

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010749.D
 Acq On : 10 Jun 2019 17:03
 Operator : SY/VA
 Sample : K3273-09
 Misc : 4.55G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2 1.0-1.5 060719

Quant Time: Jun 11 05:27:07 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	206893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	149921	61.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.96%	
35) Dibromofluoromethane	7.88	113	111044	56.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.80%	
50) Toluene-d8	10.32	98	475178	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
62) 4-Bromofluorobenzene	12.62	95	171256	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	

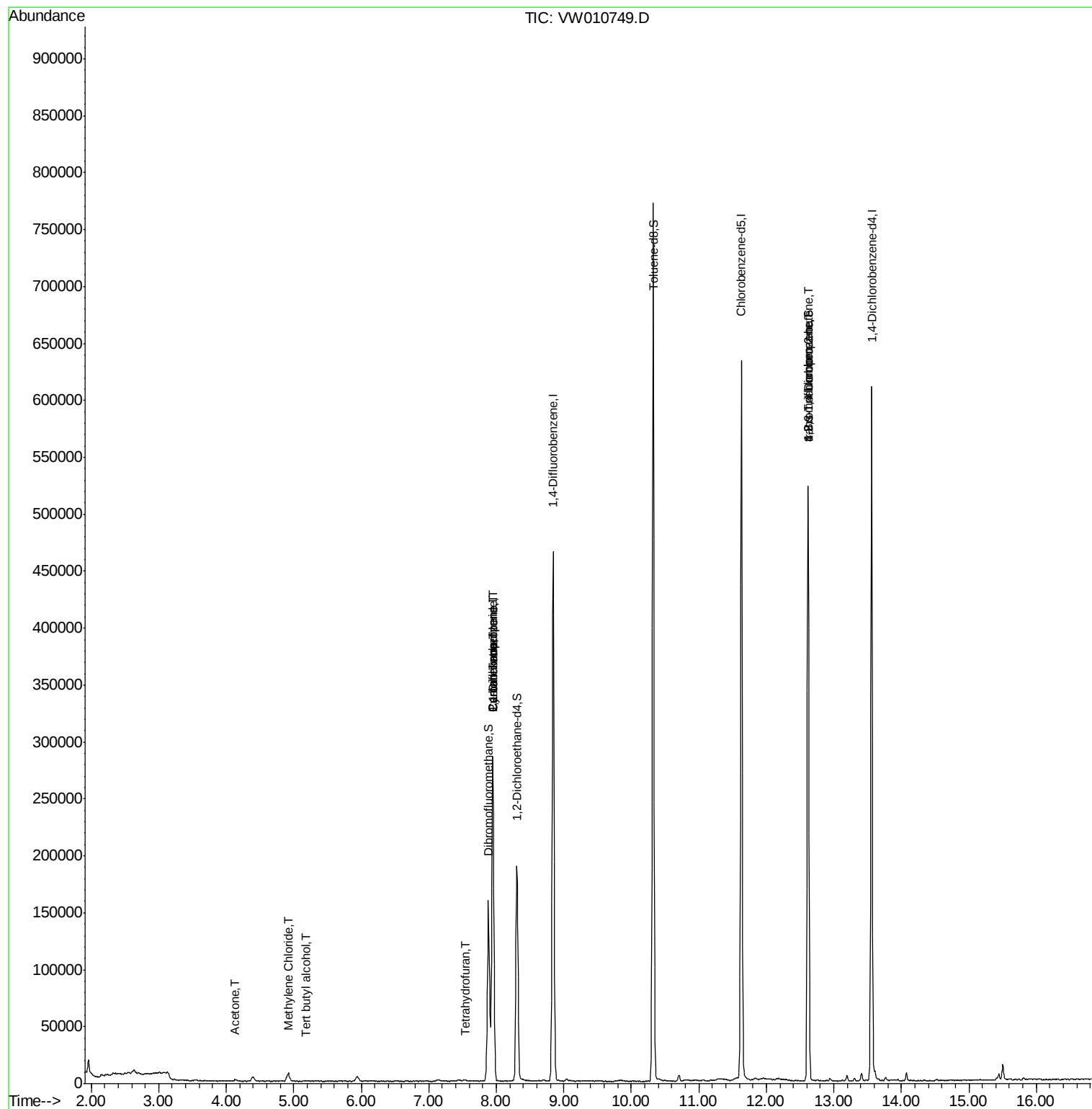
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.18	59	245	1.233	ug/l #	72
16) Acetone	4.13	43	3178	4.864	ug/l	95
20) Methylene Chloride	4.91	84	4222	1.842	ug/l	96
29) Tetrahydrofuran	7.54	42	617	1.083	ug/l #	81
31) Cyclohexane	7.95	56	5493	1.116	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	18655	5.024	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20639	6.439	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	94506	61.326	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	94506	140.946	ug/l #	5

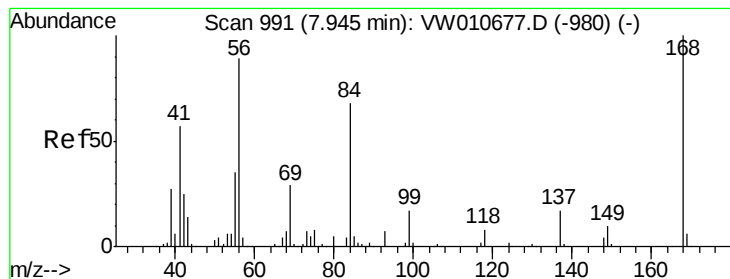
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
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SB-2_1.0-1.5_060719

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Quant Title : SW846 8260
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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: VW010749.D

Acq: 10 Jun 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

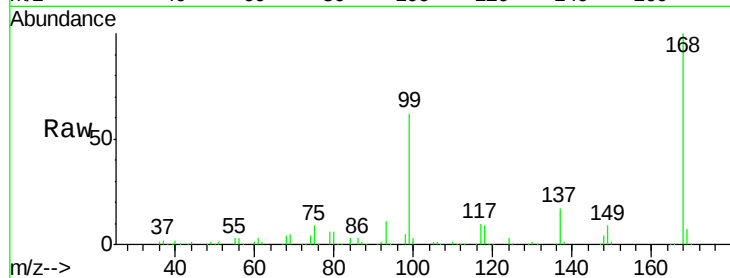
SB-2_1.0-1.5_060719

Tgt Ion: 168 Resp: 206893

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

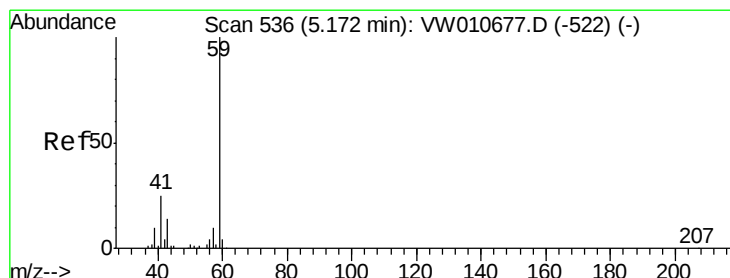
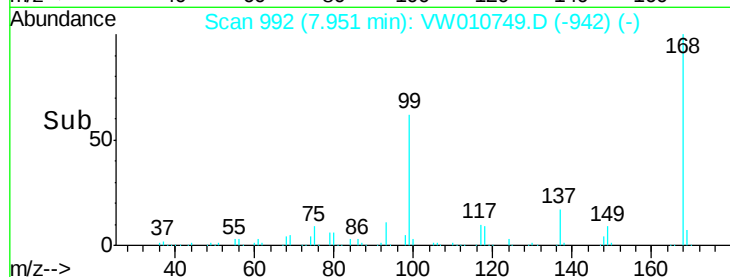
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.233 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW010749.D

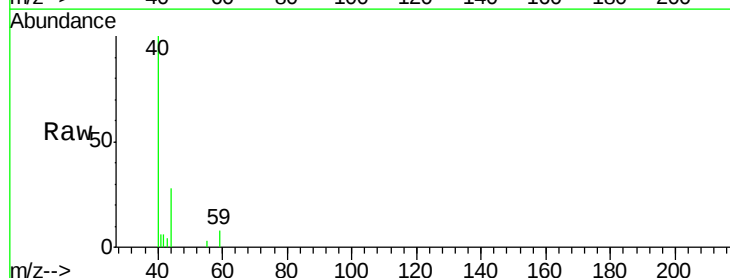
Acq: 10 Jun 2019 17:03

Tgt Ion: 59 Resp: 245

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

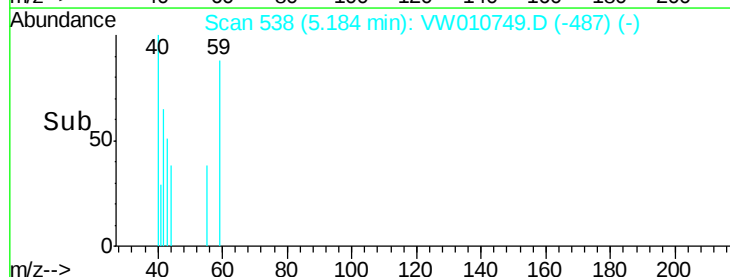
5.18

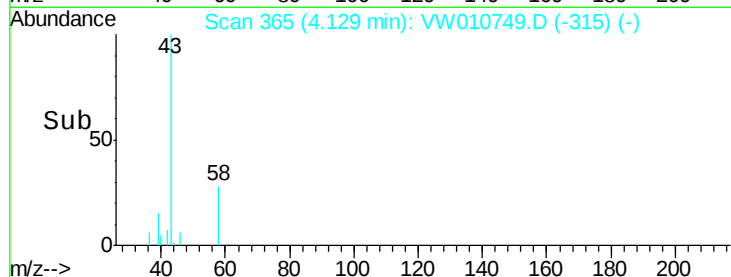
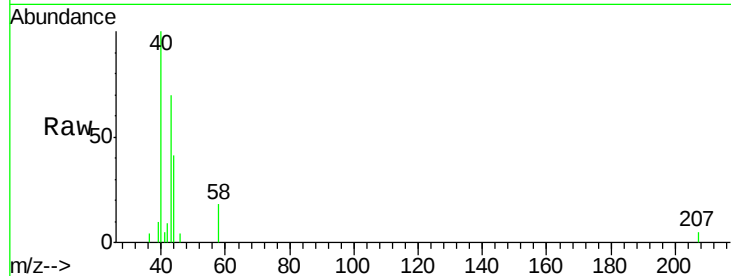
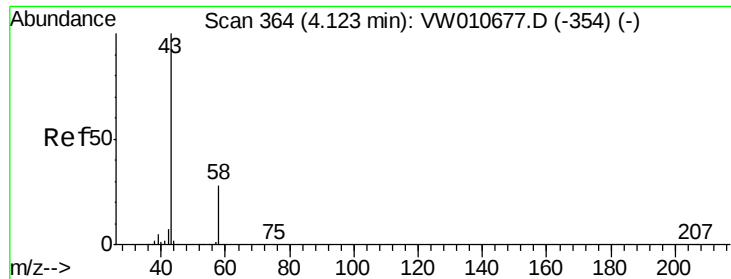
100

50

0

Time-->





#16

Acetone

Concen: 4.864 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010749.D

Acq: 10 Jun 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

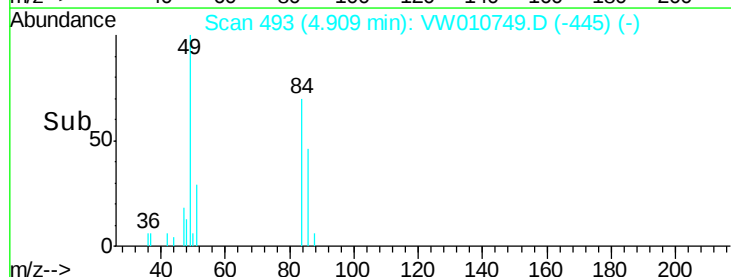
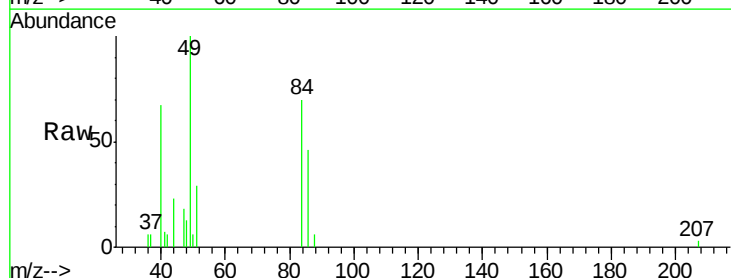
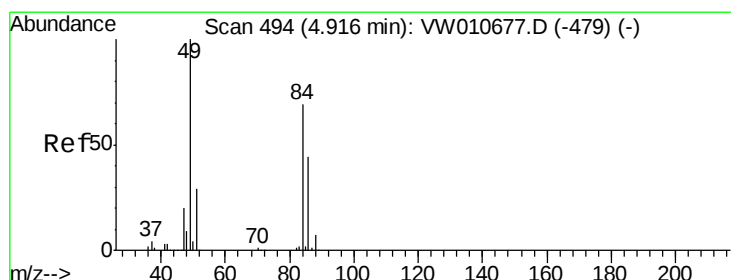
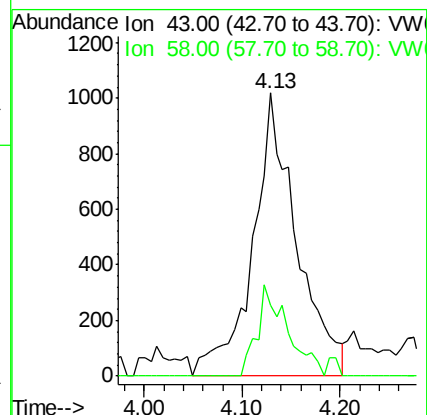
SB-2_1.0-1.5_060719

Tgt Ion: 43 Resp: 3178

Ion Ratio Lower Upper

43 100

58 25.0 22.1 33.1



#20

Methylene Chloride

Concen: 1.842 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010749.D

Acq: 10 Jun 2019 17:03

Tgt Ion: 84 Resp: 4222

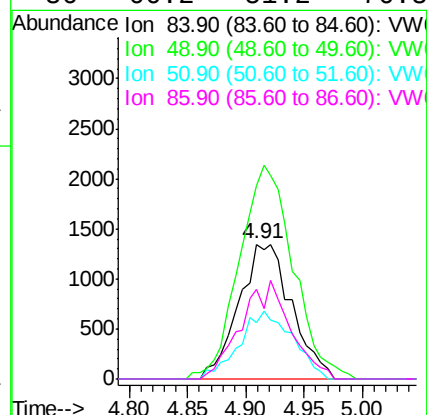
Ion Ratio Lower Upper

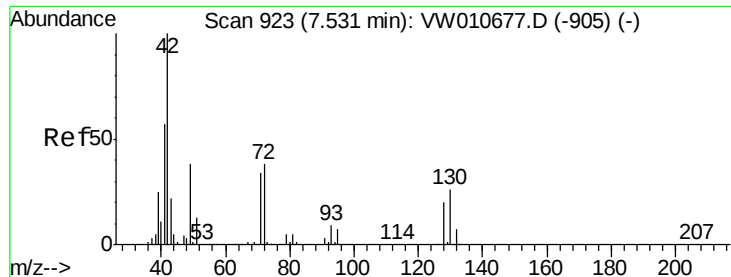
84 100

49 138.6 116.7 175.1

51 41.5 34.2 51.2

86 66.2 51.2 76.8

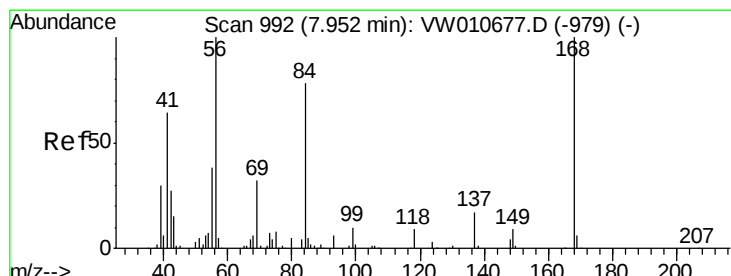
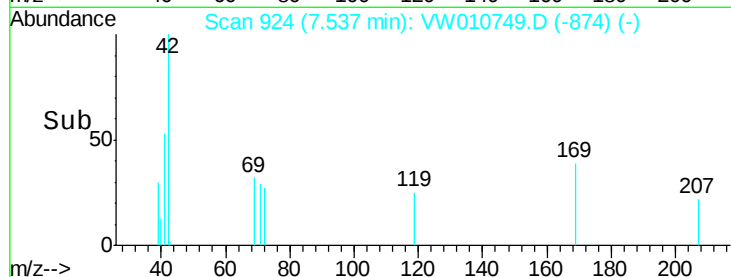
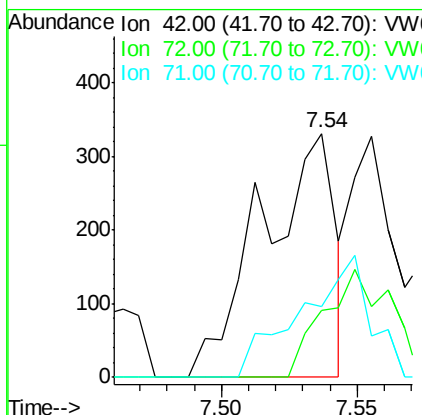
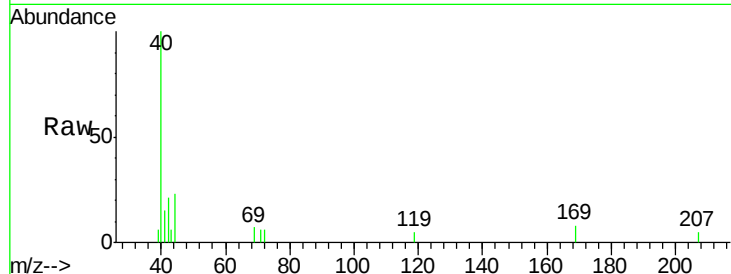




#29
Tetrahydrofuran
Concen: 1.083 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010749.D
Acq: 10 Jun 2019 17:03

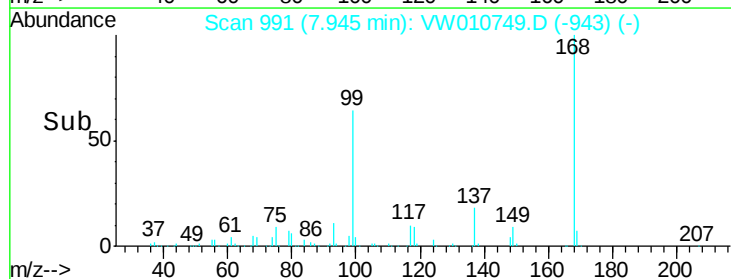
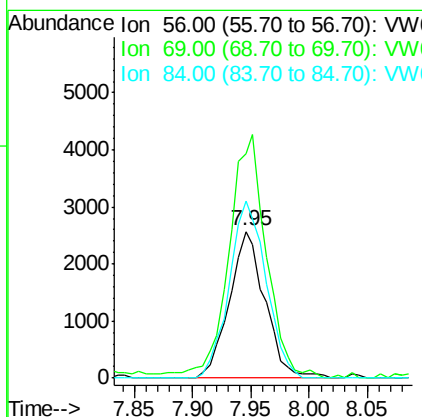
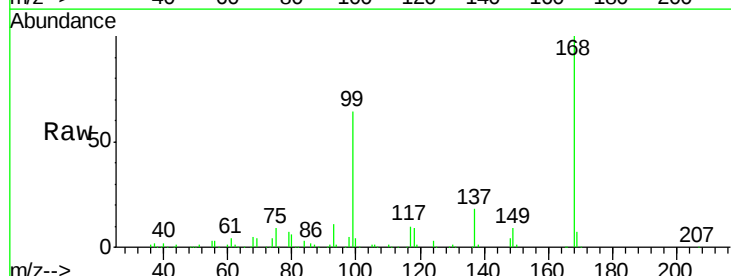
Instrument :
MSVOA_W
ClientSampleId :
SB-2_1.0-1.5_060719

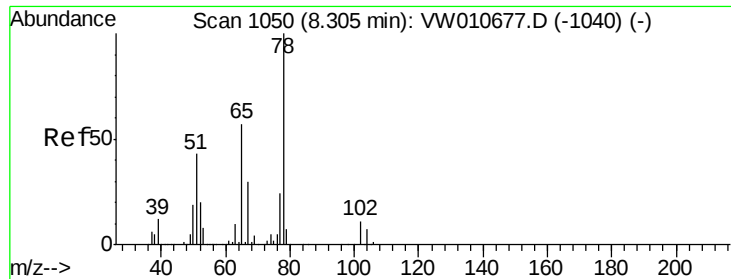
Tgt Ion: 42 Resp: 617
Ion Ratio Lower Upper
42 100
72 44.1 28.7 43.1#
71 47.5 26.6 39.8#



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010749.D
Acq: 10 Jun 2019 17:03

Tgt Ion: 56 Resp: 5493
Ion Ratio Lower Upper
56 100
69 150.8 25.2 37.8#
84 120.3 62.2 93.2#





#33

1,2-Dichloroethane-d4

Concen: 61.479 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010749.D

Acq: 10 Jun 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

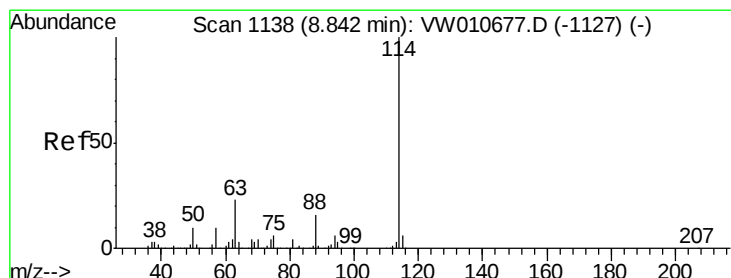
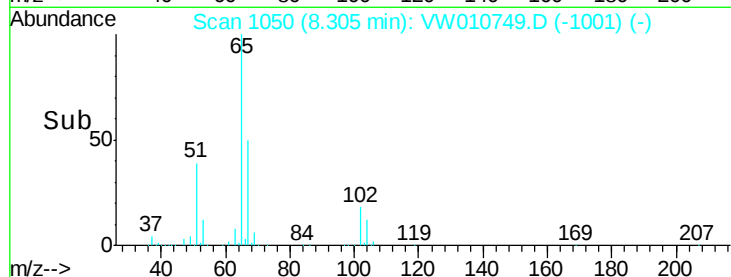
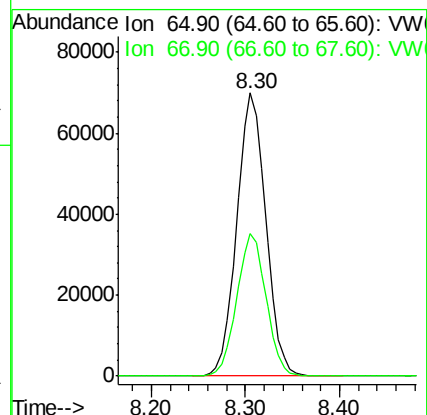
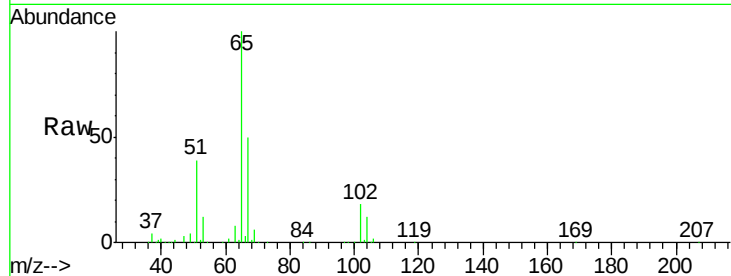
SB-2_1.0-1.5_060719

Tgt Ion: 65 Resp: 149921

Ion Ratio Lower Upper

65 100

67 50.9 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: VW010749.D

Acq: 10 Jun 2019 17:03

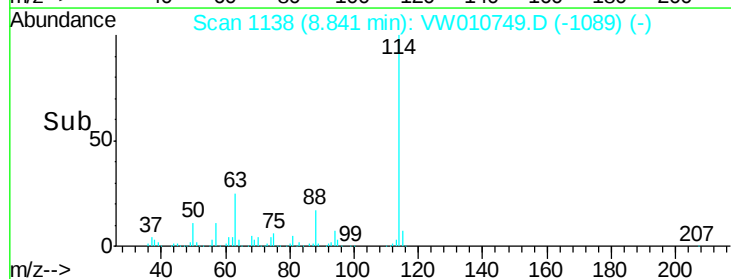
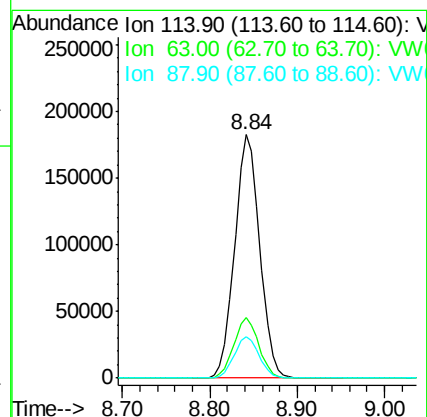
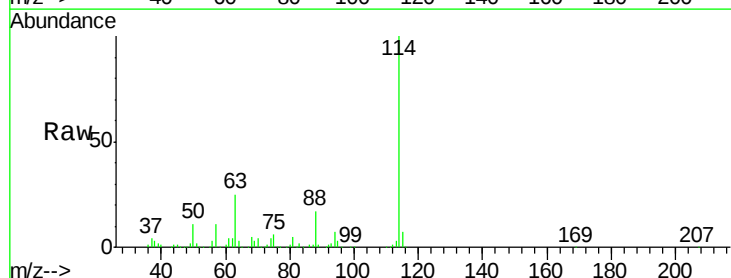
Tgt Ion: 114 Resp: 362764

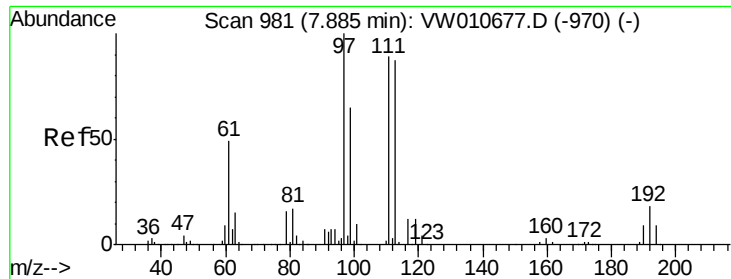
Ion Ratio Lower Upper

114 100

63 25.1 0.0 46.4

88 17.1 0.0 32.2

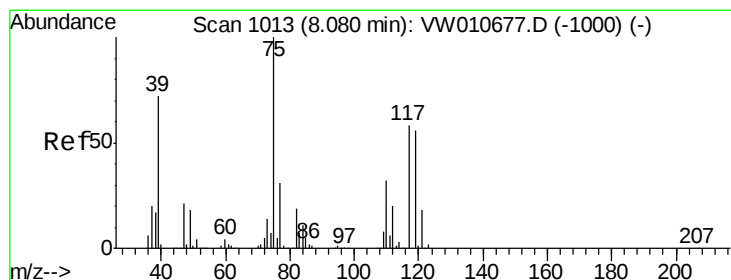
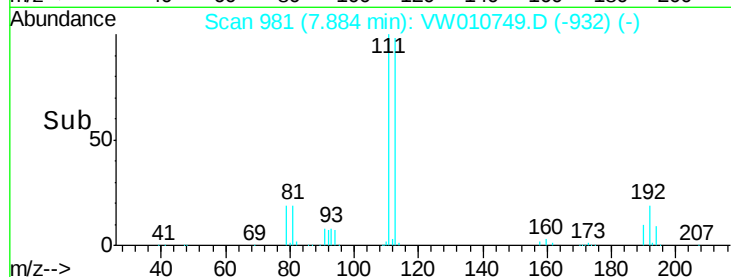
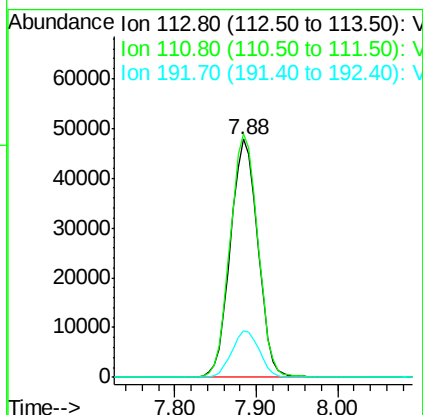
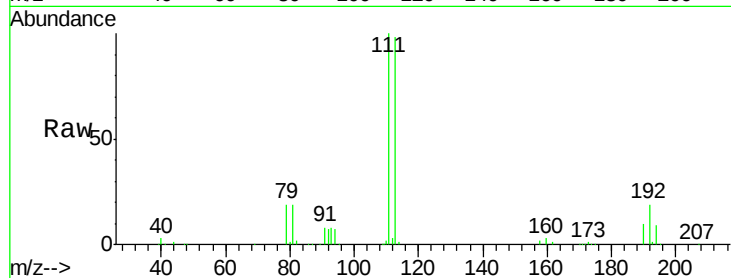




#35
 Dibromofluoromethane
 Concen: 56.396 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010749.D
 Acq: 10 Jun 2019 17:03

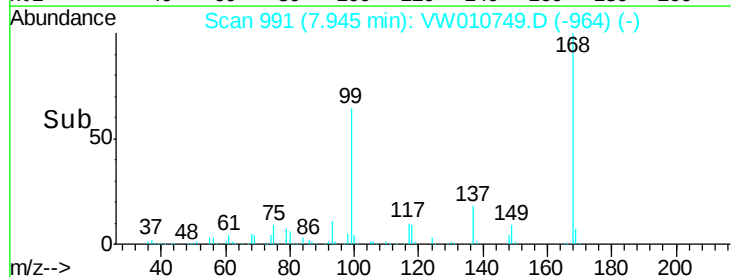
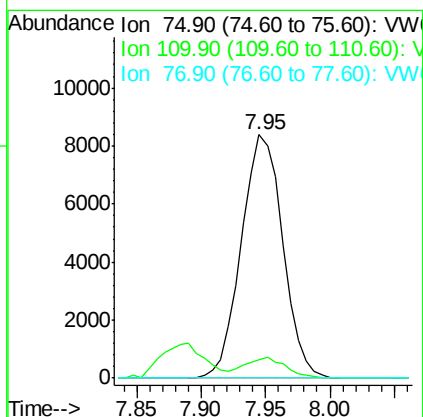
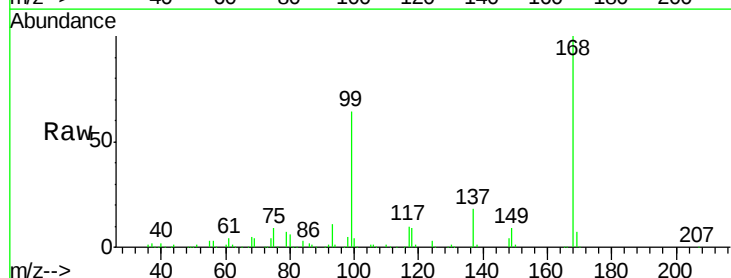
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2_1.0-1.5_060719

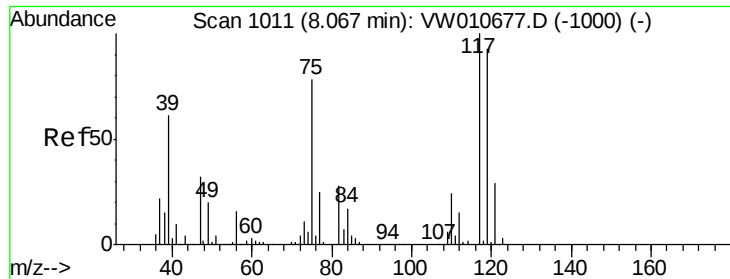
Tgt Ion:113 Resp: 111044
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 123.8
 192 19.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 5.024 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010749.D
 Acq: 10 Jun 2019 17:03

Tgt Ion: 75 Resp: 18655
 Ion Ratio Lower Upper
 75 100
 110 8.4 15.8 47.3#
 77 0.0 24.7 37.1#

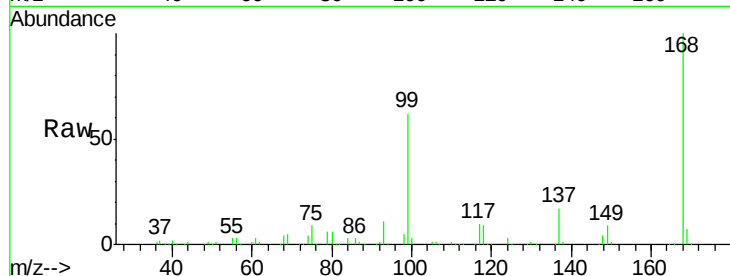




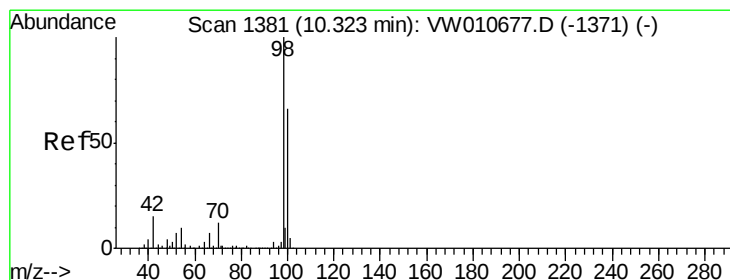
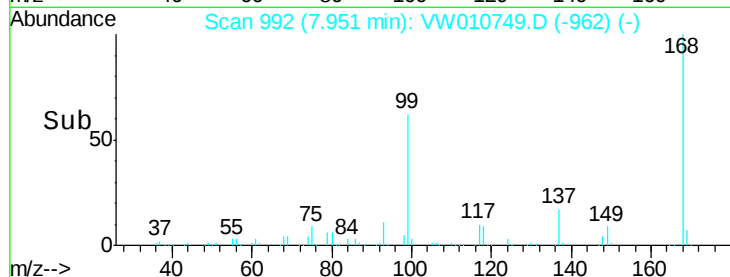
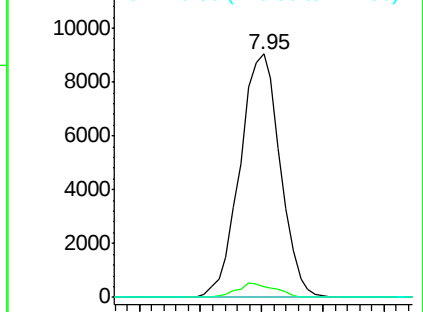
#38
Carbon Tetrachloride
Concen: 6.439 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010749.D
Acq: 10 Jun 2019 17:03

Instrument :
MSVOA_W
ClientSampleId :
SB-2_1.0-1.5_060719

Tgt Ion: 117 Resp: 20639
Ion Ratio Lower Upper
117 100
119 4.2 74.2 111.4#
121 0.0 22.9 34.3#

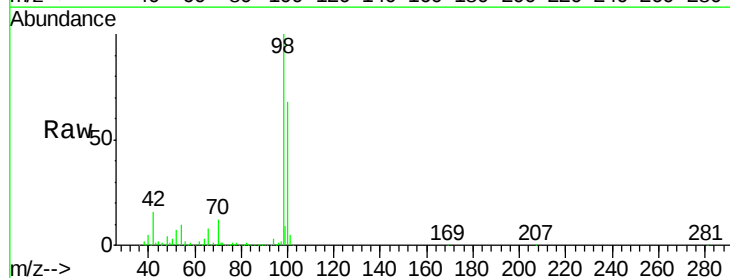


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

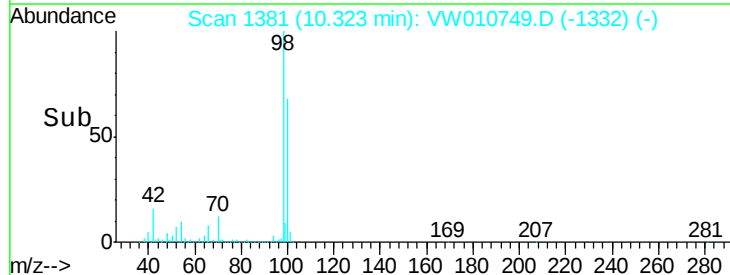
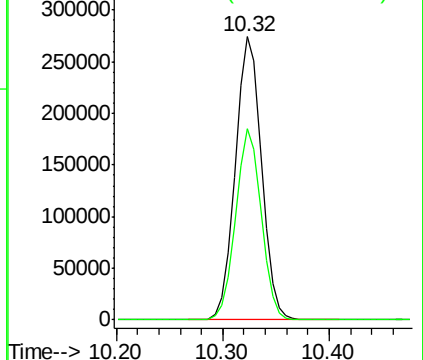


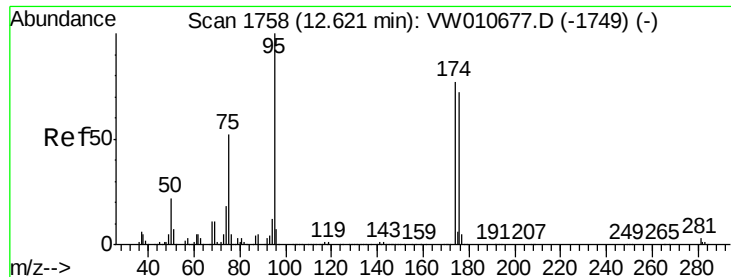
#50
Toluene-d8
Concen: 55.034 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010749.D
Acq: 10 Jun 2019 17:03

Tgt Ion: 98 Resp: 475178
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



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

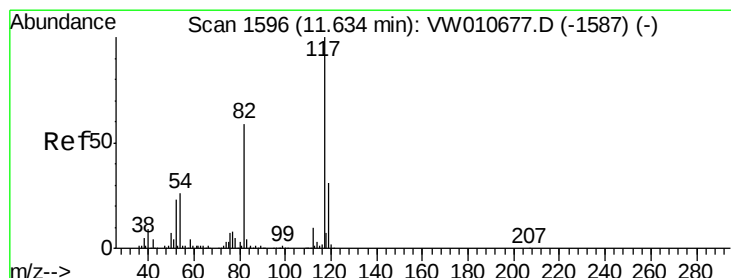
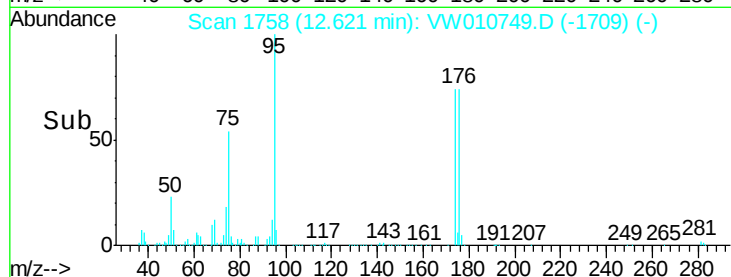
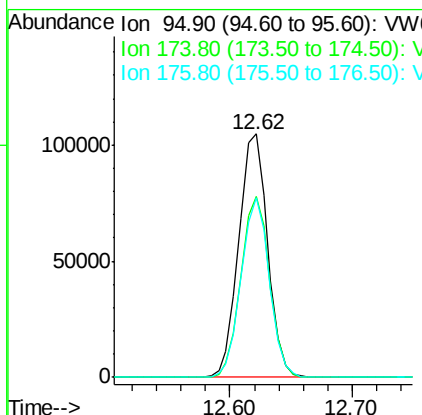
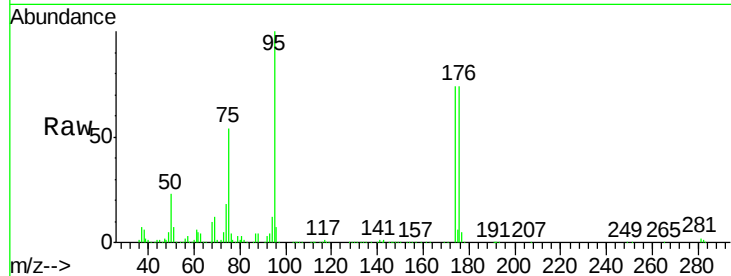




#62
4-Bromofluorobenzene
Concen: 54.507 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010749.D
Acq: 10 Jun 2019 17:03

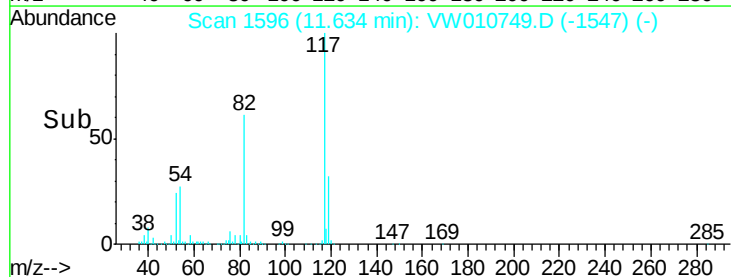
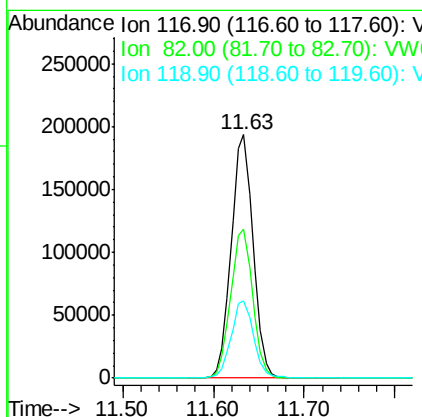
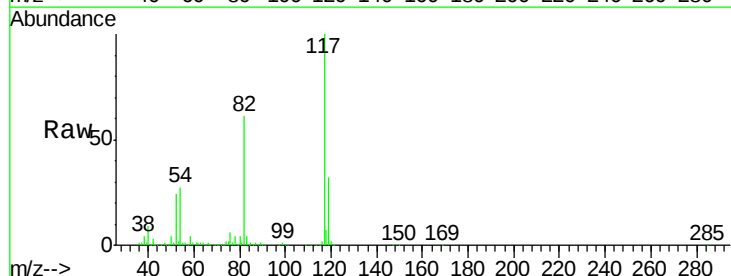
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SB-2_1.0-1.5_060719

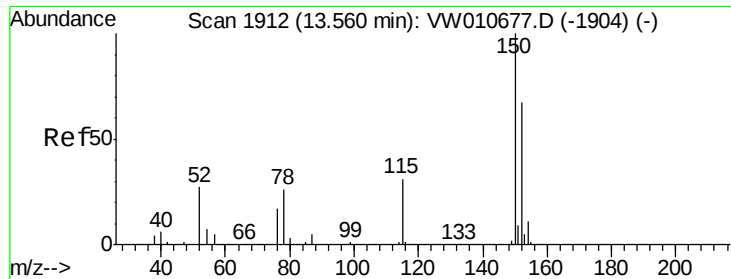
Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	150.4
176	72.1	0.0	144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010749.D
Acq: 10 Jun 2019 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.2	47.0	70.4
119	31.6	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: VW010749.D

Acq: 10 Jun 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

SB-2_1.0-1.5_060719

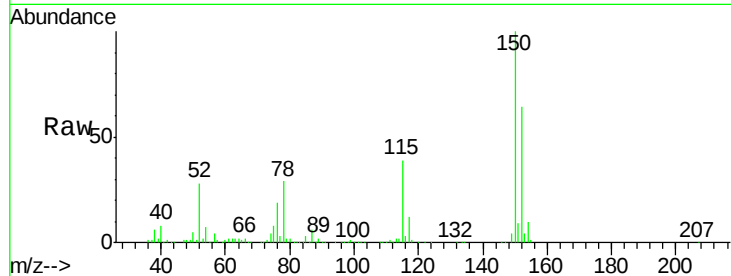
Tgt Ion:152 Resp: 146748

Ion Ratio Lower Upper

152 100

115 61.0 29.8 89.3

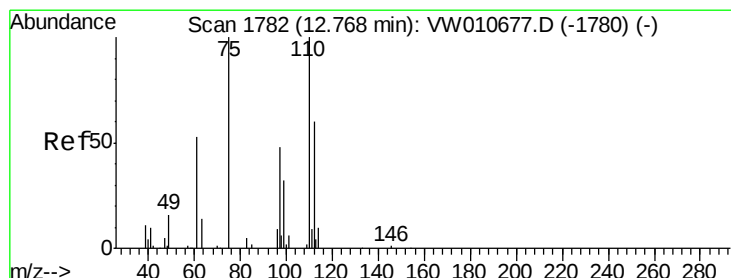
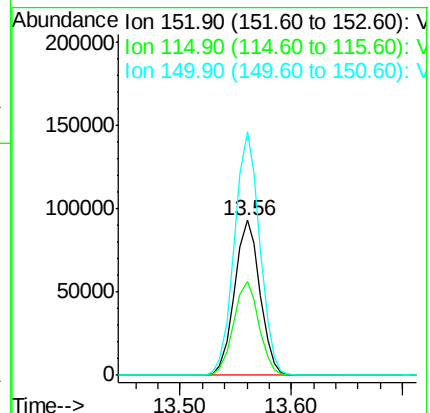
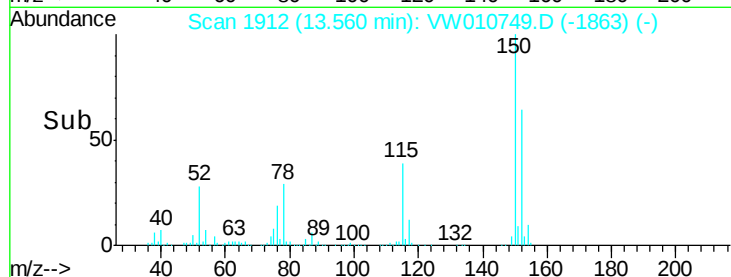
150 157.2 0.0 345.0



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: 61.326 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010749.D

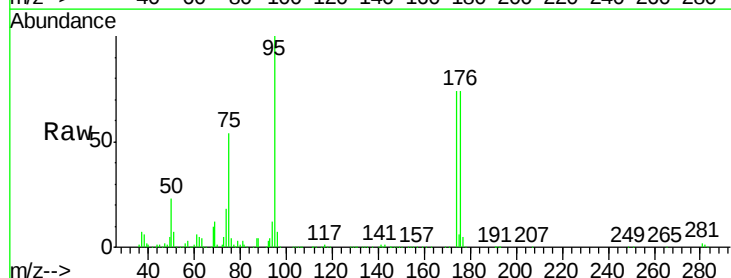
Acq: 10 Jun 2019 17:03

Tgt Ion: 75 Resp: 94506

Ion Ratio Lower Upper

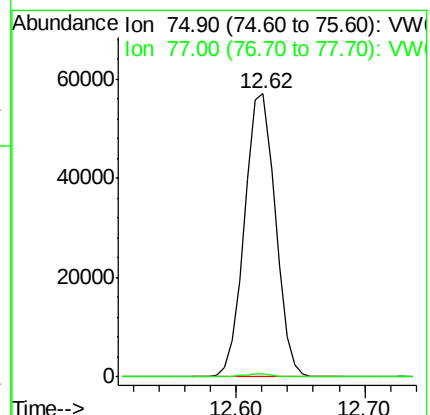
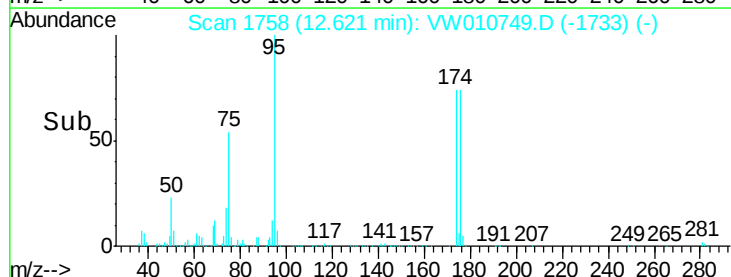
75 100

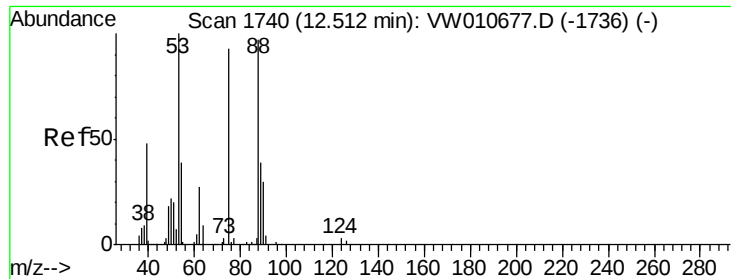
77 1.1 0.0 0.0#



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: 140.946 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010749.D

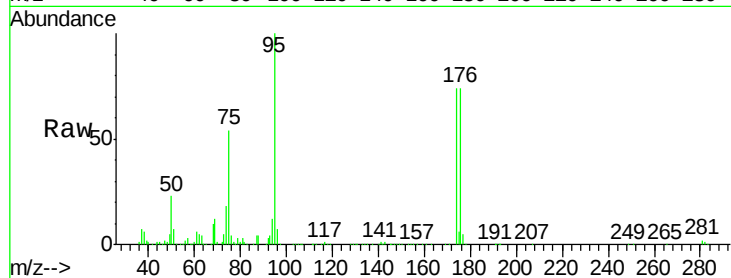
Acq: 10 Jun 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

SB-2_1.0-1.5_060719



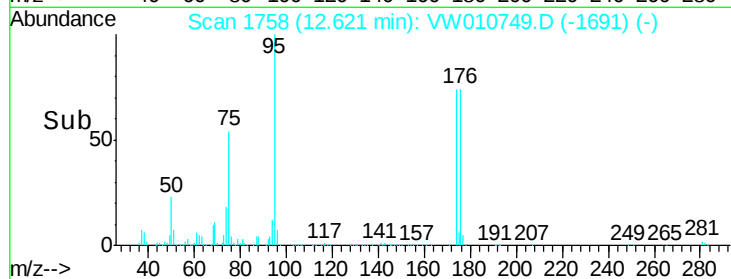
Tgt Ion: 75 Resp: 94506

Ion Ratio Lower Upper

75 100

53 0.0 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

