

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010742.D
 Acq On : 10 Jun 2019 13:50
 Operator : SY/VA
 Sample : K3273-01
 Misc : 5.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6 1.0-1.5 060719

Quant Time: Jun 11 05:25:44 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	201085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141835	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	145099	61.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.44%	
35) Dibromofluoromethane	7.88	113	105276	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.30%	
50) Toluene-d8	10.32	98	461801	55.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.34%	
62) 4-Bromofluorobenzene	12.62	95	166962	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	

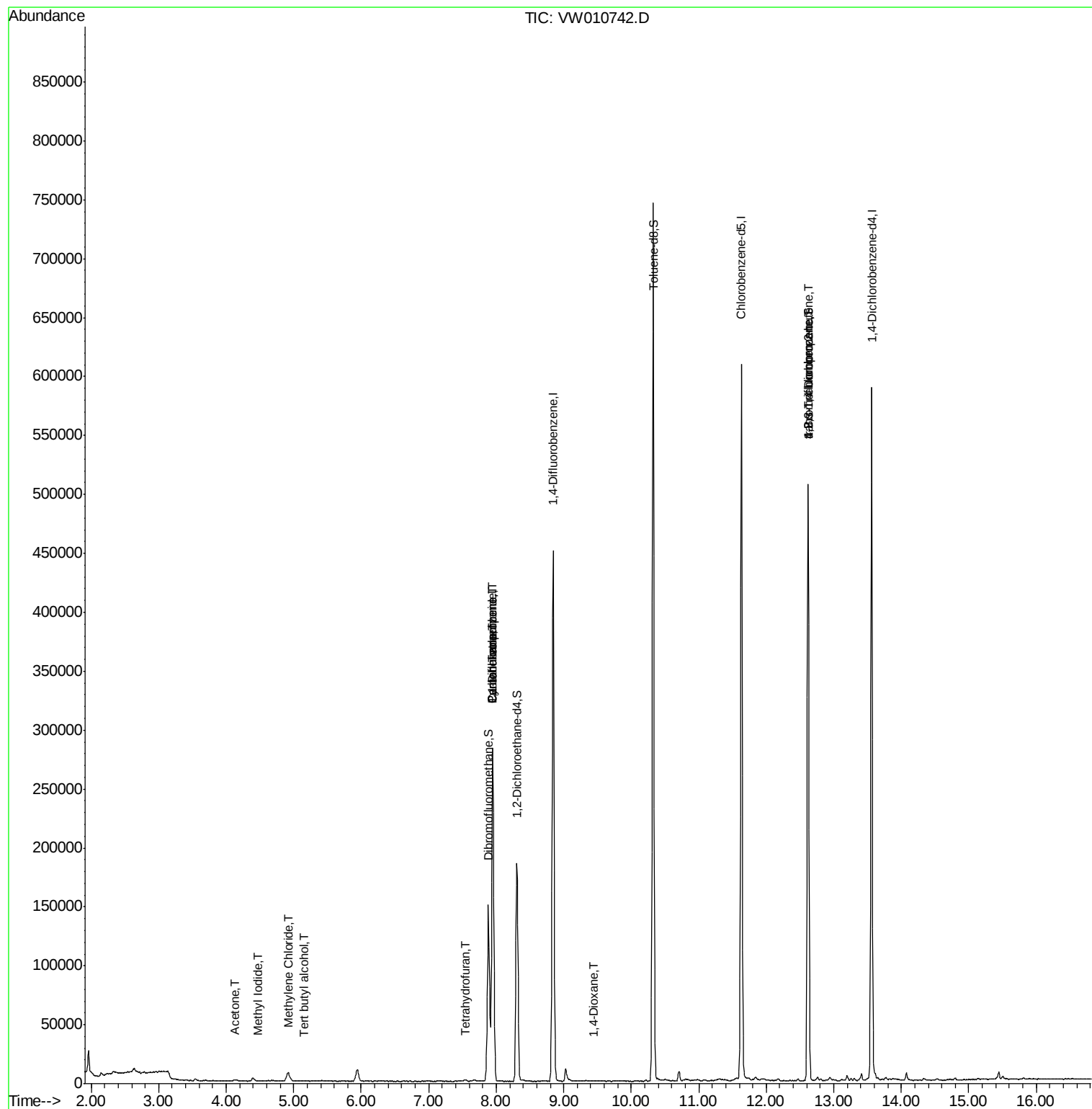
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.47	142	27	4.810	ug/l #	41
11) Tert butyl alcohol	5.17	59	246	1.274	ug/l #	72
16) Acetone	4.13	43	2999	4.722	ug/l	98
20) Methylene Chloride	4.93	84	5149	2.311	ug/l	92
29) Tetrahydrofuran	7.55	42	1427	2.576	ug/l #	75
31) Cyclohexane	7.95	56	5388	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17962	4.989	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20599	6.628	ug/l #	17
49) 1,4-Dioxane	9.43	88	20	1.059	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	90649	60.860	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90649	139.877	ug/l #	5

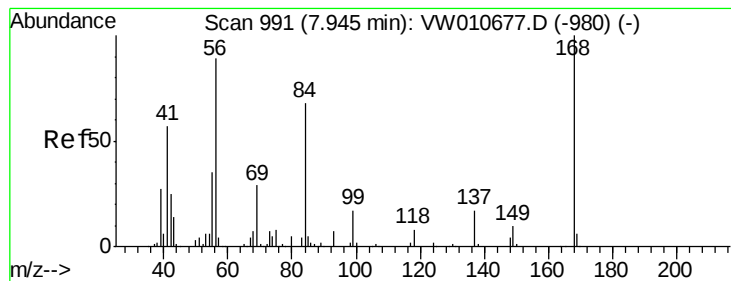
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
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SB-6_1.0-1.5_060719

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010742.D

Acq: 10 Jun 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

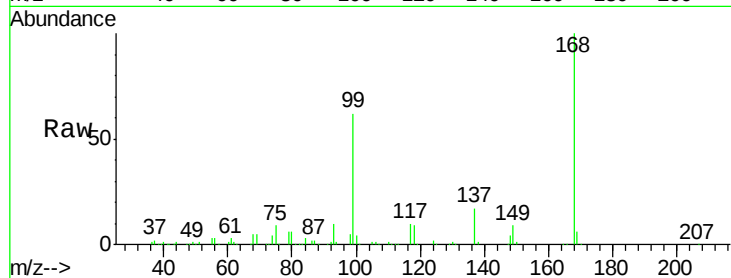
SB-6 1.0-1.5 060719

Tgt Ion:168 Resp: 201085

Ion Ratio Lower Upper

168 100

99 62.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

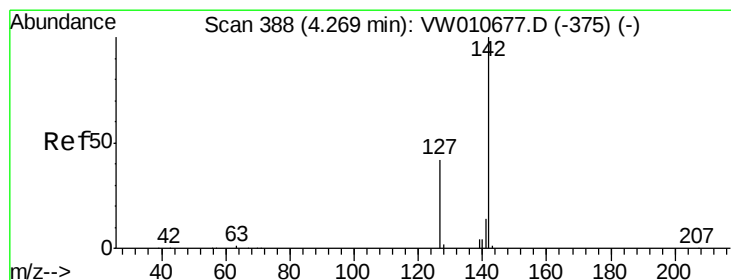
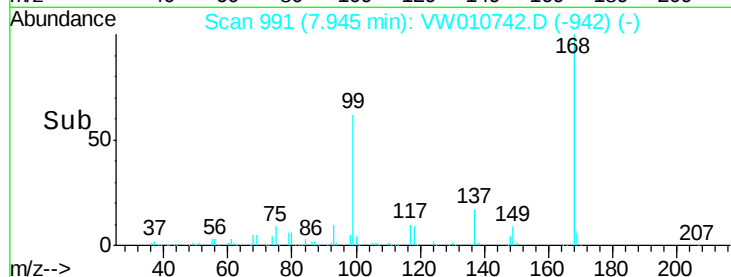
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.810 ug/l

RT: 4.47 min Scan# 421

Delta R.T. 0.20 min

Lab File: VW010742.D

Acq: 10 Jun 2019 13:50

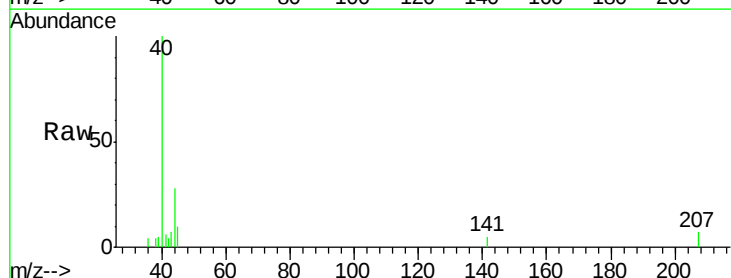
Tgt Ion:142 Resp: 27

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.47

100

80

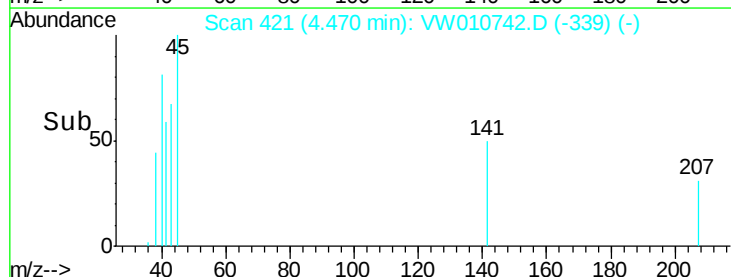
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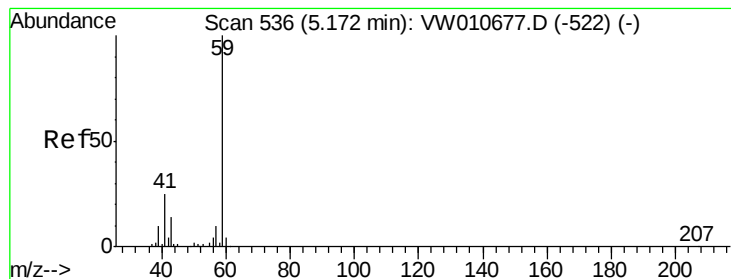
40

20

0

Time-->





#11

Tert butyl alcohol

Concen: 1.274 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW010742.D

Acq: 10 Jun 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

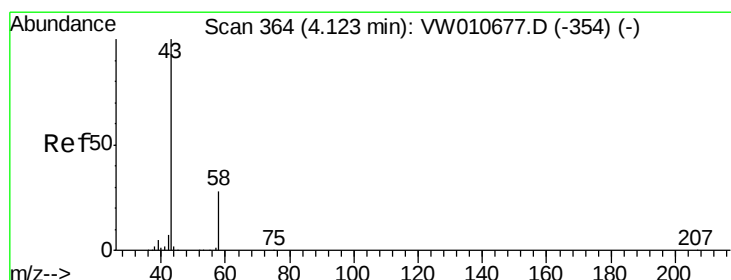
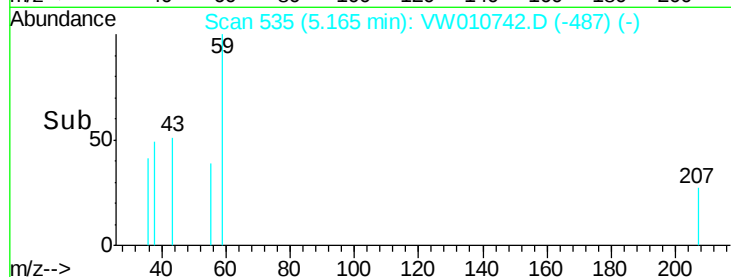
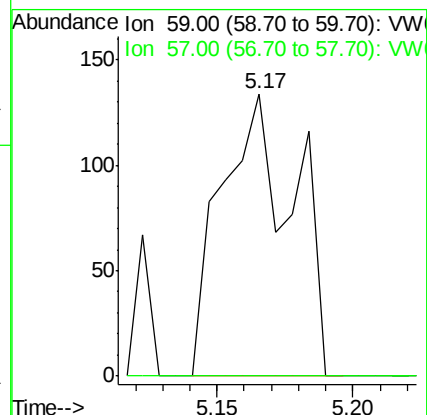
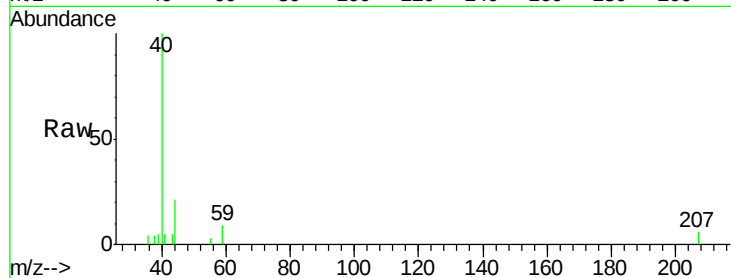
SB-6 1.0-1.5 060719

Tgt Ion: 59 Resp: 246

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 4.722 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010742.D

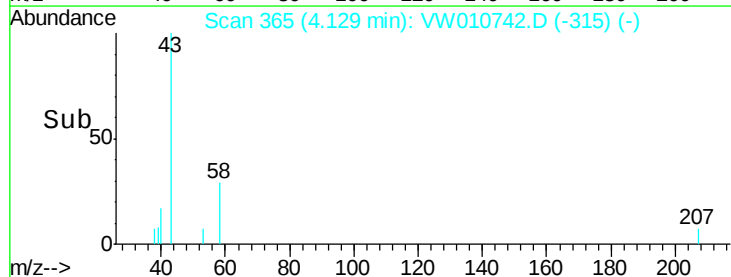
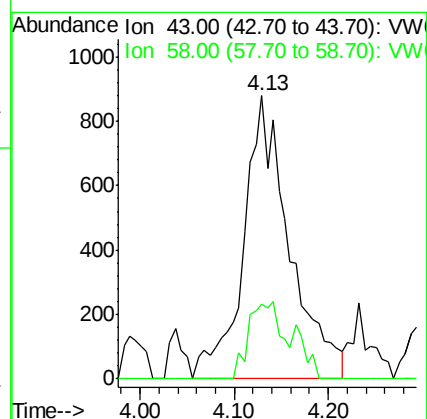
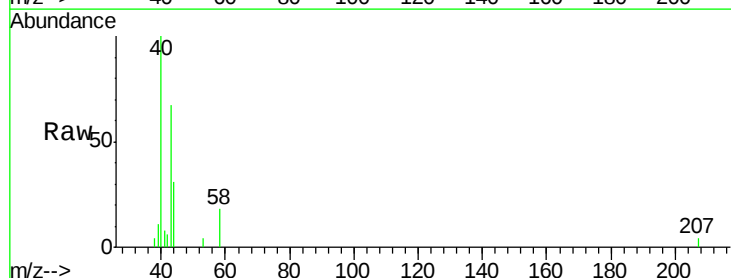
Acq: 10 Jun 2019 13:50

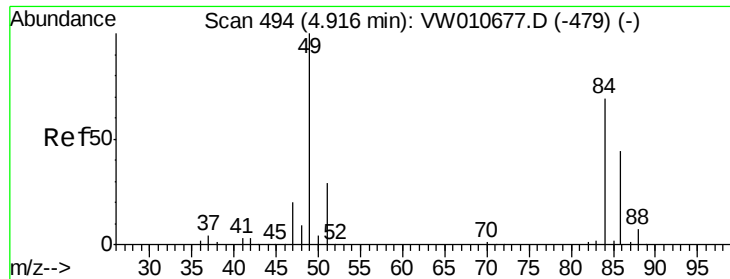
Tgt Ion: 43 Resp: 2999

Ion Ratio Lower Upper

43 100

58 26.3 22.1 33.1

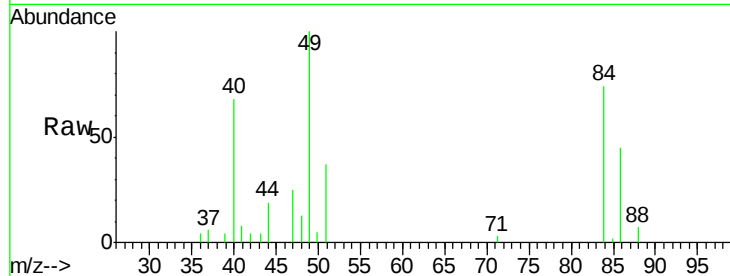




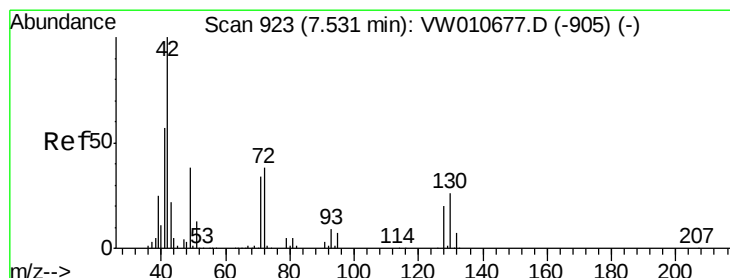
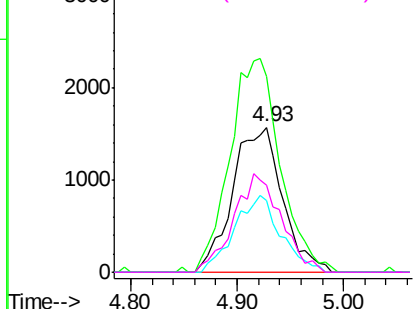
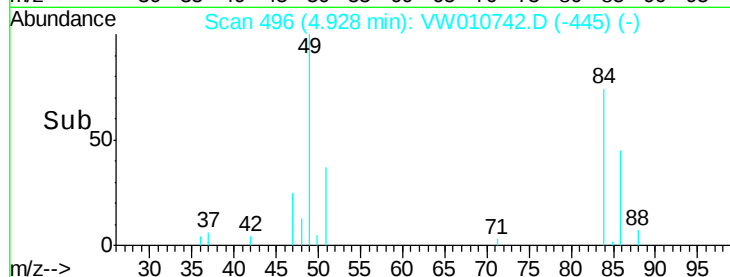
#20
Methylene Chloride
Concen: 2.311 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW010742.D
Acq: 10 Jun 2019 13:50

Instrument :
MSVOA_W
ClientSampleId :
SB-6 1.0-1.5 060719

Tgt Ion: 84 Resp: 5149
Ion Ratio Lower Upper
84 100
49 134.8 116.7 175.1
51 49.6 34.2 51.2
86 60.0 51.2 76.8

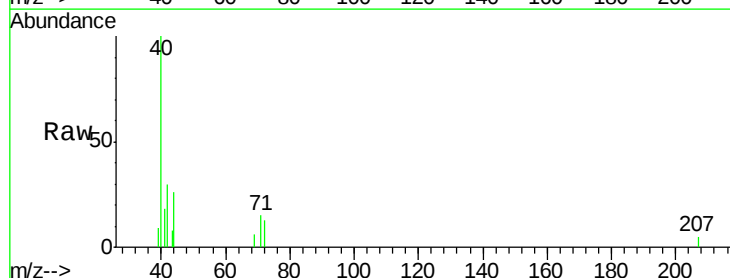


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

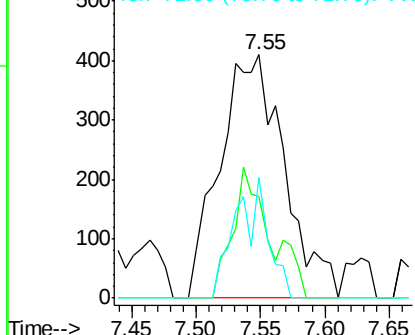
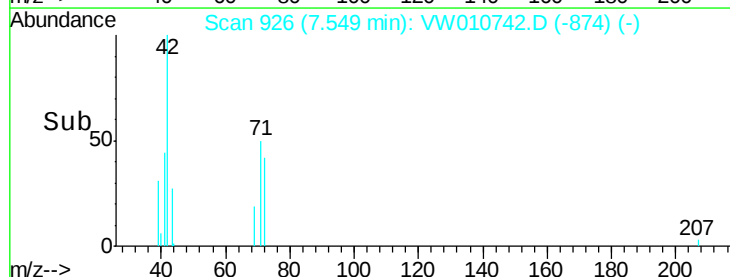


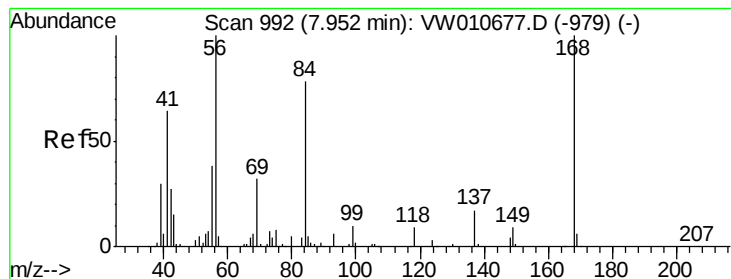
#29
Tetrahydrofuran
Concen: 2.576 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW010742.D
Acq: 10 Jun 2019 13:50

Tgt Ion: 42 Resp: 1427
Ion Ratio Lower Upper
42 100
72 25.7 28.7 43.1#
71 14.3 26.6 39.8#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.127 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010742.D

Acq: 10 Jun 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

SB-6 1.0-1.5 060719

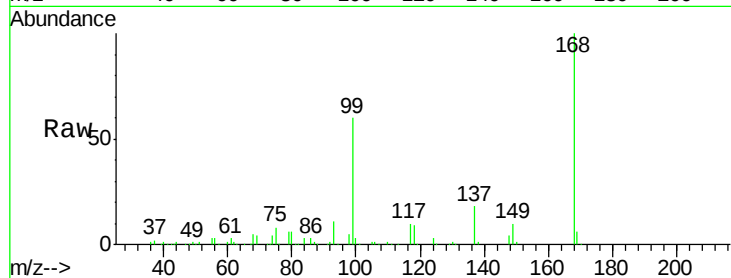
Tgt Ion: 56 Resp: 5388

Ion Ratio Lower Upper

56 100

69 167.4 25.2 37.8#

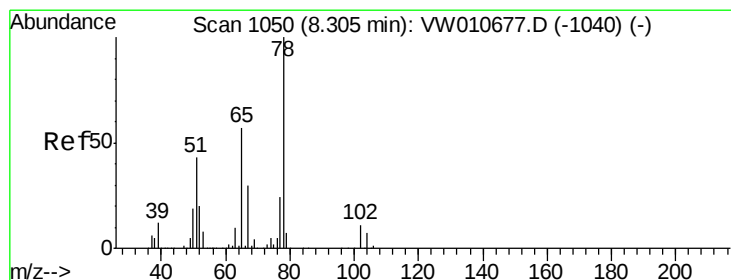
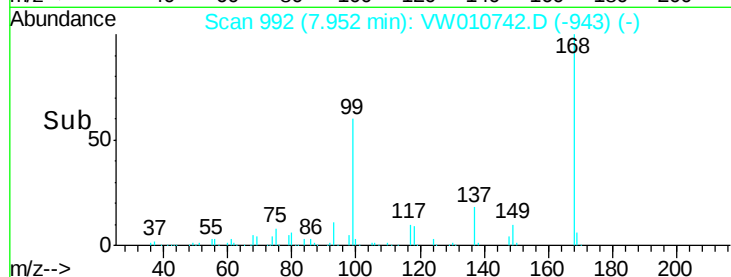
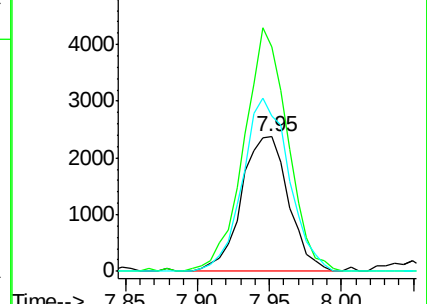
84 115.9 62.2 93.2#



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: 61.220 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010742.D

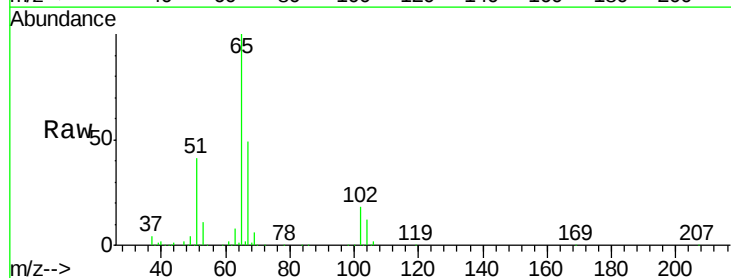
Acq: 10 Jun 2019 13:50

Tgt Ion: 65 Resp: 145099

Ion Ratio Lower Upper

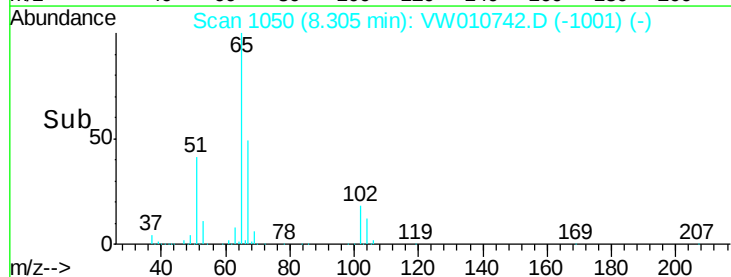
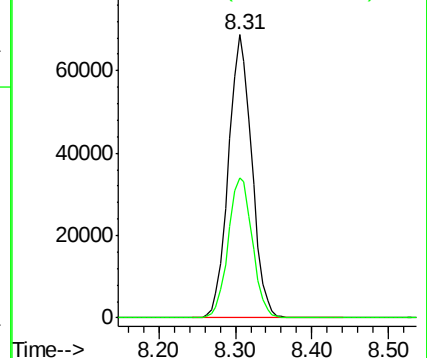
65 100

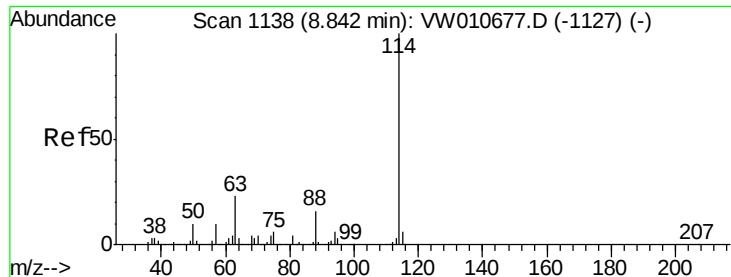
67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

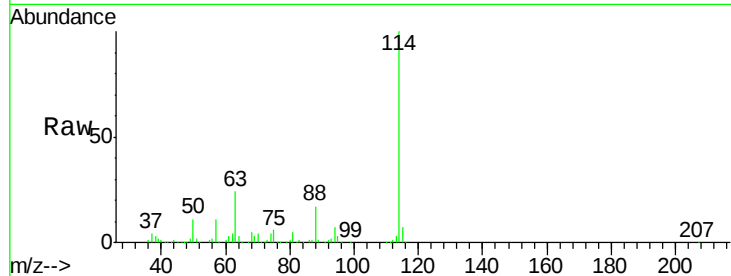




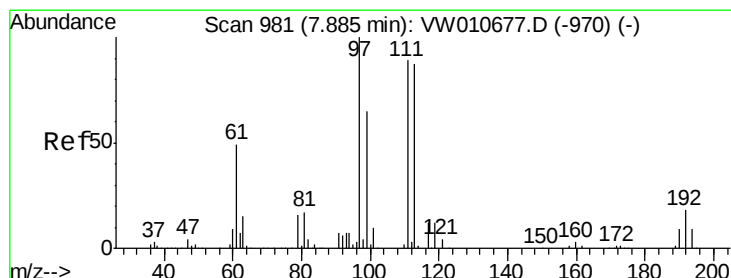
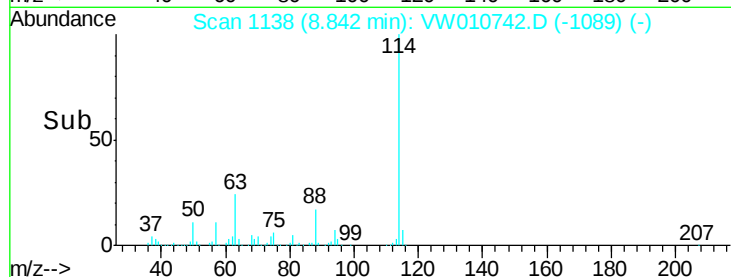
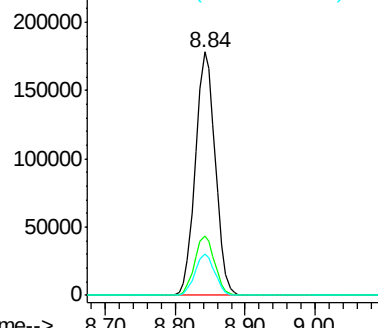
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010742.D
 Acq: 10 Jun 2019 13:50

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6 1.0-1.5 060719

Tgt Ion:114 Resp: 351711
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.4
 88 16.9 0.0 32.2

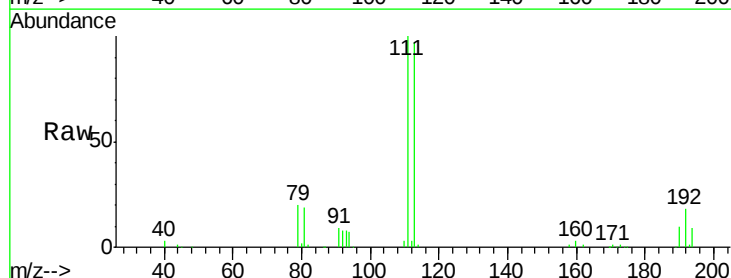


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

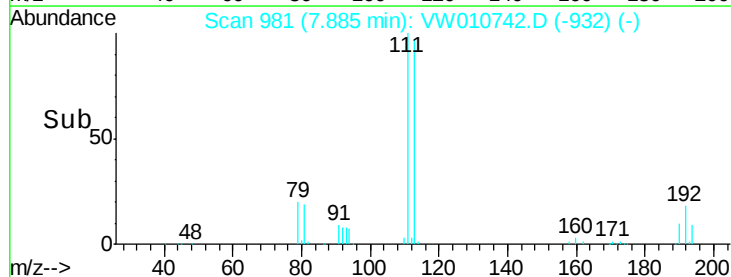
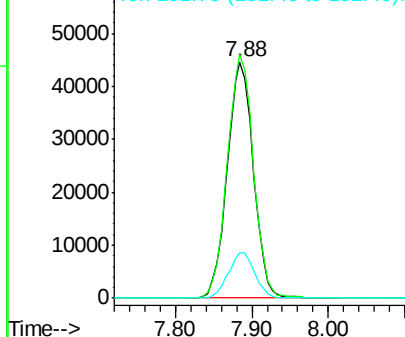


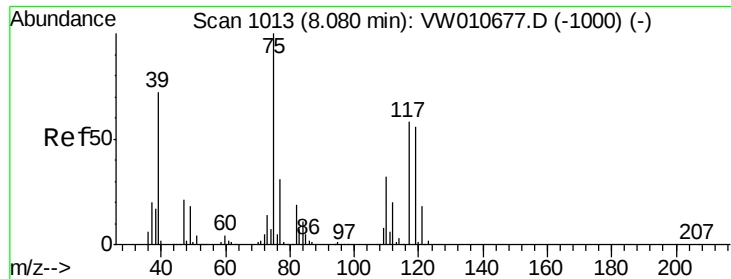
#35
 Dibromofluoromethane
 Concen: 55.147 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010742.D
 Acq: 10 Jun 2019 13:50

Tgt Ion:113 Resp: 105276
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 123.8
 192 19.5 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

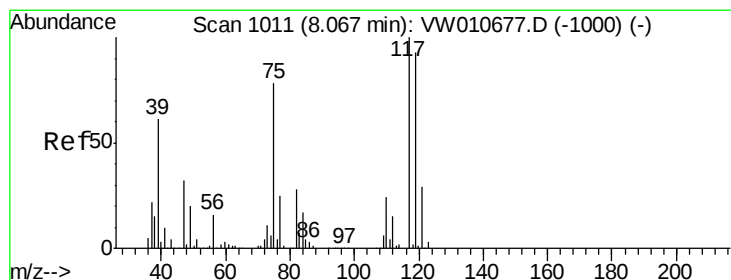
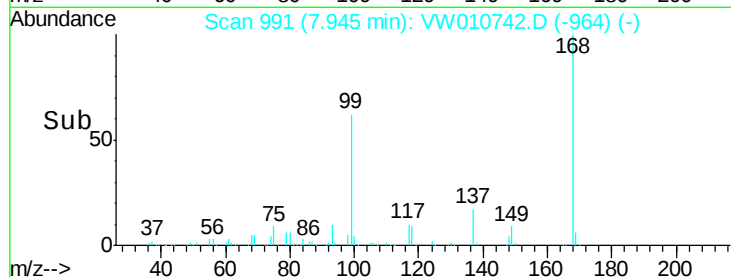
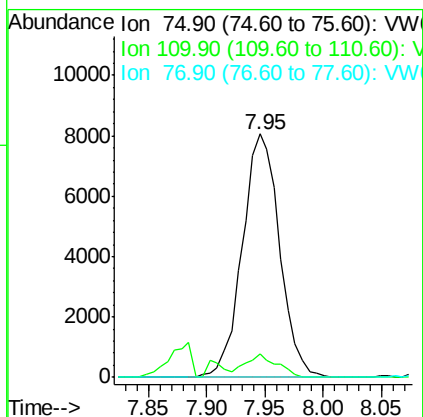
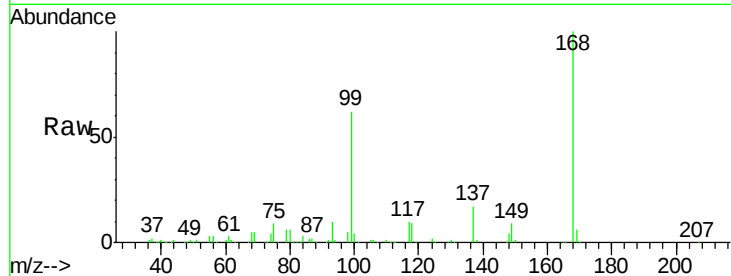




#36
 1,1-Dichloropropene
 Concen: 4.989 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010742.D
 Acq: 10 Jun 2019 13:50

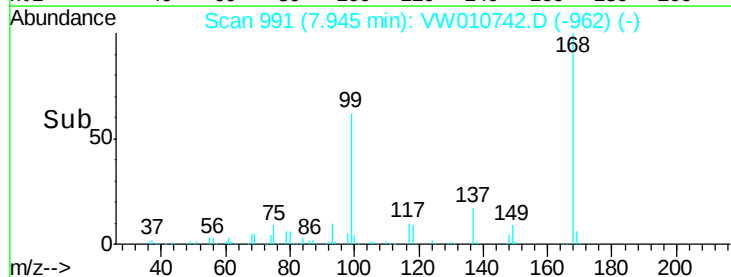
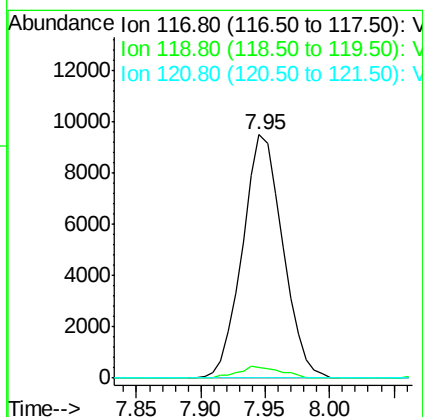
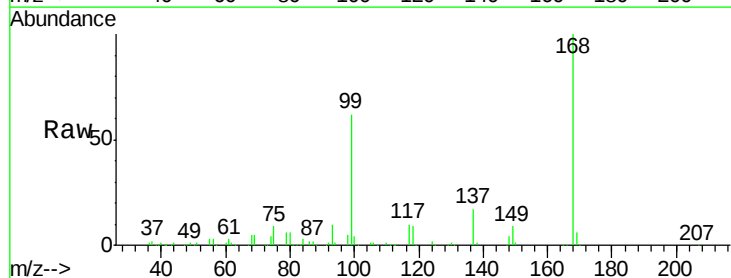
Instrument :
 MSVOA_W
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 SB-6 1.0-1.5 060719

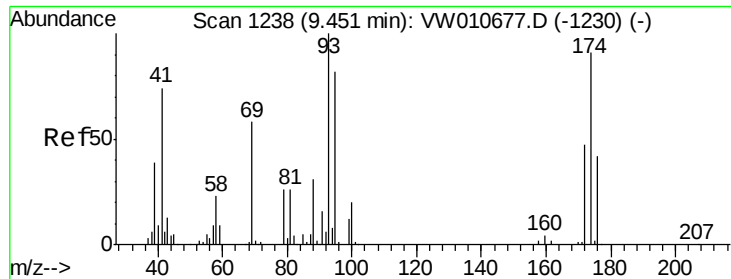
Tgt Ion: 75 Resp: 17962
 Ion Ratio Lower Upper
 75 100
 110 8.1 15.8 47.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.628 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010742.D
 Acq: 10 Jun 2019 13:50

Tgt Ion: 117 Resp: 20599
 Ion Ratio Lower Upper
 117 100
 119 4.3 74.2 111.4#
 121 0.0 22.9 34.3#





#49

1,4-Dioxane

Concen: 1.059 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.02 min

Lab File: VW010742.D

Acq: 10 Jun 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

SB-6 1.0-1.5 060719

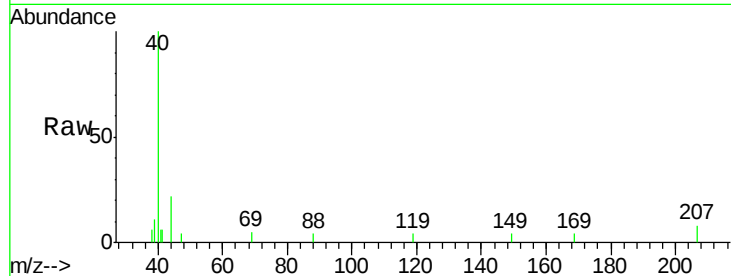
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 325.0 34.2 51.4#

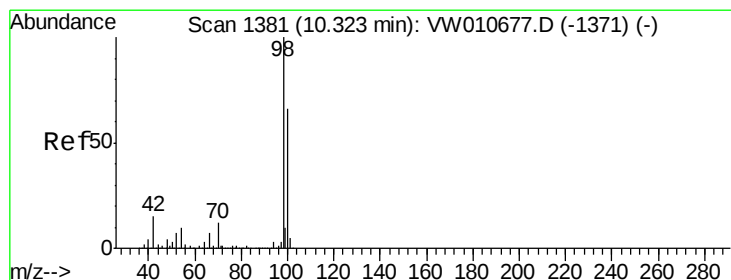
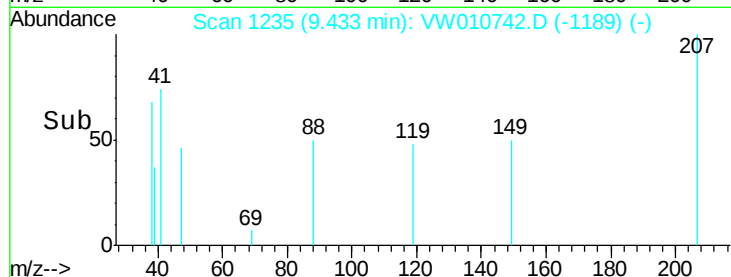
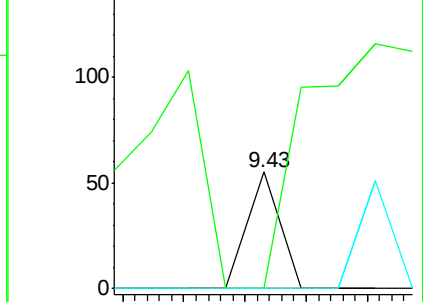
58 0.0 69.0 103.4#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 55.165 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010742.D

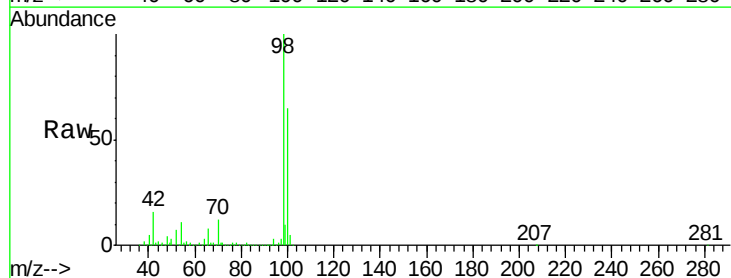
Acq: 10 Jun 2019 13:50

Tgt Ion: 98 Resp: 461801

Ion Ratio Lower Upper

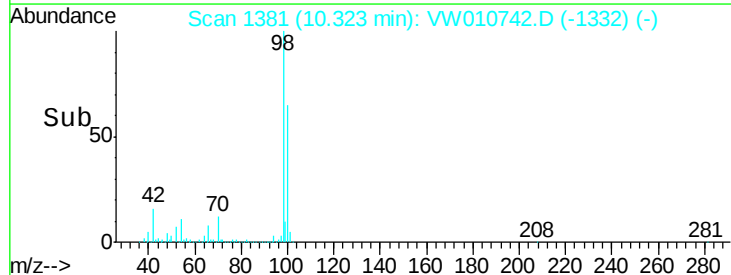
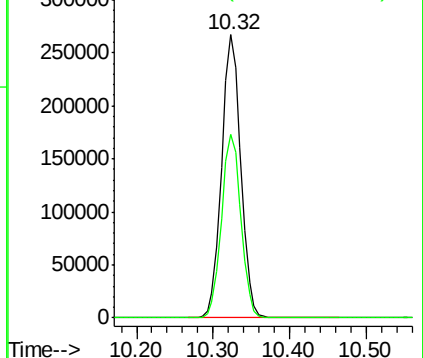
98 100

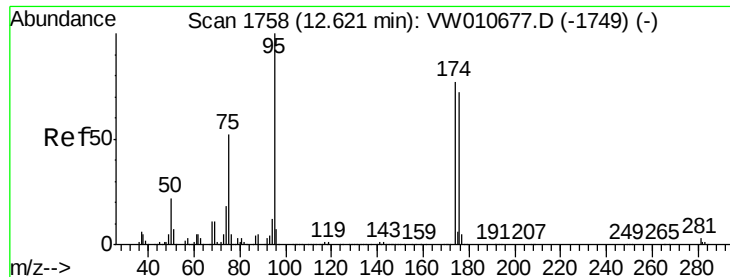
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

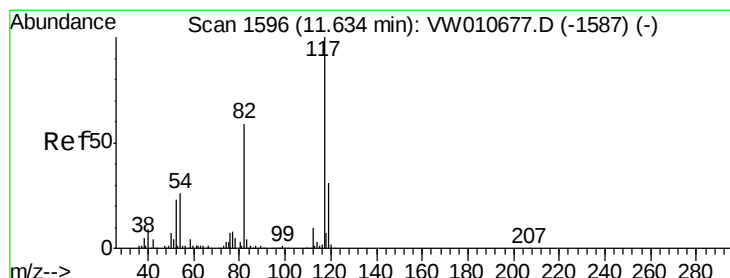
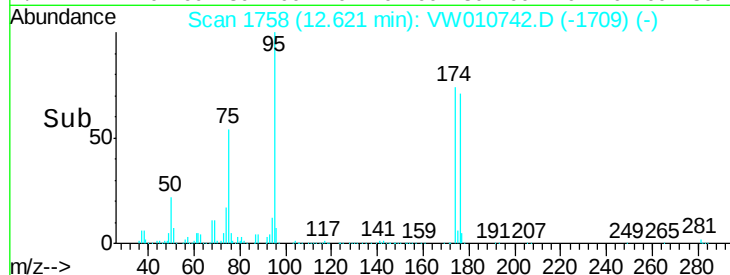
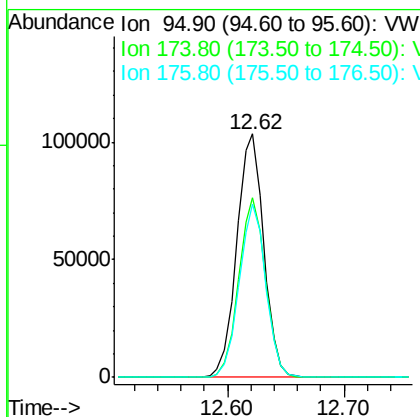
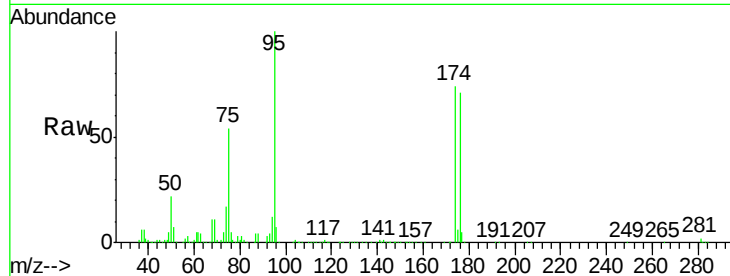




#62
4-Bromofluorobenzene
Concen: 54.810 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010742.D
Acq: 10 Jun 2019 13:50

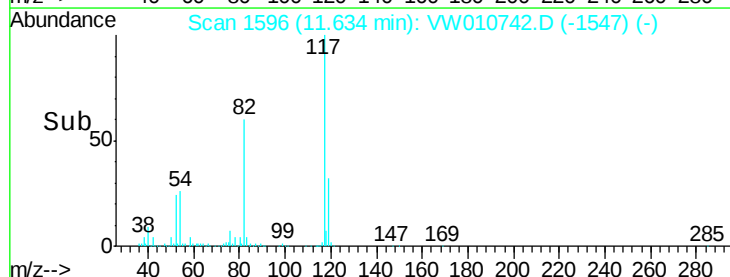
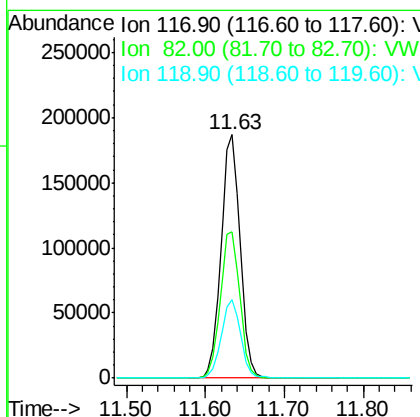
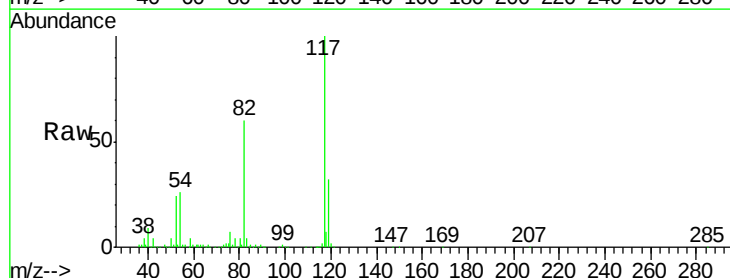
Instrument :
MSVOA_W
ClientSampleId :
SB-6 1.0-1.5 060719

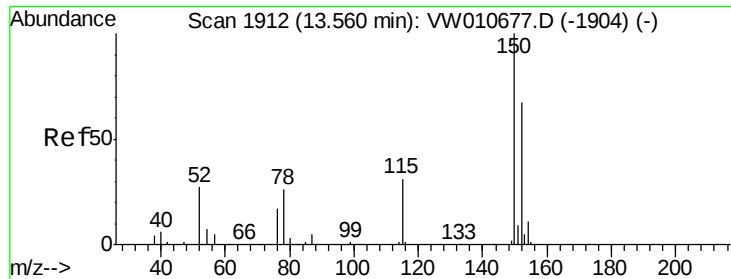
Tgt Ion: 95 Resp: 166962
Ion Ratio Lower Upper
95 100
174 73.1 0.0 150.4
176 70.1 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010742.D
Acq: 10 Jun 2019 13:50

Tgt Ion: 117 Resp: 312358
Ion Ratio Lower Upper
117 100
82 60.0 47.0 70.4
119 32.0 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: VW010742.D

Acq: 10 Jun 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

SB-6 1.0-1.5 060719

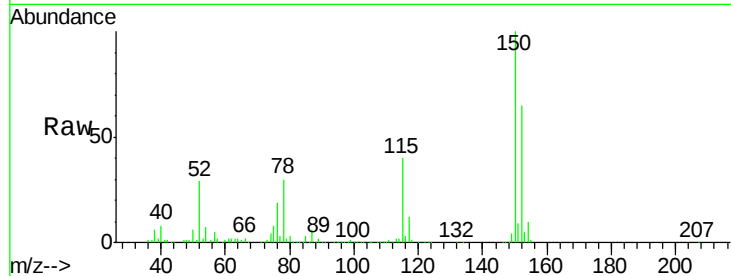
Tgt Ion:152 Resp: 141835

Ion Ratio Lower Upper

152 100

115 60.8 29.8 89.3

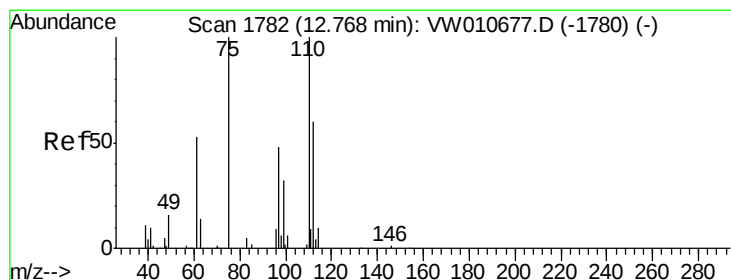
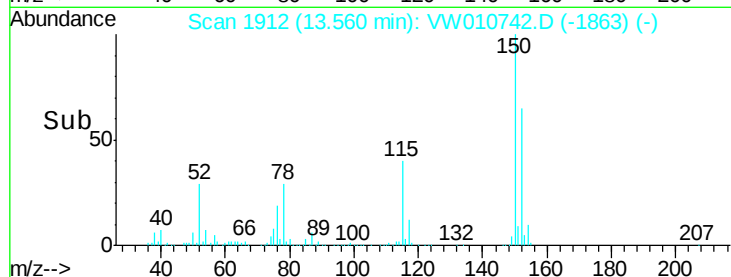
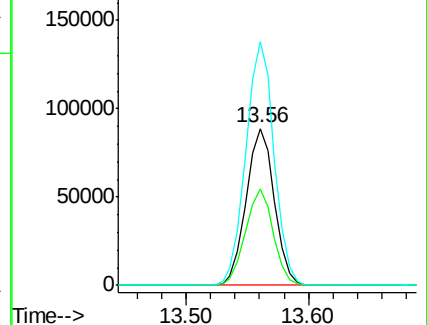
150 155.7 0.0 345.0



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: 60.860 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010742.D

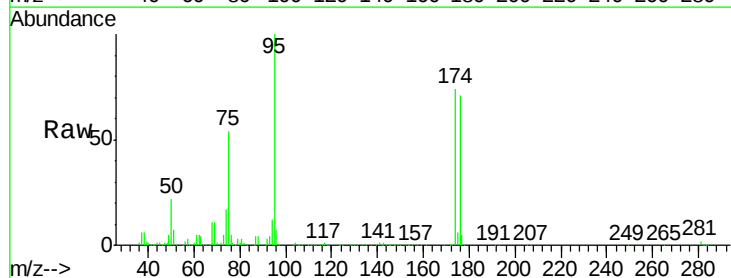
Acq: 10 Jun 2019 13:50

Tgt Ion: 75 Resp: 90649

Ion Ratio Lower Upper

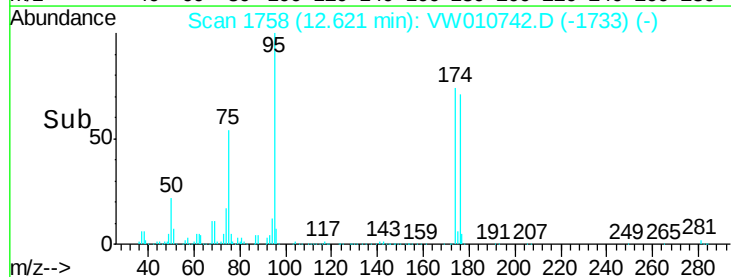
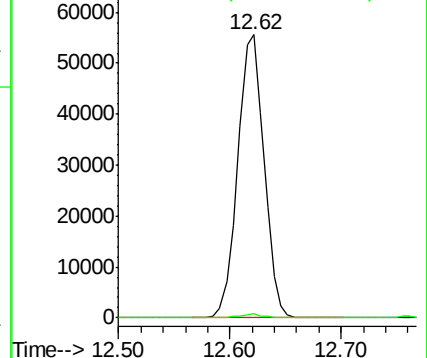
75 100

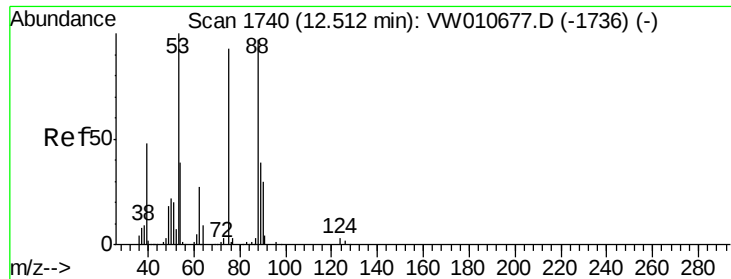
77 1.4 0.0 0.0#



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: 139.877 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010742.D

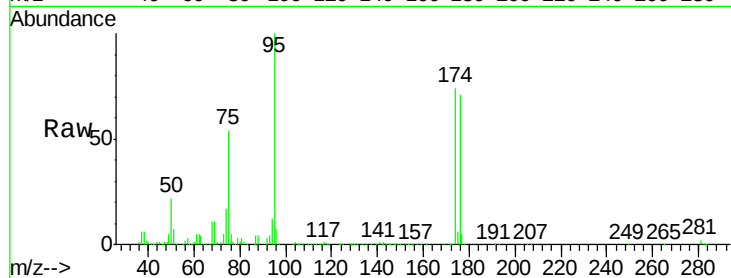
Acq: 10 Jun 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

SB-6 1.0-1.5 060719



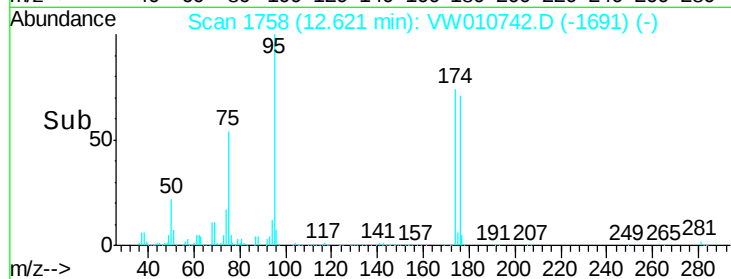
Tgt Ion: 75 Resp: 90649

Ion Ratio Lower Upper

75 100

53 0.1 90.1 135.1#

89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

