

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010751.D
 Acq On : 10 Jun 2019 17:59
 Operator : SY/VA
 Sample : K3273-11
 Misc : 5.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3 1.0-1.5 060719

Quant Time: Jun 11 05:27:32 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

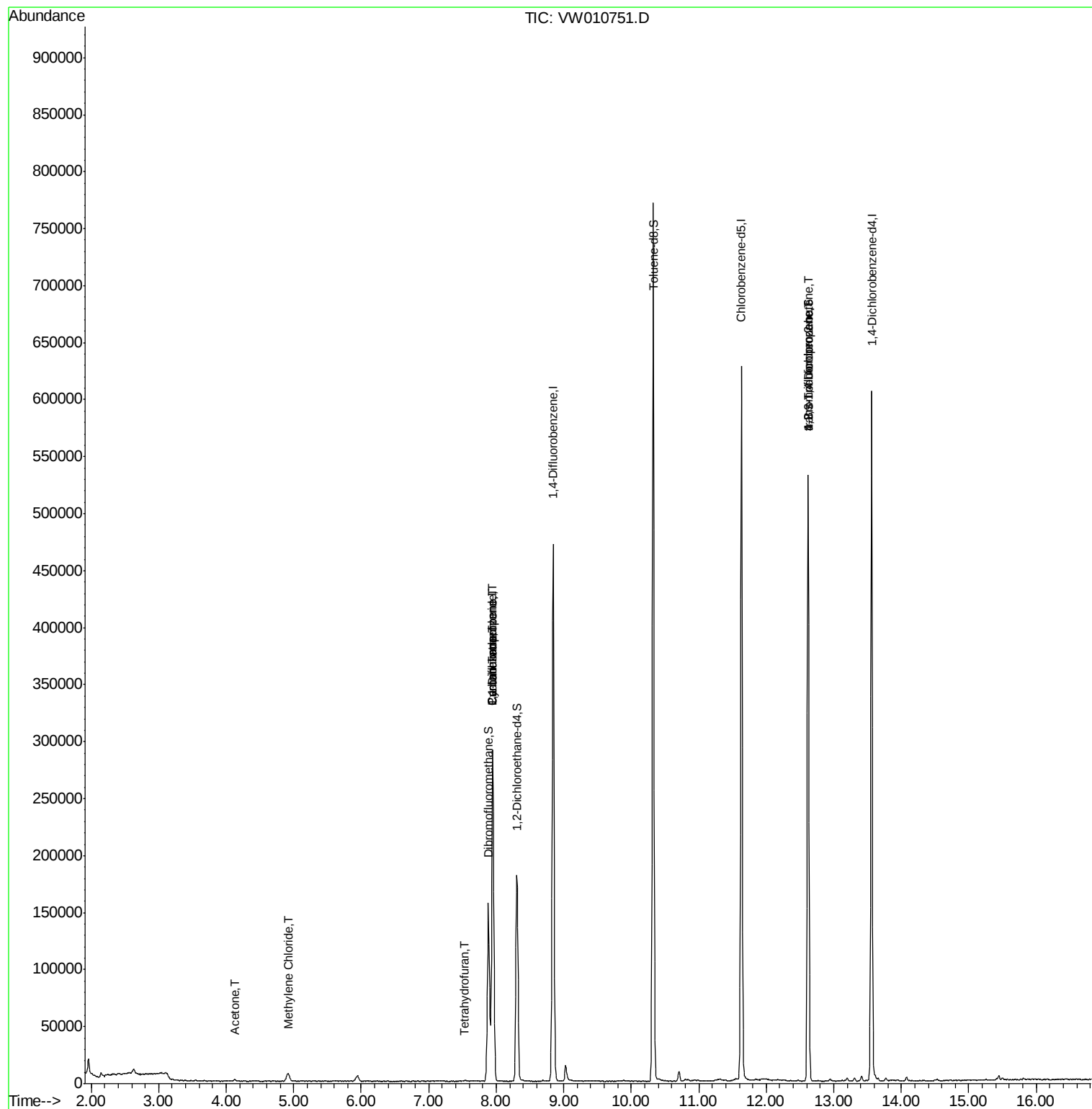
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146577	59.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.02%	
35) Dibromofluoromethane	7.88	113	109966	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
50) Toluene-d8	10.32	98	478661	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
62) 4-Bromofluorobenzene	12.62	95	171670	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	3197	4.845	ug/l #	82
20) Methylene Chloride	4.92	84	4837	2.089	ug/l	91
29) Tetrahydrofuran	7.54	42	948	1.647	ug/l #	71
31) Cyclohexane	7.95	56	5340	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18322	4.917	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21545	6.698	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	93486	60.482	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	93486	139.007	ug/l #	5

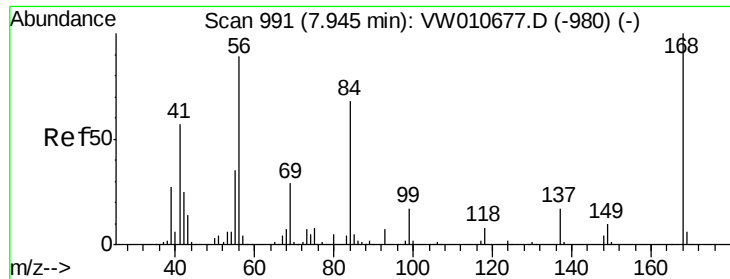
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
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SB-3_1.0-1.5_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: VW010751.D

Acq: 10 Jun 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

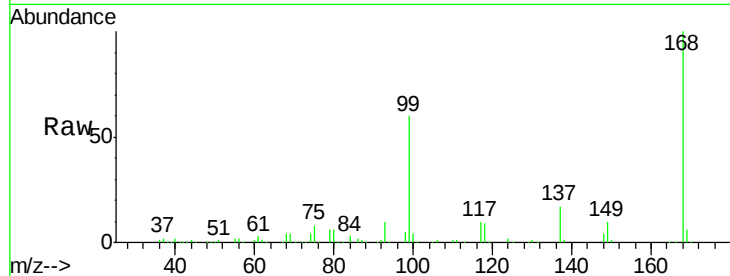
SB-3 1.0-1.5 060719

Tgt Ion:168 Resp: 208953

Ion Ratio Lower Upper

168 100

99 60.3 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

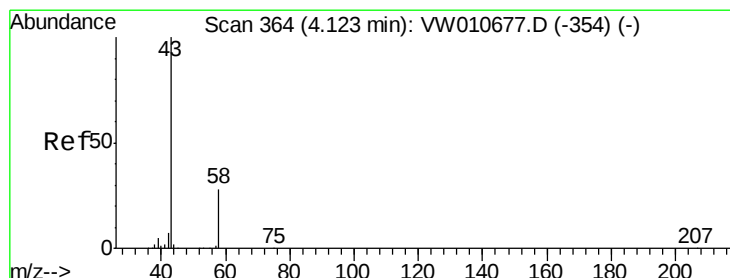
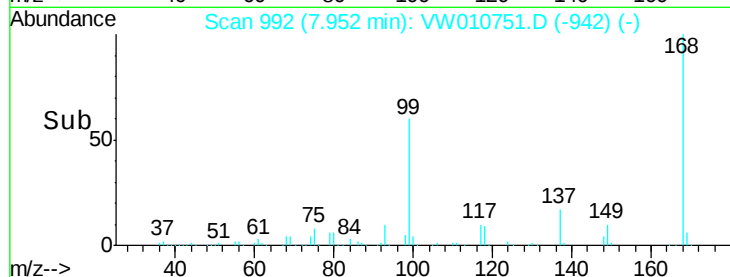
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.845 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010751.D

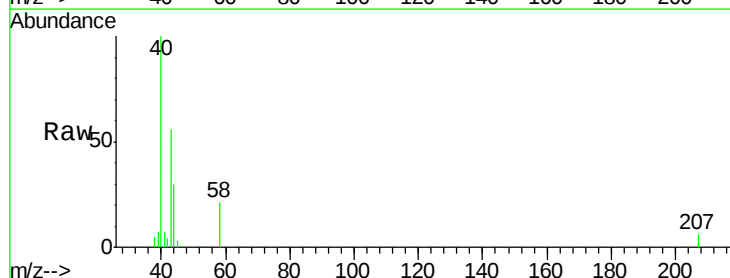
Acq: 10 Jun 2019 17:59

Tgt Ion: 43 Resp: 3197

Ion Ratio Lower Upper

43 100

58 37.2 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1000

800

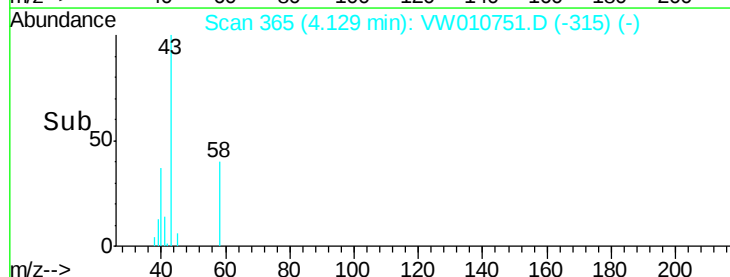
600

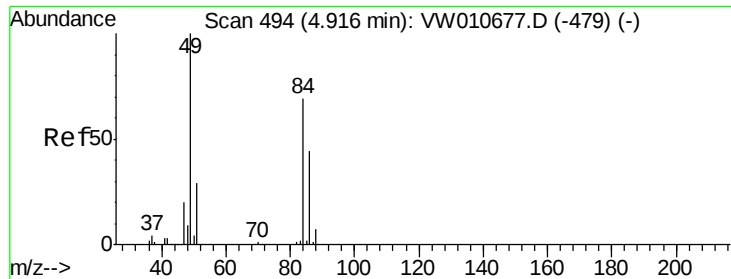
400

200

0

Time-->

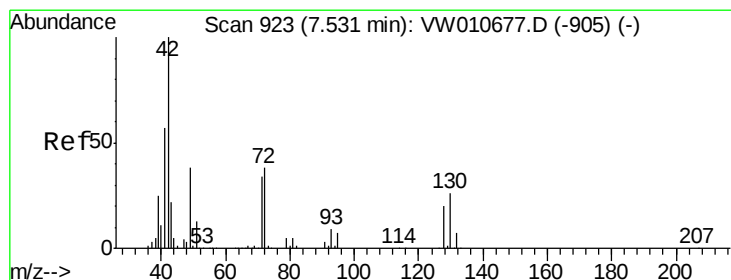
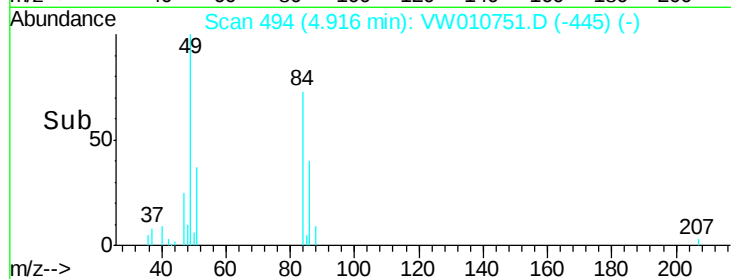
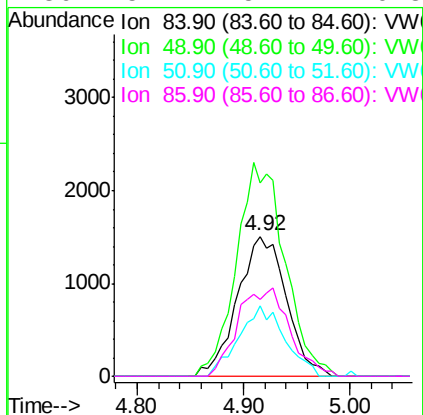
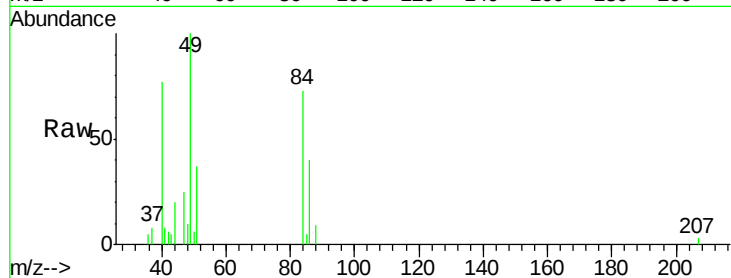




#20
Methylene Chloride
Concen: 2.089 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010751.D
Acq: 10 Jun 2019 17:59

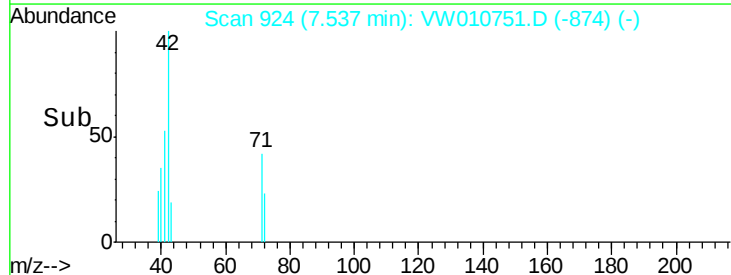
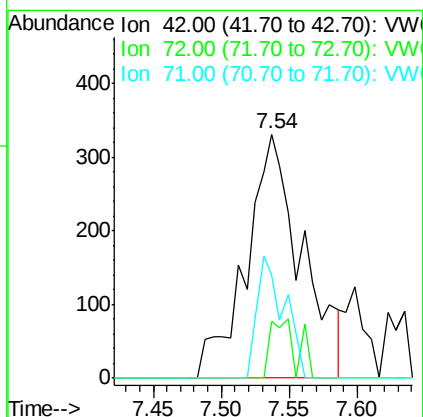
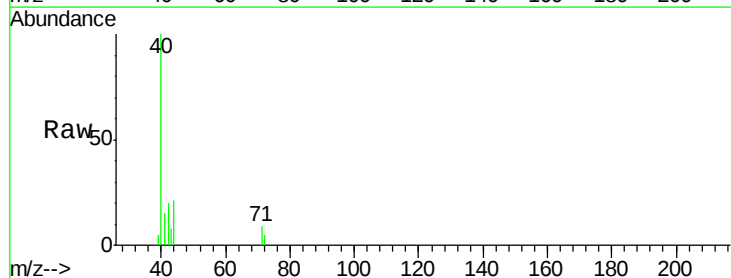
Instrument :
MSVOA_W
ClientSampleId :
SB-3 1.0-1.5 060719

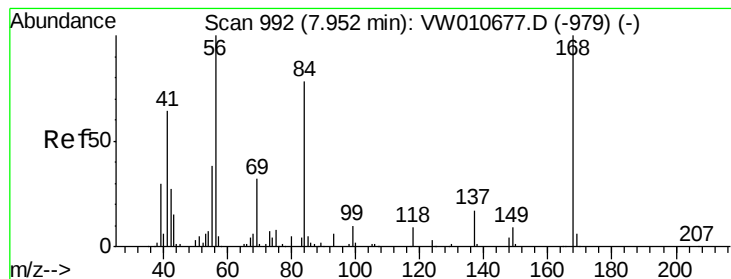
Tgt Ion: 84 Resp: 4837
Ion Ratio Lower Upper
84 100
49 137.8 116.7 175.1
51 50.6 34.2 51.2
86 54.7 51.2 76.8



#29
Tetrahydrofuran
Concen: 1.647 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010751.D
Acq: 10 Jun 2019 17:59

Tgt Ion: 42 Resp: 948
Ion Ratio Lower Upper
42 100
72 11.5 28.7 43.1#
71 24.7 26.6 39.8#





#31

Cyclohexane

Concen: 1.075 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010751.D

Acq: 10 Jun 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

SB-3 1.0-1.5 060719

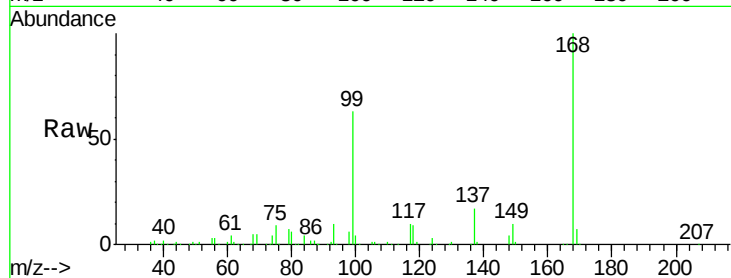
Tgt Ion: 56 Resp: 5340

Ion Ratio Lower Upper

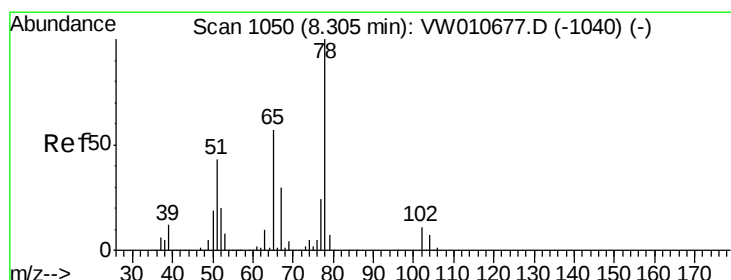
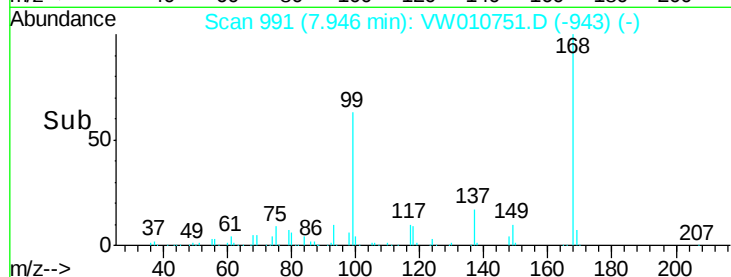
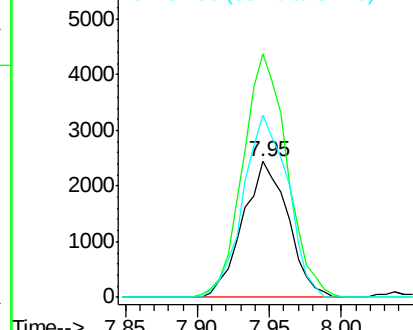
56 100

69 179.5 25.2 37.8#

84 134.1 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: 59.515 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010751.D

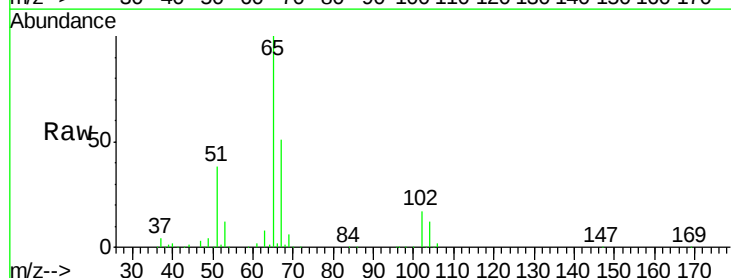
Acq: 10 Jun 2019 17:59

Tgt Ion: 65 Resp: 146577

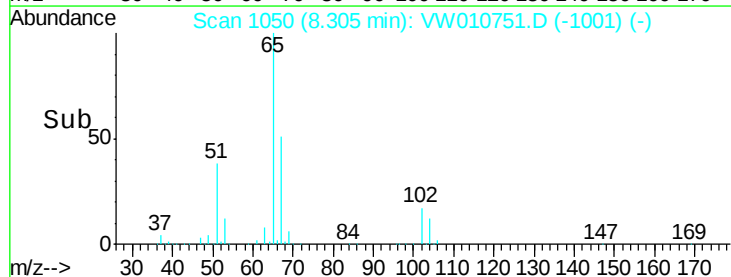
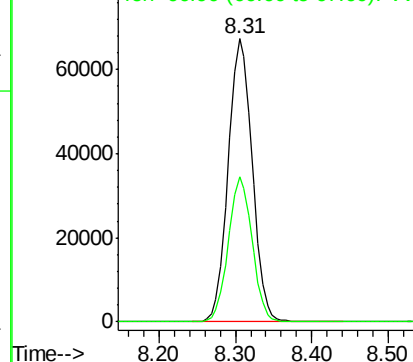
Ion Ratio Lower Upper

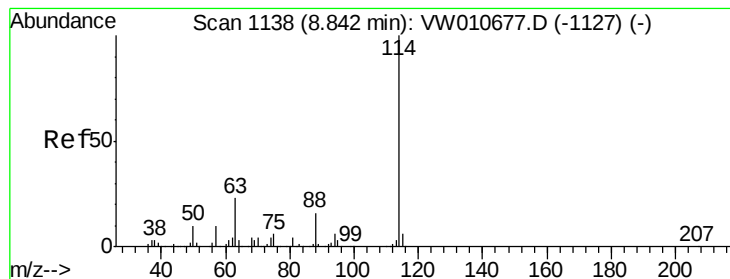
65 100

67 50.7 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: VW010751.D

Acq: 10 Jun 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

SB-3 1.0-1.5 060719

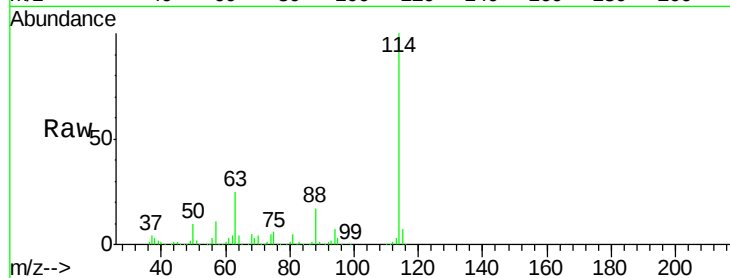
Tgt Ion:114 Resp: 364005

Ion Ratio Lower Upper

114 100

63 25.3 0.0 46.4

88 16.8 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

250000

200000

150000

100000

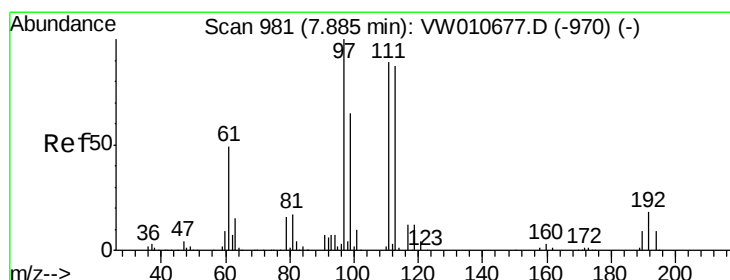
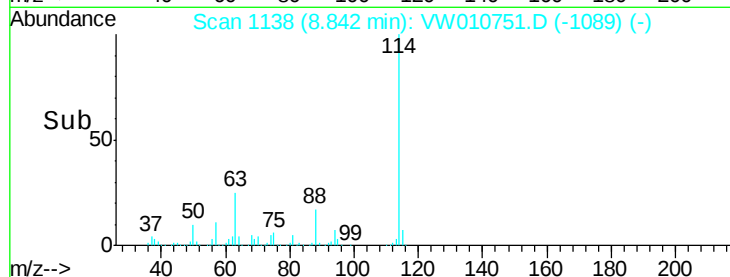
50000

0

8.84

8.70 8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 55.658 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010751.D

Acq: 10 Jun 2019 17:59

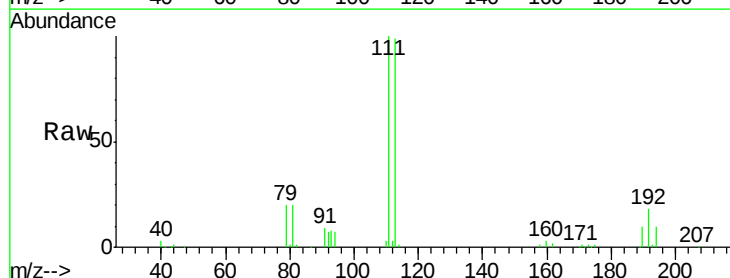
Tgt Ion:113 Resp: 109966

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 19.9 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

60000

50000

40000

30000

20000

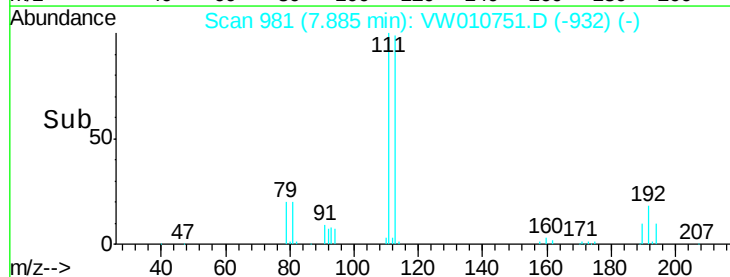
10000

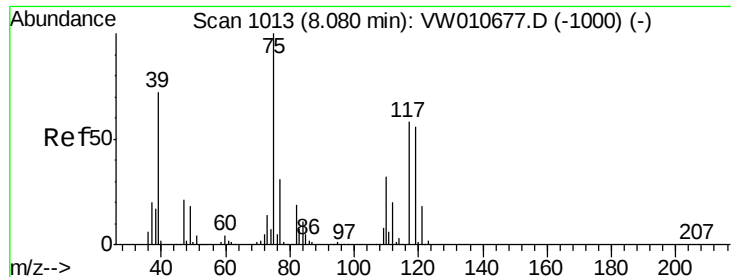
0

7.88

7.80 7.90 8.00

Time-->

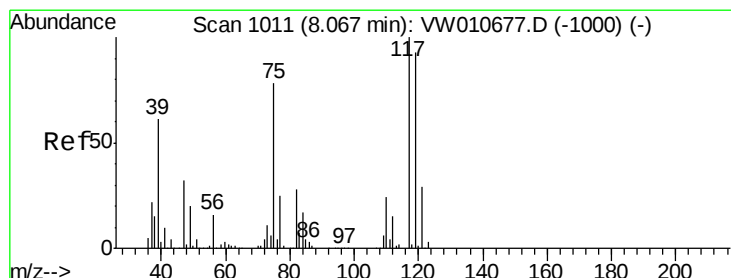
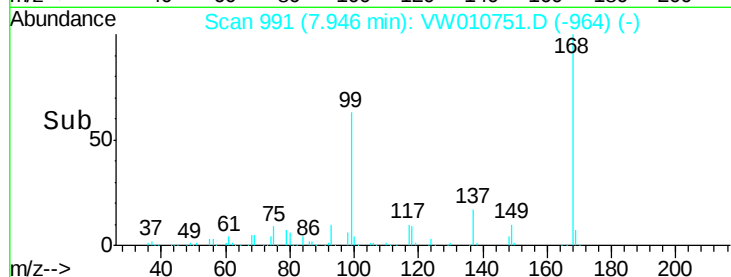
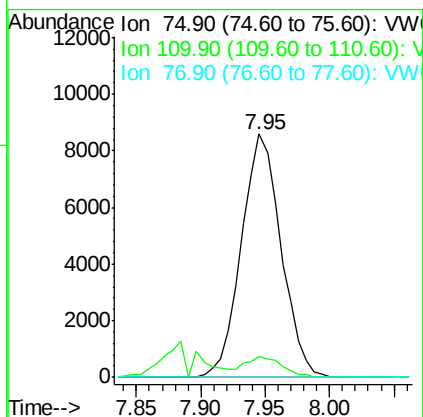
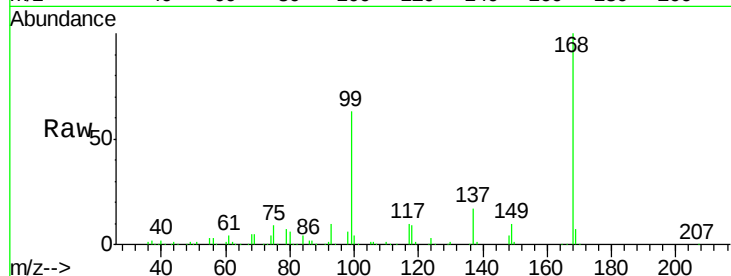




#36
 1,1-Dichloropropene
 Concen: 4.917 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010751.D
 Acq: 10 Jun 2019 17:59

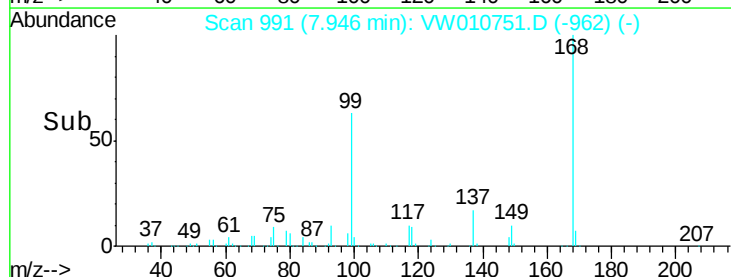
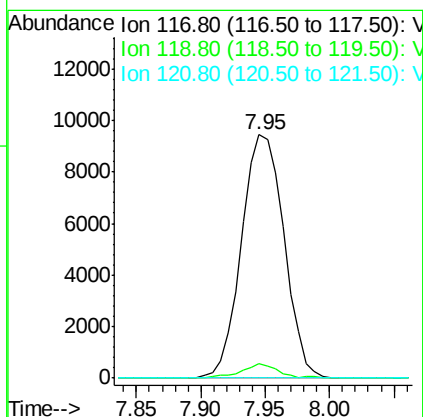
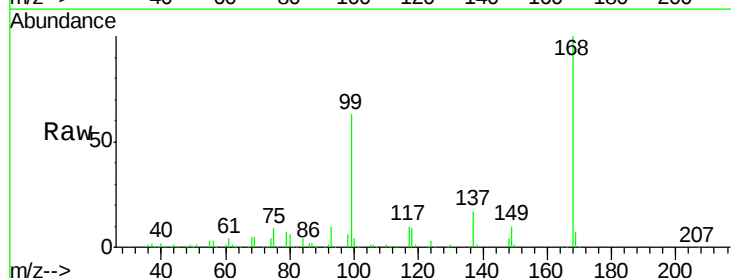
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3 1.0-1.5 060719

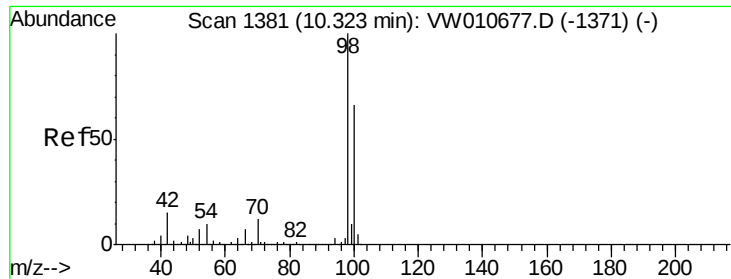
Tgt Ion: 75 Resp: 18322
 Ion Ratio Lower Upper
 75 100
 110 7.8 15.8 47.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.698 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010751.D
 Acq: 10 Jun 2019 17:59

Tgt Ion: 117 Resp: 21545
 Ion Ratio Lower Upper
 117 100
 119 6.1 74.2 111.4#
 121 0.0 22.9 34.3#

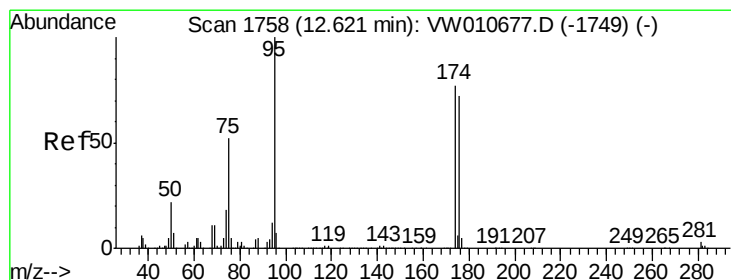
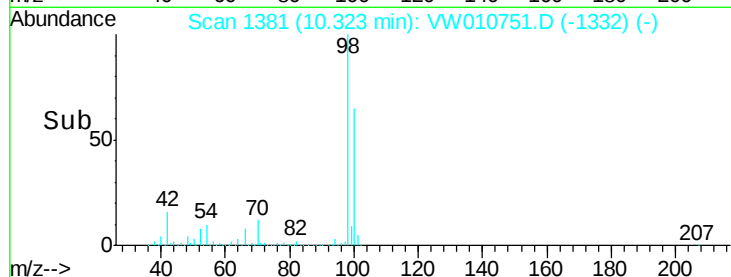
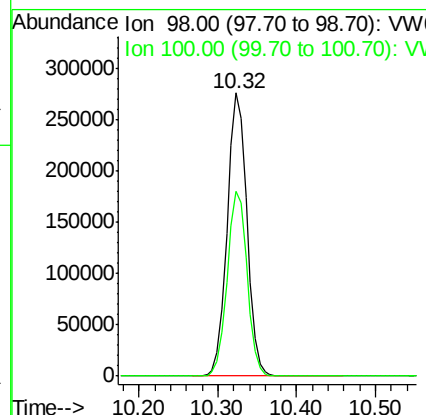
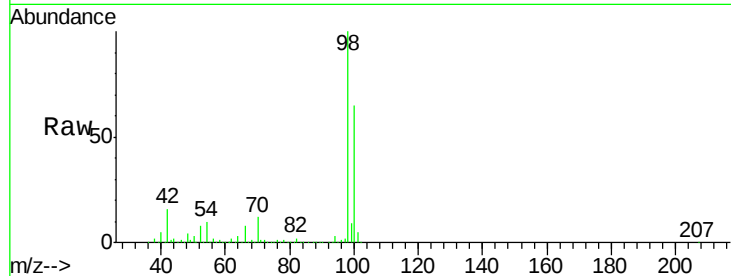




#50
Toluene-d8
Concen: 55.248 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010751.D
Acq: 10 Jun 2019 17:59

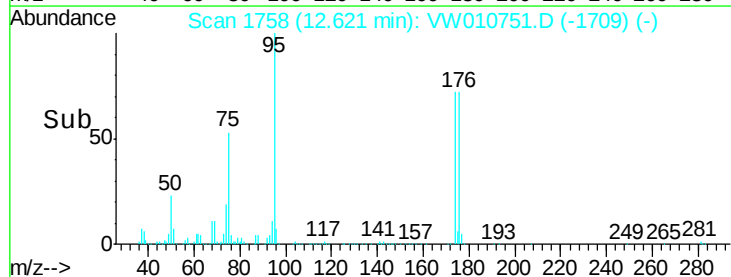
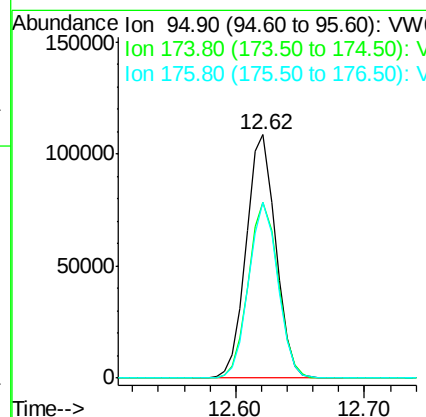
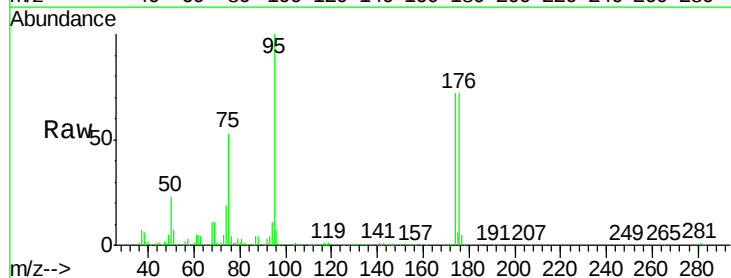
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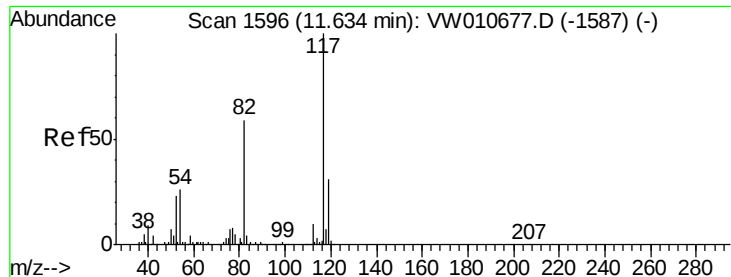
Tgt Ion: 98 Resp: 478661
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 54.452 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010751.D
Acq: 10 Jun 2019 17:59

Tgt Ion: 95 Resp: 171670
Ion Ratio Lower Upper
95 100
174 72.9 0.0 150.4
176 70.8 0.0 144.8

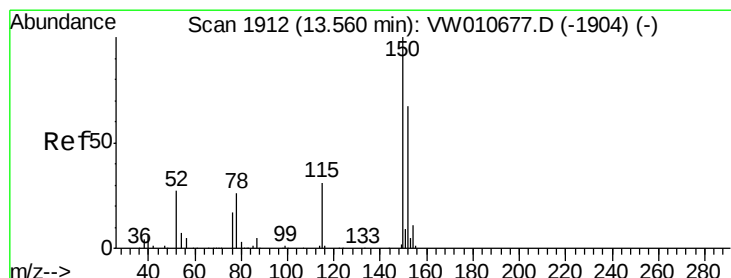
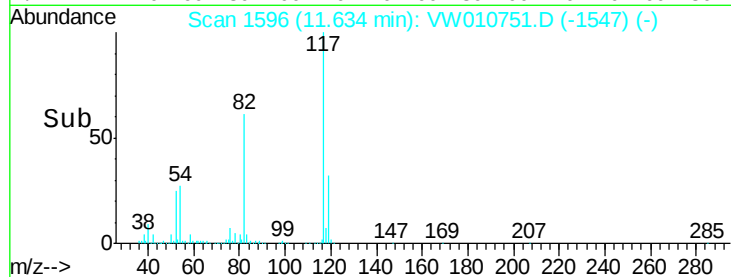
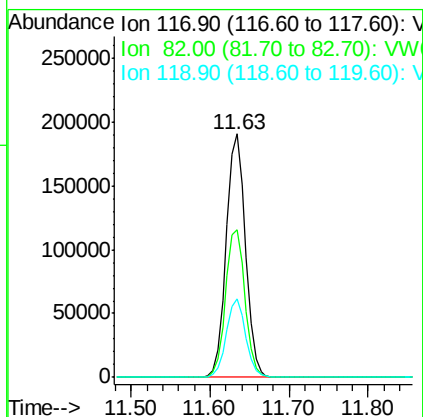
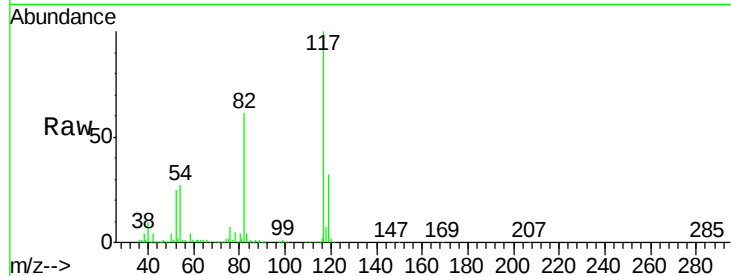




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010751.D
Acq: 10 Jun 2019 17:59

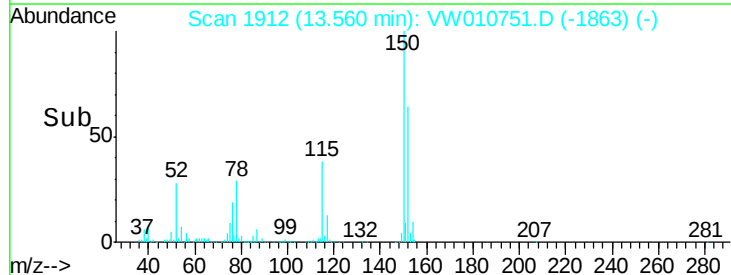
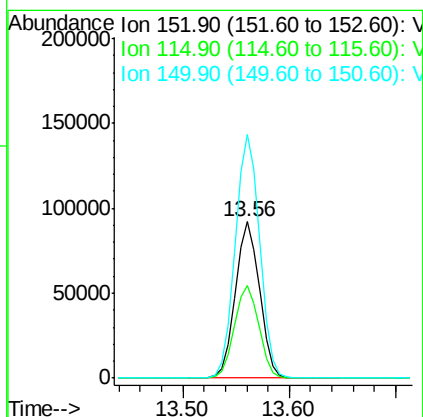
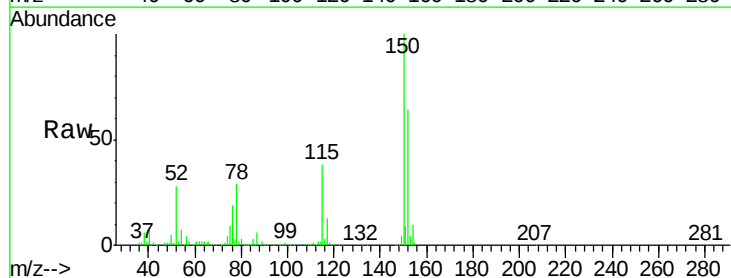
Instrument :
MSVOA_W
ClientSampleId :
SB-3 1.0-1.5 060719

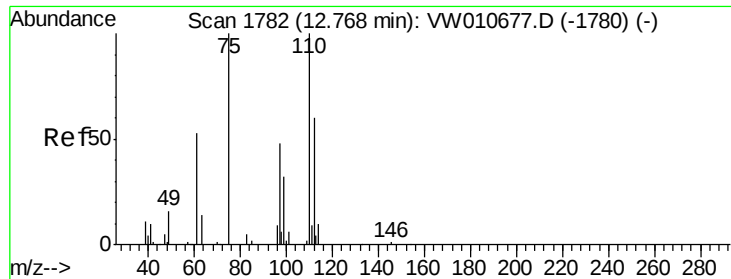
Tgt Ion:117 Resp: 323257
Ion Ratio Lower Upper
117 100
82 60.8 47.0 70.4
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010751.D
Acq: 10 Jun 2019 17:59

Tgt Ion:152 Resp: 147189
Ion Ratio Lower Upper
152 100
115 59.7 29.8 89.3
150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 60.482 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010751.D

Acq: 10 Jun 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

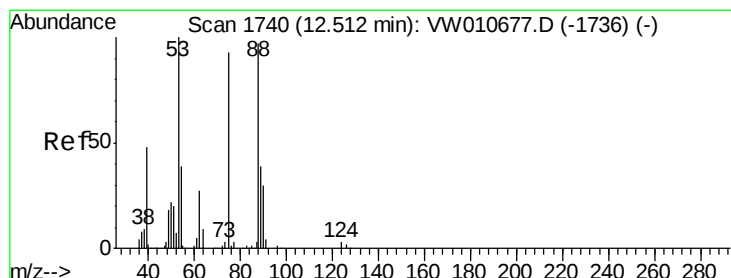
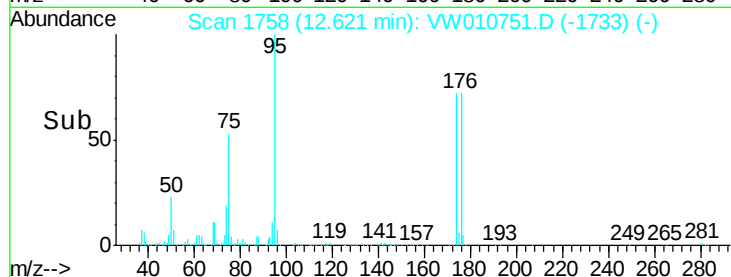
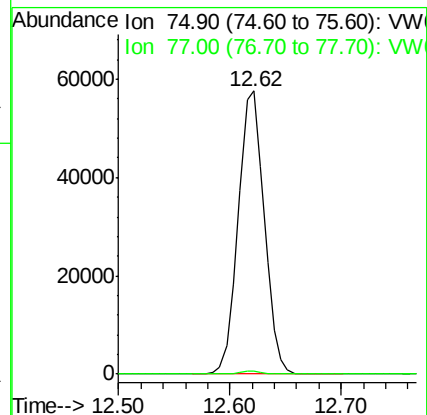
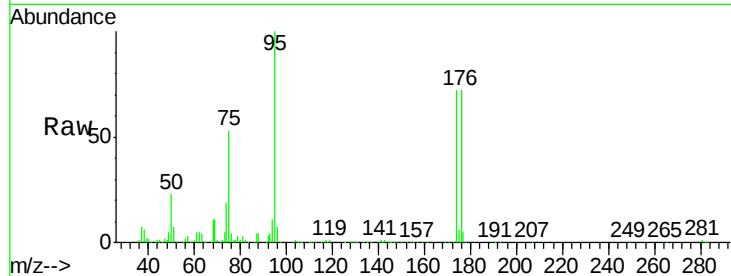
SB-3 1.0-1.5 060719

Tgt Ion: 75 Resp: 93486

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.007 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010751.D

Acq: 10 Jun 2019 17:59

Tgt Ion: 75 Resp: 93486

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

