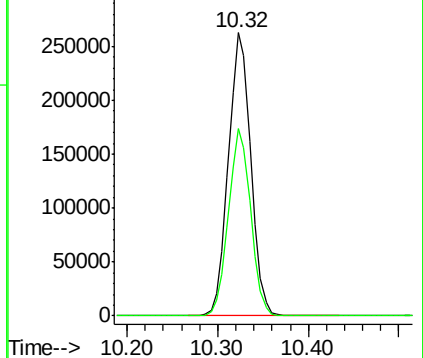
98 100

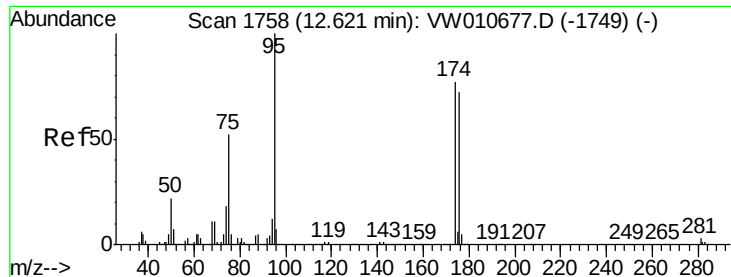
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 54.618 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010748.D

Acq: 10 Jun 2019 16:36

Instrument :

MSVOA_W

ClientSampleId :

SB-5 9.5-10.0 060719

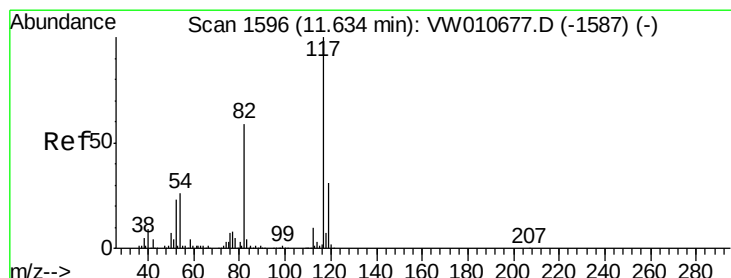
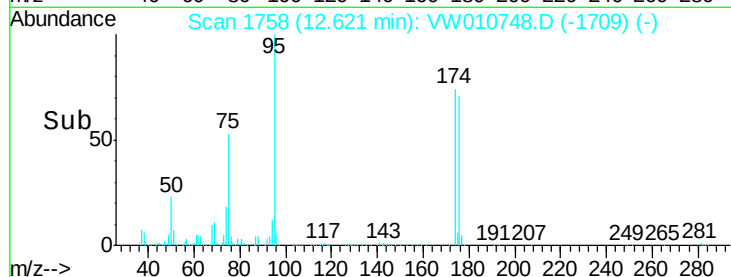
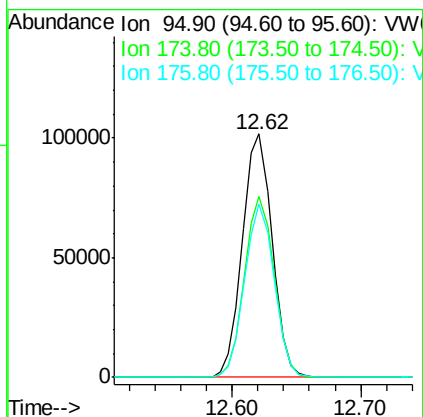
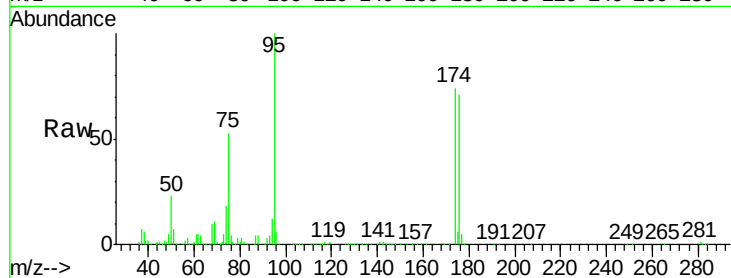
Tgt Ion: 95 Resp: 162154

Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.4

176 70.6 0.0 144.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010748.D

Acq: 10 Jun 2019 16:36

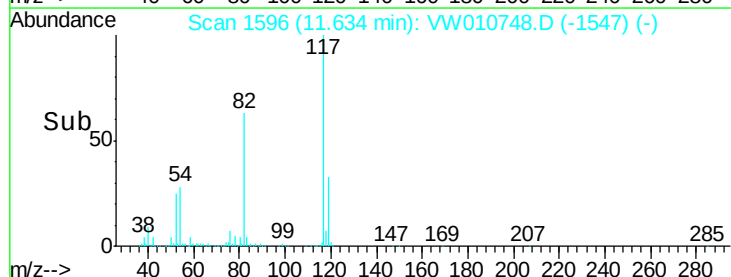
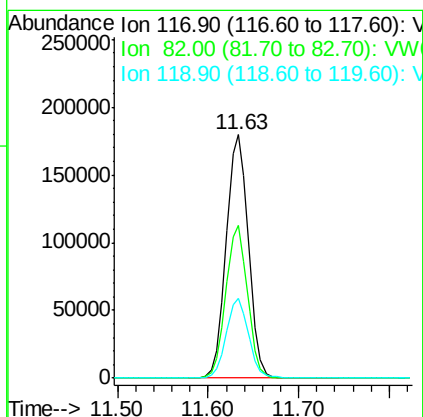
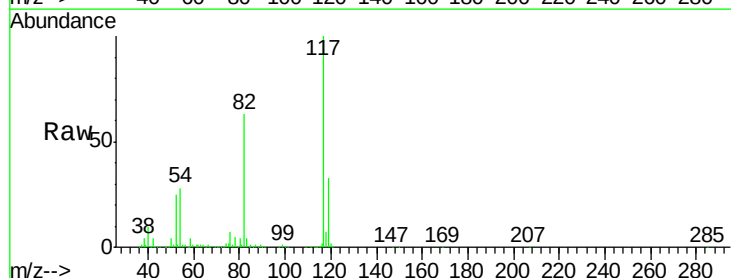
Tgt Ion: 117 Resp: 304599

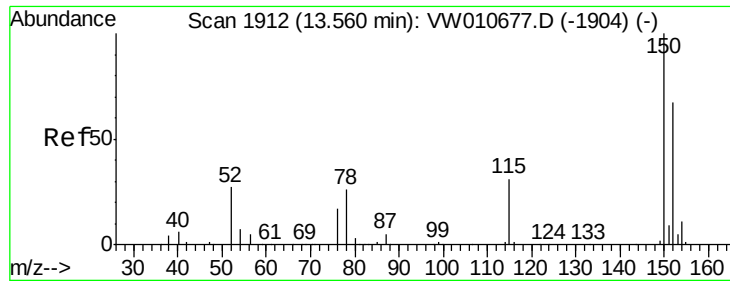
Ion Ratio Lower Upper

117 100

82 62.6 47.0 70.4

119 32.9 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010748.D

Acq: 10 Jun 2019 16:36

Instrument :

MSVOA_W

ClientSampleId :

SB-5 9.5-10.0 060719

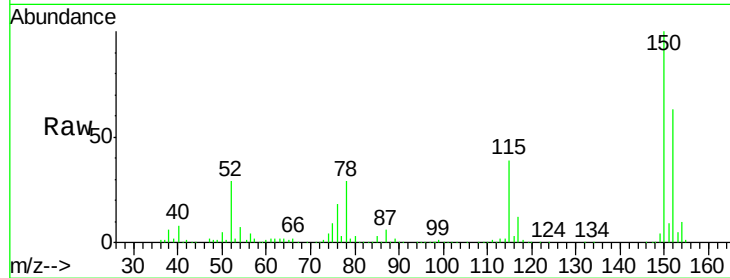
Tgt Ion:152 Resp: 138182

Ion Ratio Lower Upper

152 100

115 61.1 29.8 89.3

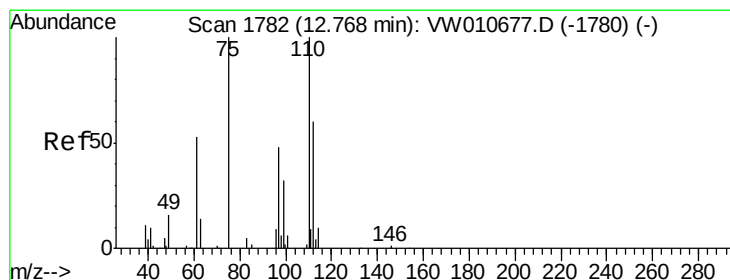
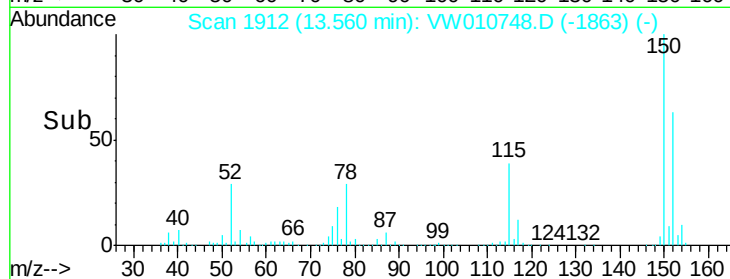
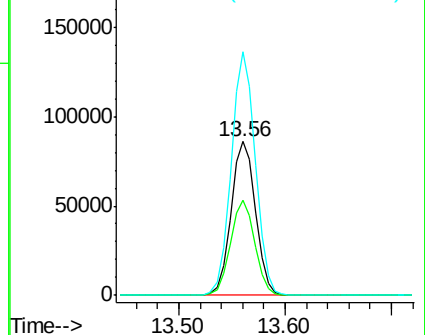
150 156.0 0.0 345.0



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: 60.844 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010748.D

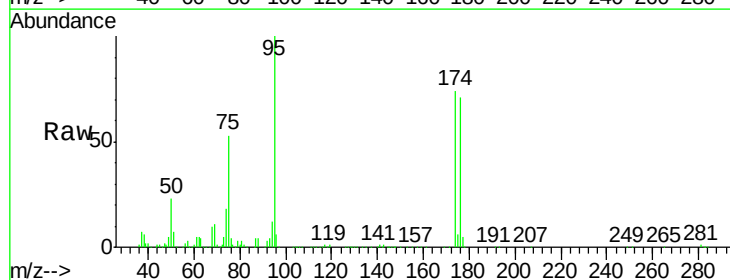
Acq: 10 Jun 2019 16:36

Tgt Ion: 75 Resp: 88291

Ion Ratio Lower Upper

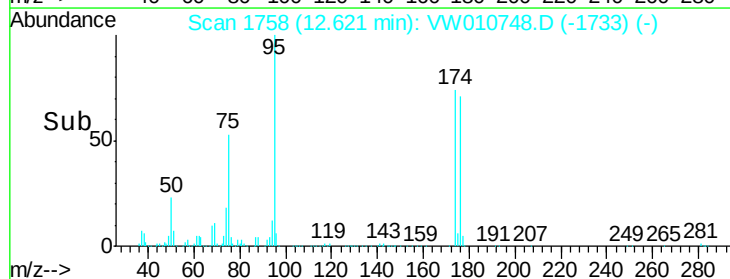
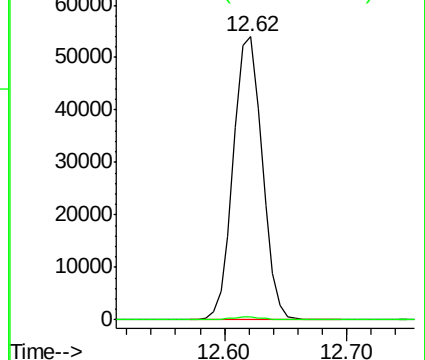
75 100

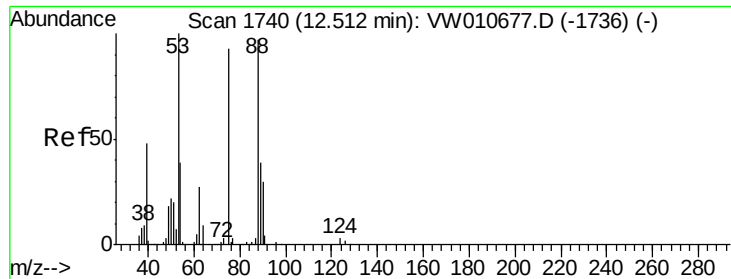
77 1.2 0.0 0.0#



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: 139.840 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010748.D

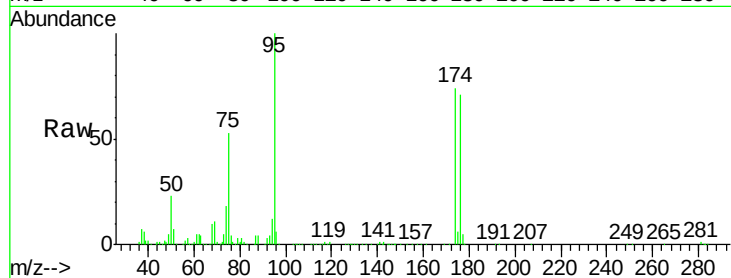
Acq: 10 Jun 2019 16:36

Instrument :

MSVOA_W

ClientSampleId :

SB-5 9.5-10.0 060719



Tgt Ion:	75	Resp:	88291
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.1	135.1#
89	0.0	34.6	52.0#

