

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010752.D
 Acq On : 10 Jun 2019 18:26
 Operator : SY/VA
 Sample : K3273-12
 Misc : 4.84G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3 9.0-9.5 060719

Quant Time: Jun 11 05:27:44 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

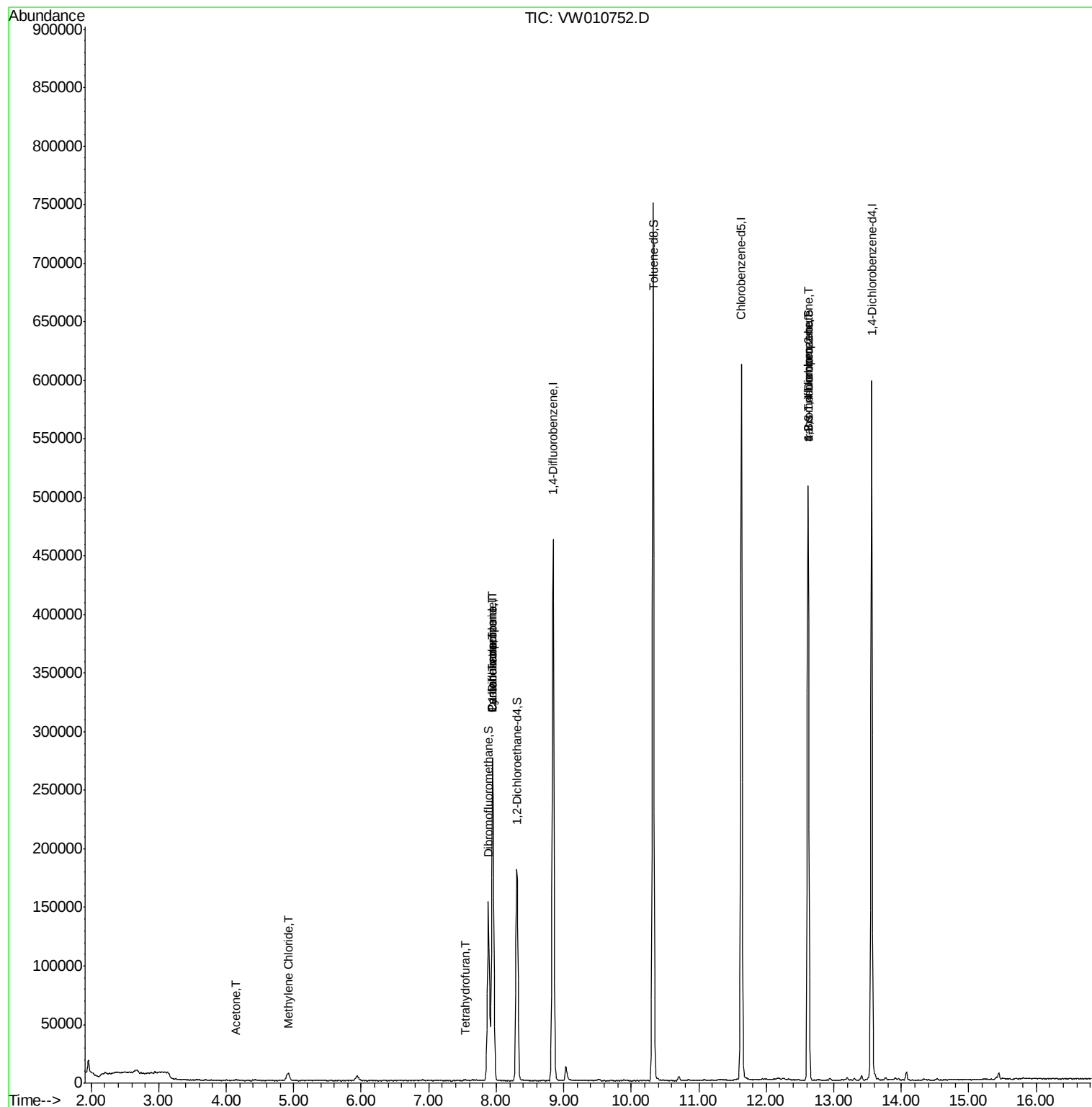
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	352291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144823	62.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.18%	
35) Dibromofluoromethane	7.88	113	106361	55.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.24%	
50) Toluene-d8	10.32	98	462713	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
62) 4-Bromofluorobenzene	12.62	95	165810	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	2115	3.384	ug/l	90
20) Methylene Chloride	4.92	84	4361	1.989	ug/l	96
29) Tetrahydrofuran	7.54	42	983	1.803	ug/l #	78
31) Cyclohexane	7.95	56	5654	1.201	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	18165	5.037	ug/l #	50
38) Carbon Tetrachloride	7.95	117	20561	6.605	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	90168	60.700	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90168	139.507	ug/l #	5

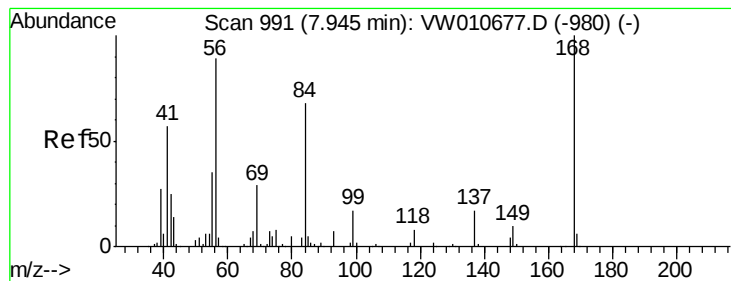
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
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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# 991

Delta R.T. 0.00 min

Lab File: VW010752.D

Acq: 10 Jun 2019 18:26

Instrument :

MSVOA_W

ClientSampleId :

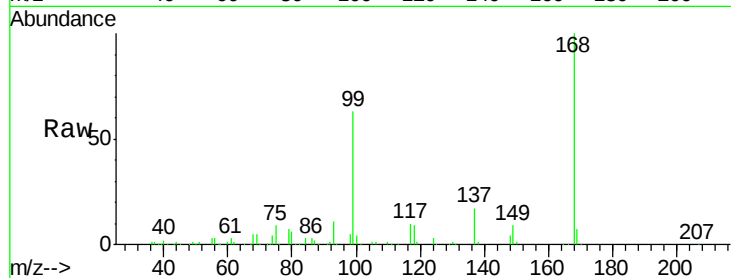
SB-3 9.0-9.5 060719

Tgt Ion:168 Resp: 197885

Ion Ratio Lower Upper

168 100

99 63.1 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

80000

60000

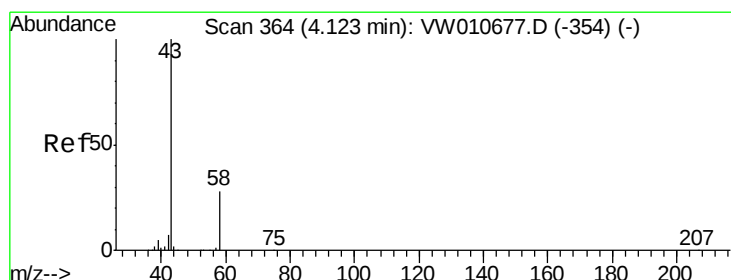
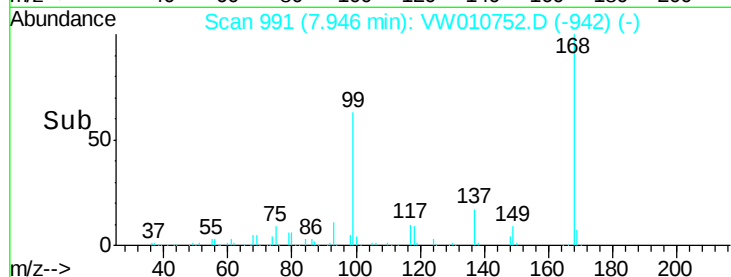
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 3.384 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW010752.D

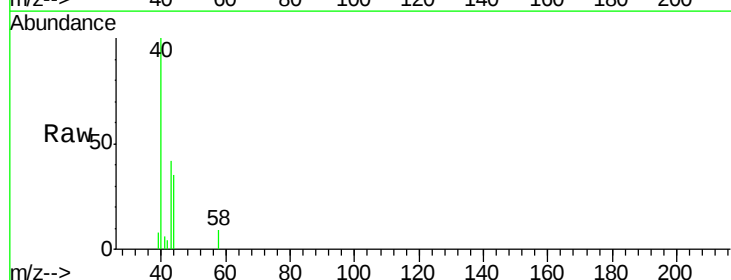
Acq: 10 Jun 2019 18:26

Tgt Ion: 43 Resp: 2115

Ion Ratio Lower Upper

43 100

58 22.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

600

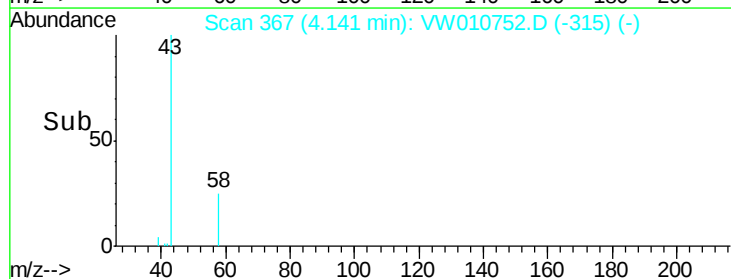
400

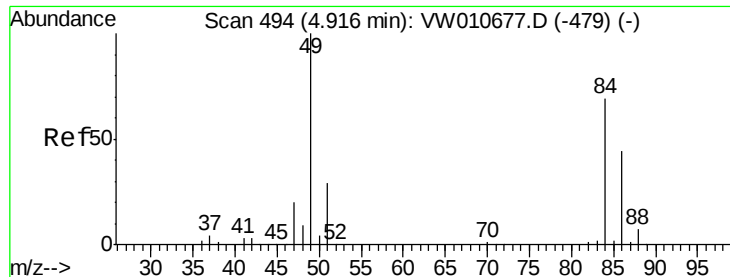
200

0

4.05 4.10 4.15 4.20

Time-->

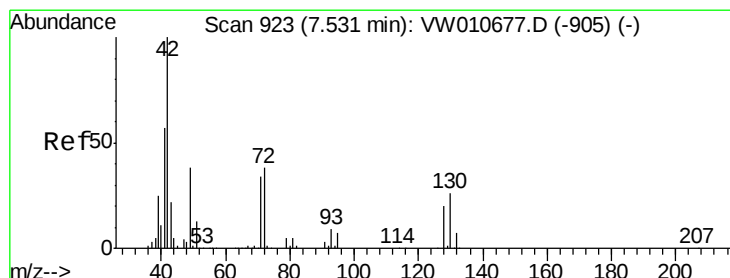
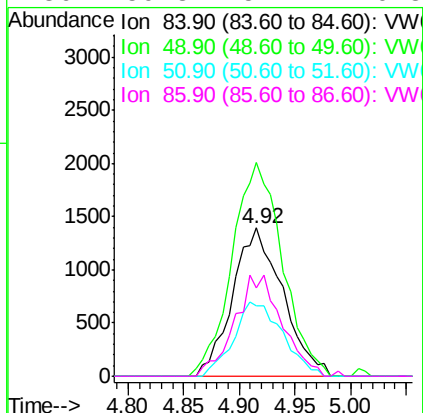
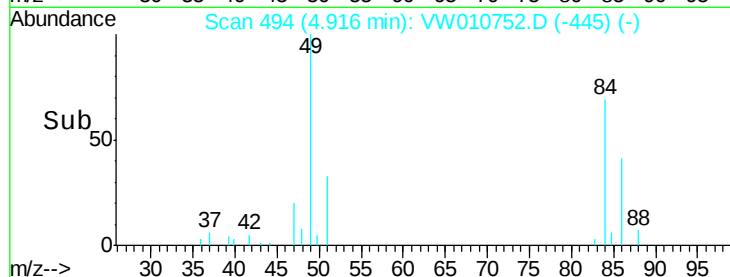
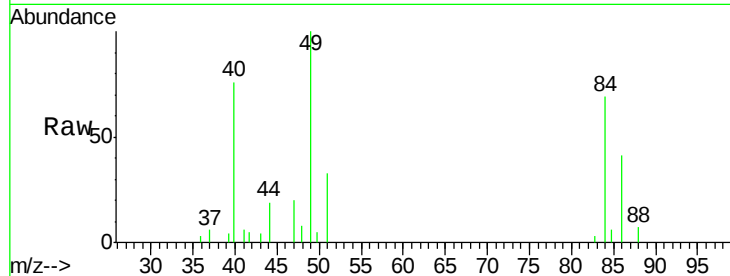




#20
Methylene Chloride
Concen: 1.989 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010752.D
Acq: 10 Jun 2019 18:26

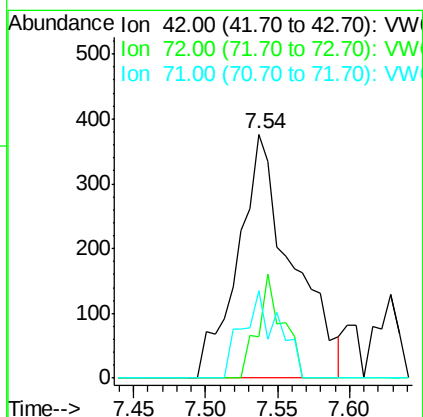
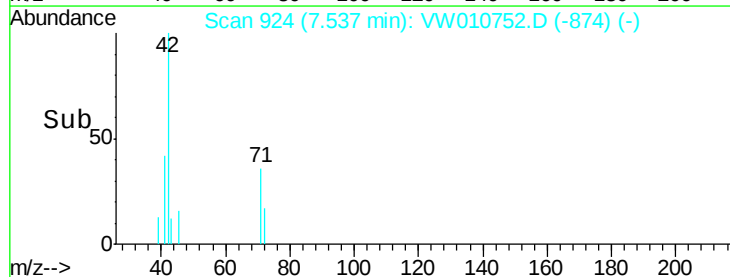
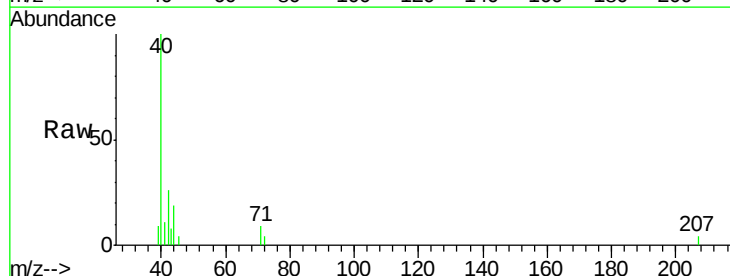
Instrument :
MSVOA_W
ClientSampleId :
SB-3 9.0-9.5 060719

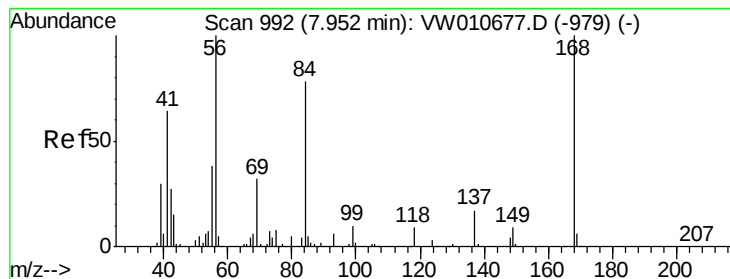
Tgt Ion:	84	Resp:	4361
Ion	Ratio	Lower	Upper
84	100		
49	144.4	116.7	175.1
51	47.7	34.2	51.2
86	59.3	51.2	76.8



#29
Tetrahydrofuran
Concen: 1.803 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010752.D
Acq: 10 Jun 2019 18:26

Tgt Ion:	42	Resp:	983
Ion	Ratio	Lower	Upper
42	100		
72	19.5	28.7	43.1#
71	24.0	26.6	39.8#





#31

Cyclohexane

Concen: 1.201 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010752.D

Acq: 10 Jun 2019 18:26

Instrument :

MSVOA_W

ClientSampleId :

SB-3 9.0-9.5 060719

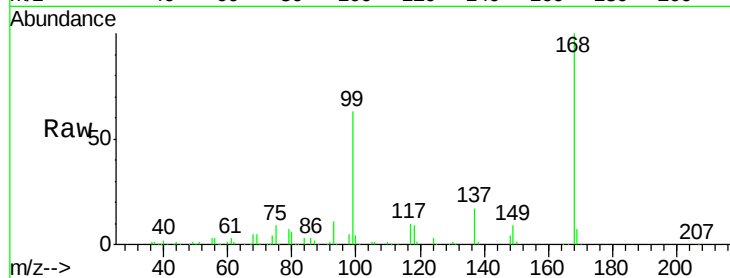
Tgt Ion: 56 Resp: 5654

Ion Ratio Lower Upper

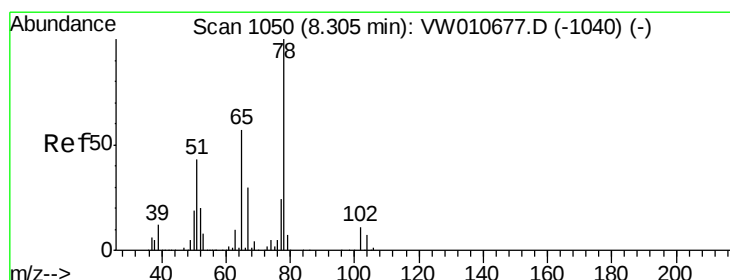
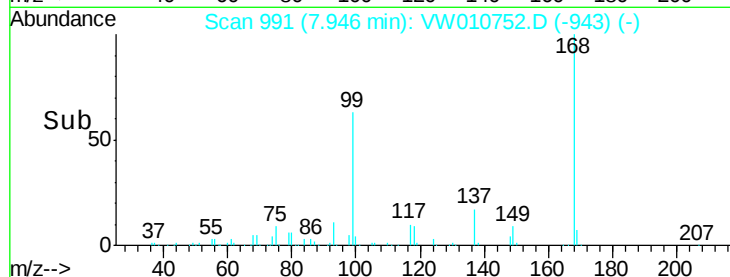
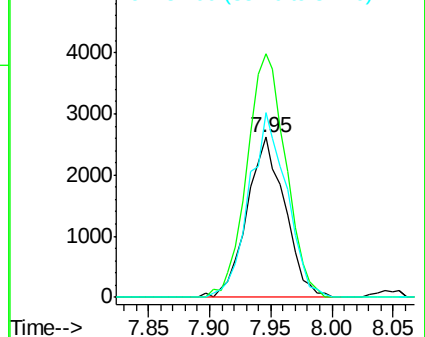
56 100

69 152.0 25.2 37.8#

84 115.2 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: 62.092 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010752.D

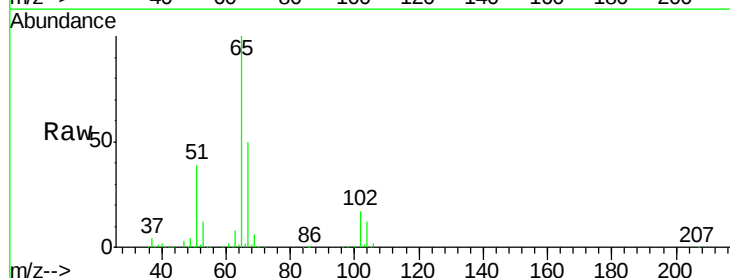
Acq: 10 Jun 2019 18:26

Tgt Ion: 65 Resp: 144823

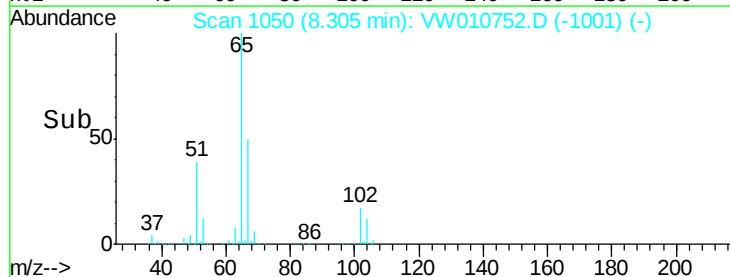
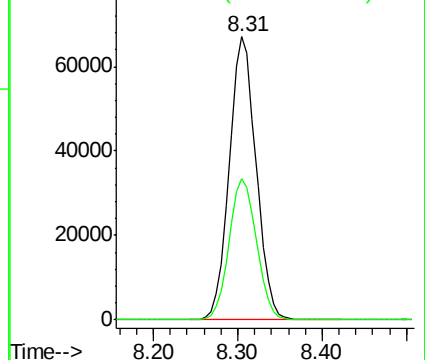
Ion Ratio Lower Upper

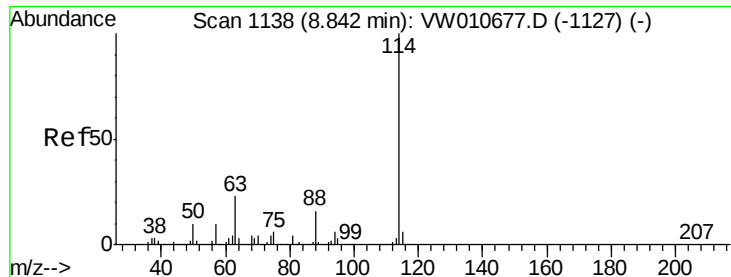
65 100

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

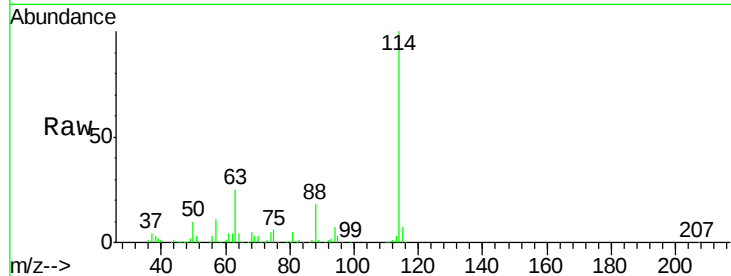




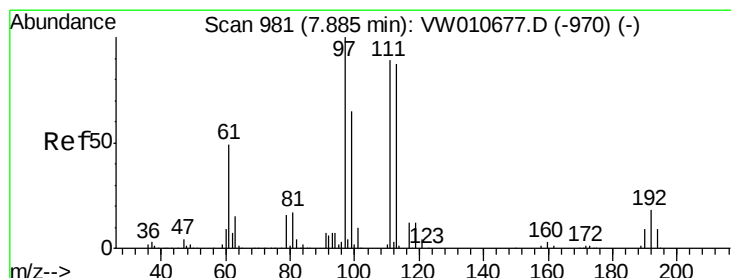
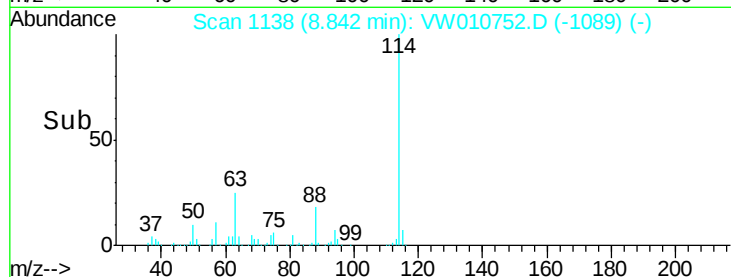
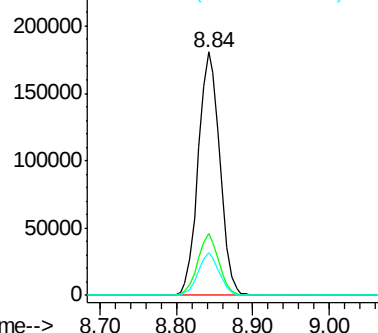
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010752.D
 Acq: 10 Jun 2019 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3 9.0-9.5 060719

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.5	0.0	46.4
88	17.6	0.0	32.2

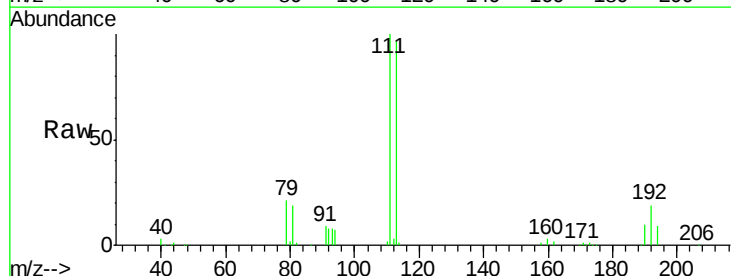


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

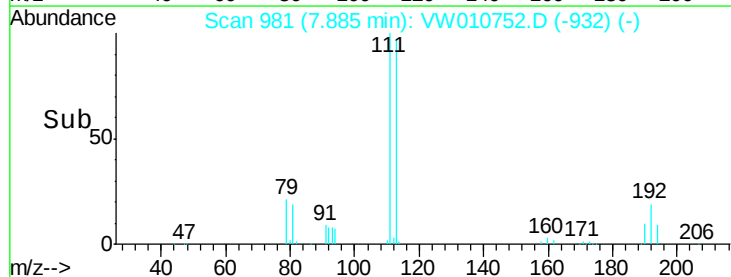
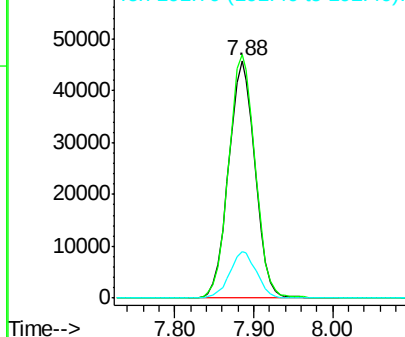


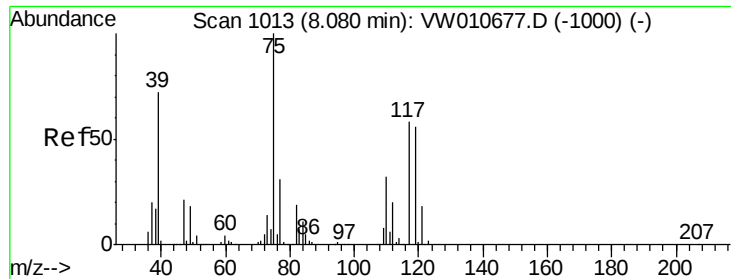
#35
 Dibromofluoromethane
 Concen: 55.623 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010752.D
 Acq: 10 Jun 2019 18:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	19.8	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

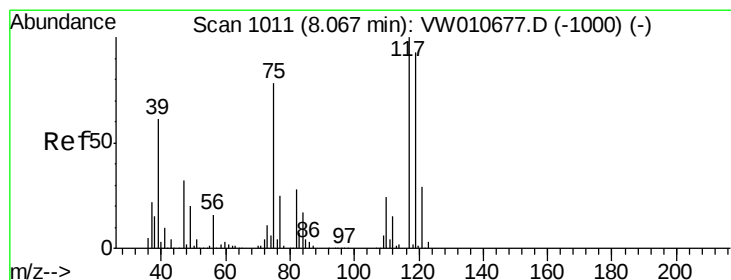
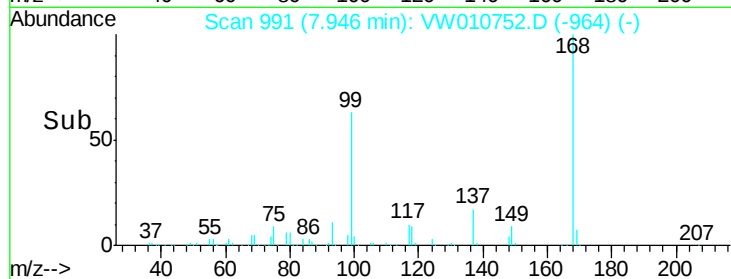
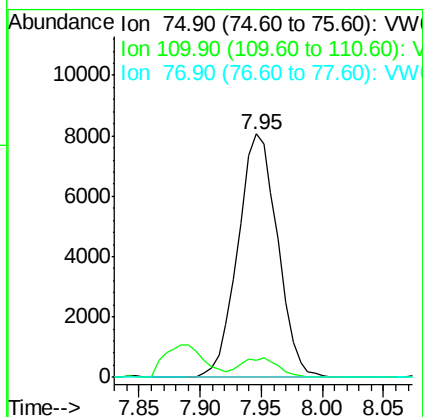
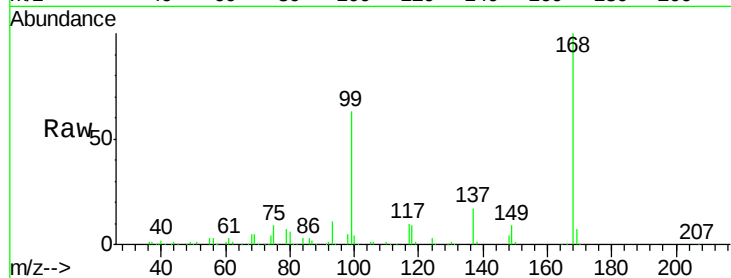




#36
 1,1-Dichloropropene
 Concen: 5.037 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010752.D
 Acq: 10 Jun 2019 18:26

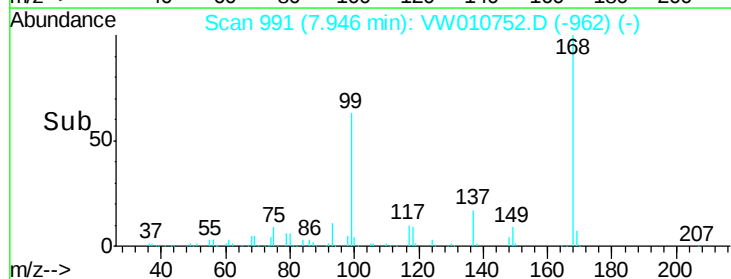
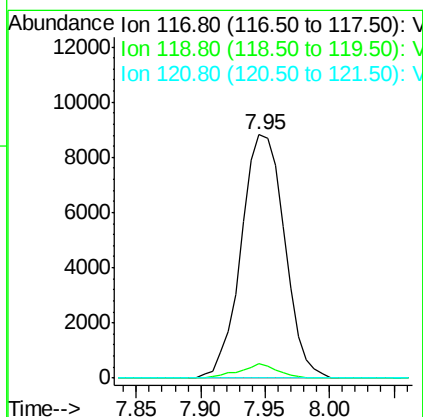
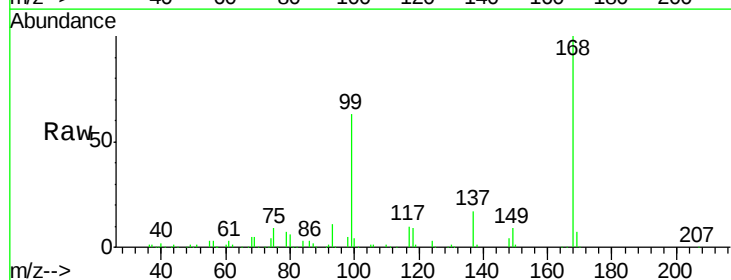
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3 9.0-9.5 060719

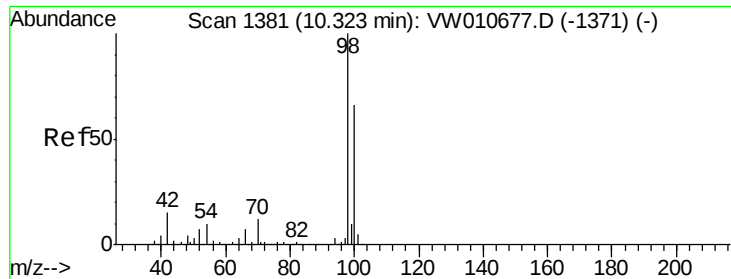
Tgt Ion: 75 Resp: 18165
 Ion Ratio Lower Upper
 75 100
 110 7.6 15.8 47.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.605 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010752.D
 Acq: 10 Jun 2019 18:26

Tgt Ion: 117 Resp: 20561
 Ion Ratio Lower Upper
 117 100
 119 6.0 74.2 111.4#
 121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 55.183 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010752.D

Acq: 10 Jun 2019 18:26

Instrument :

MSVOA_W

ClientSampleId :

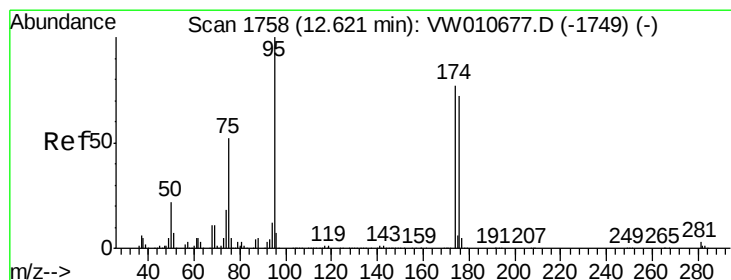
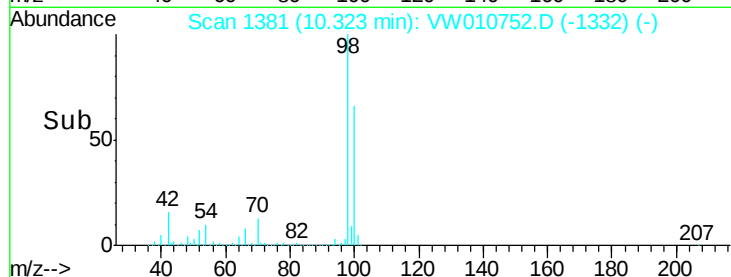
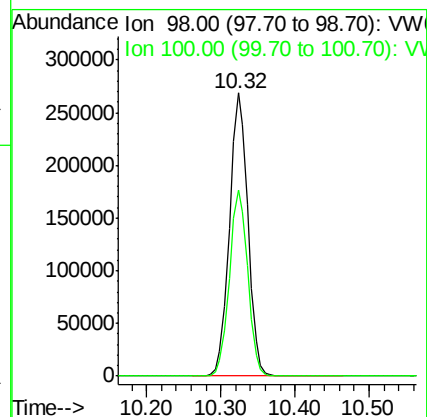
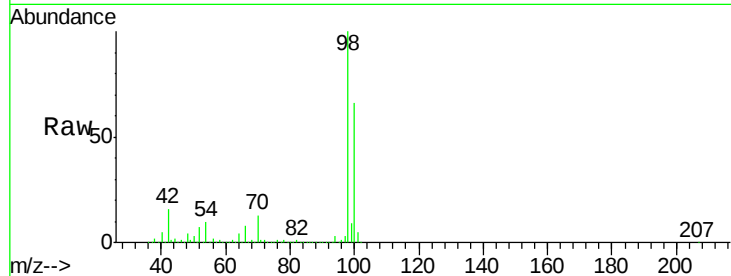
SB-3 9.0-9.5 060719

Tgt Ion: 98 Resp: 462713

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 54.342 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010752.D

Acq: 10 Jun 2019 18:26

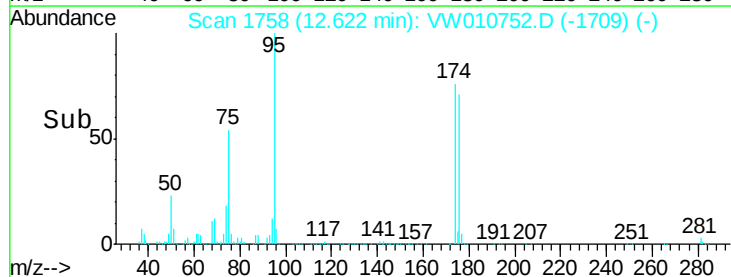
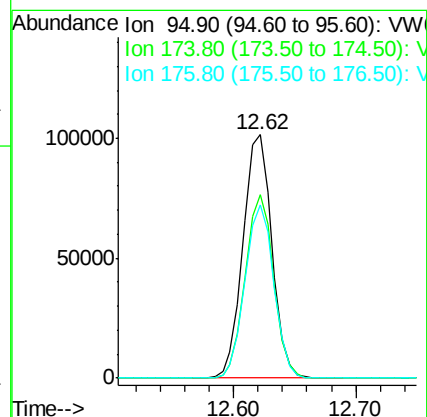
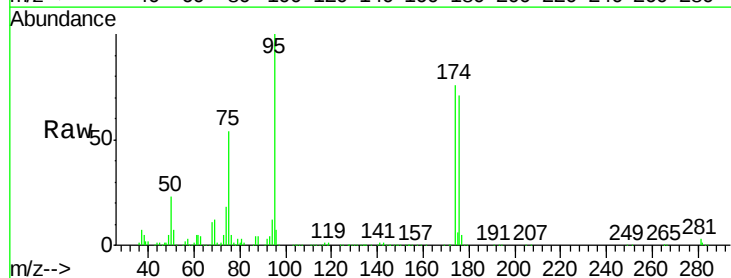
Tgt Ion: 95 Resp: 165810

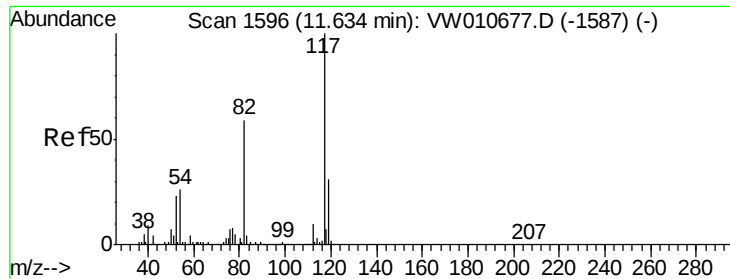
Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.4

176 71.3 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: VW010752.D

Acq: 10 Jun 2019 18:26

Instrument :

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ClientSampleId :

SB-3 9.0-9.5 060719

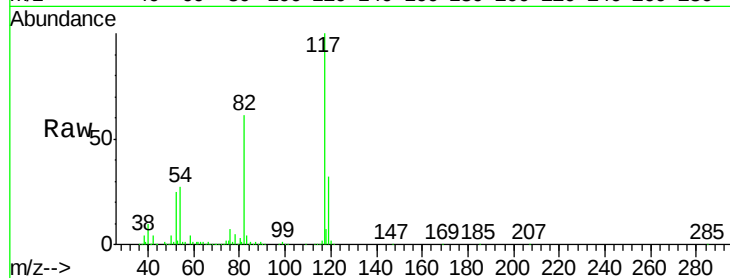
Tgt Ion:117 Resp: 314479

Ion Ratio Lower Upper

117 100

82 60.6 47.0 70.4

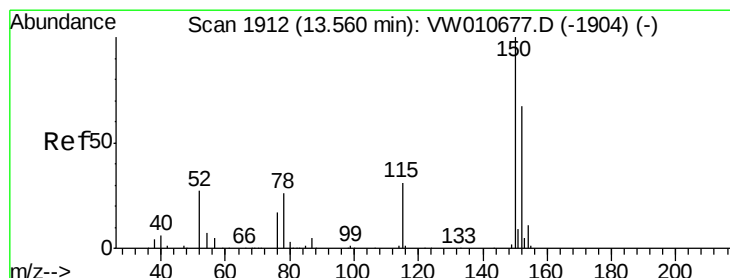
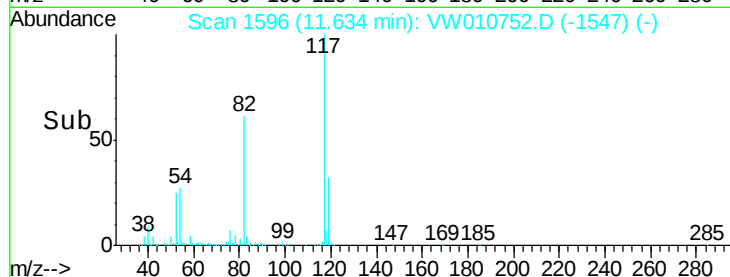
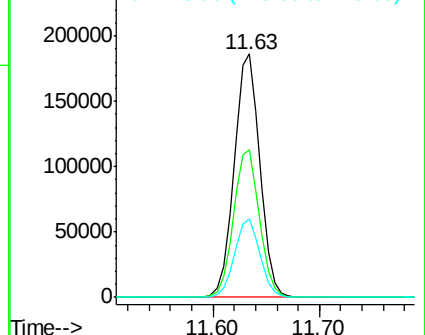
119 32.4 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010752.D

Acq: 10 Jun 2019 18:26

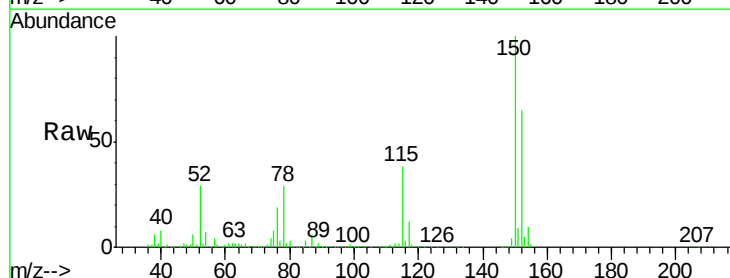
Tgt Ion:152 Resp: 141456

Ion Ratio Lower Upper

152 100

115 60.5 29.8 89.3

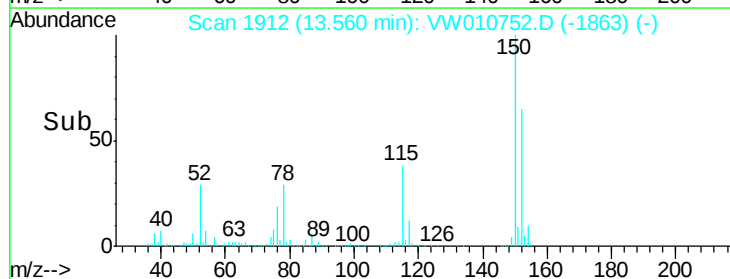
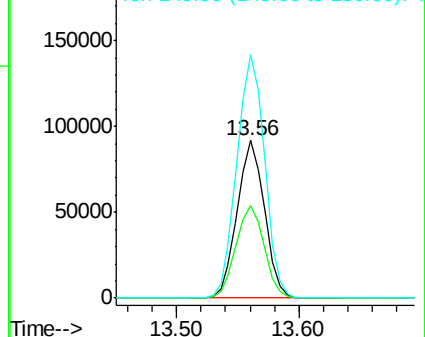
150 157.4 0.0 345.0

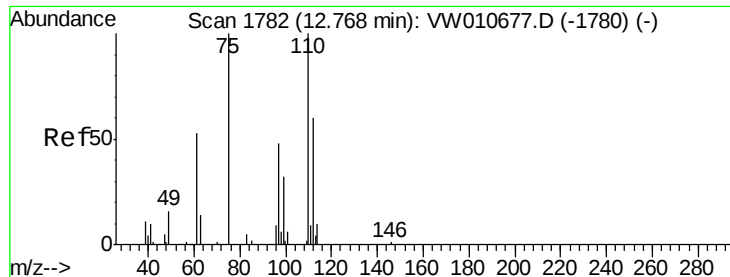


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 60.700 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010752.D

Acq: 10 Jun 2019 18:26

Instrument :

MSVOA_W

ClientSampleId :

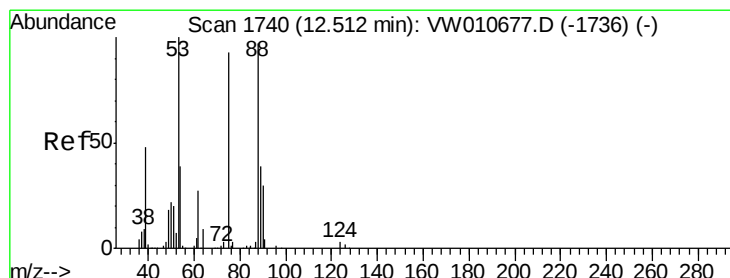
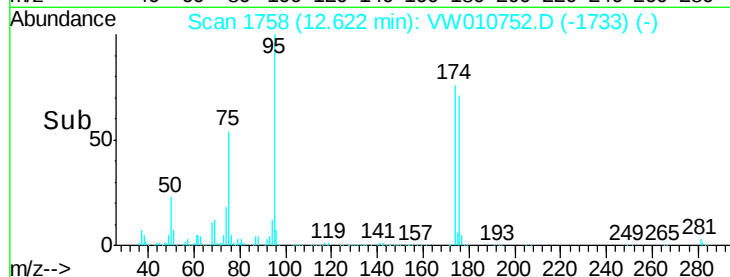
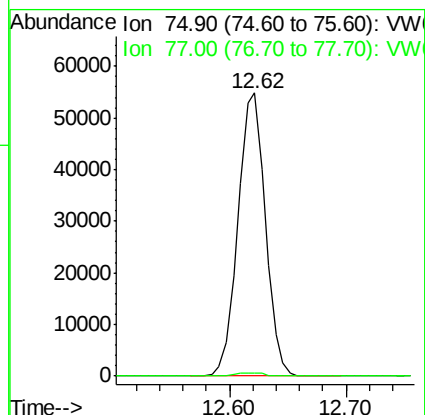
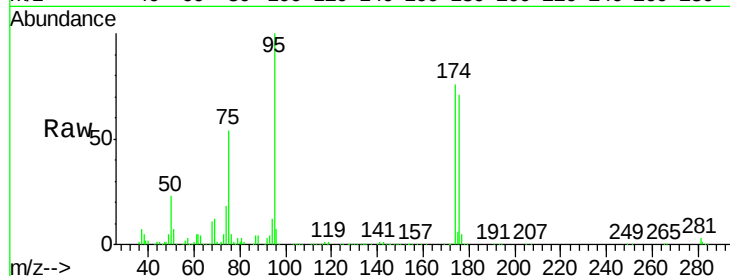
SB-3 9.0-9.5 060719

Tgt Ion: 75 Resp: 90168

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.507 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010752.D

Acq: 10 Jun 2019 18:26

Tgt Ion: 75 Resp: 90168

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

