

Data File : VW010724.D
Acq On : 07 Jun 2019 12:51
Operator : SY/VA
Sample : VW0607SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBL01

Quant Time: Jun 08 02:38:13 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	240920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	148533	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	7.88	113	112528	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	10.32	98	491689	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	173217	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

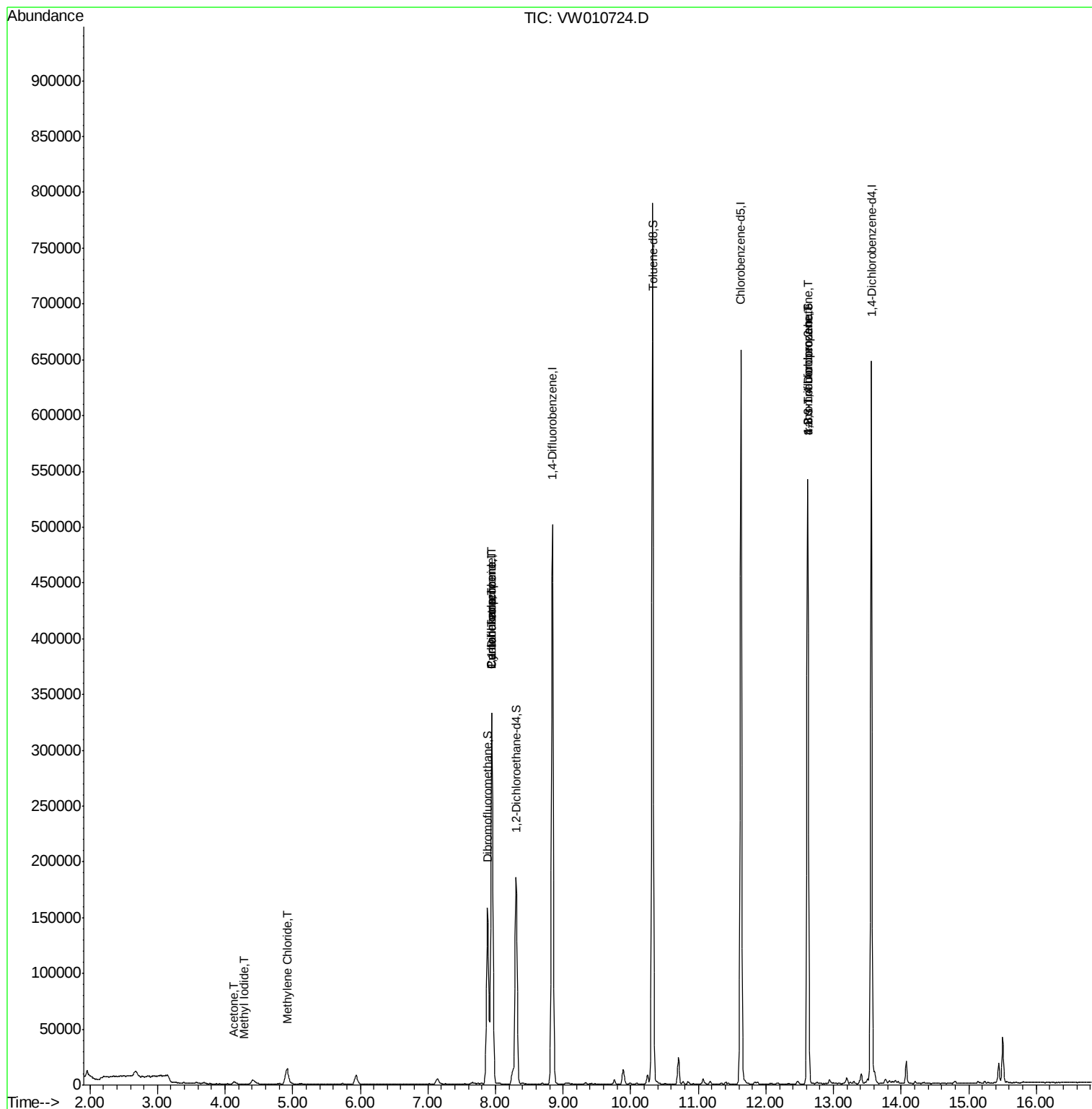
						Qvalue
10) Methyl Iodide	4.28	142	19	4.805	ug/l #	41
16) Acetone	4.13	43	4372	5.746	ug/l #	88
20) Methylene Chloride	4.92	84	9930	3.720	ug/l	95
31) Cyclohexane	7.95	56	6495	1.134	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20985	5.212	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24138	6.944	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	94123	58.799	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	94123	135.139	ug/l #	5

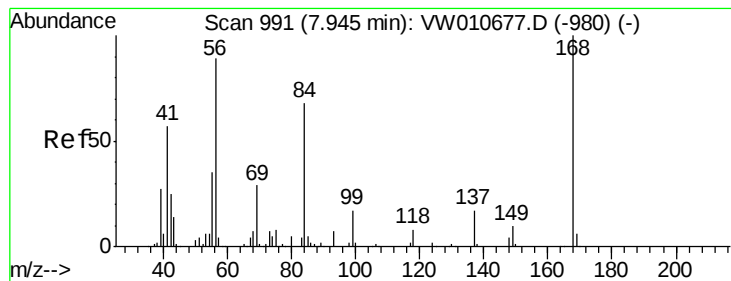
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

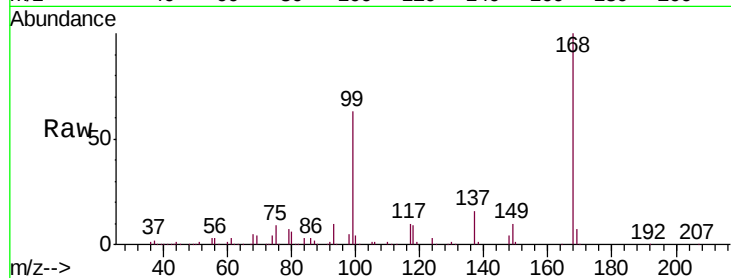
VW0607SBL01

Tgt Ion:168 Resp: 240920

Ion Ratio Lower Upper

168 100

99 62.6 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

120000

100000

80000

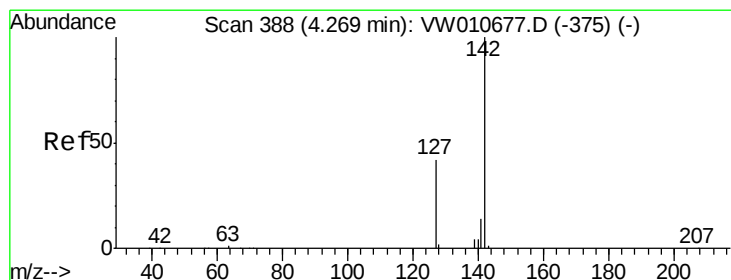
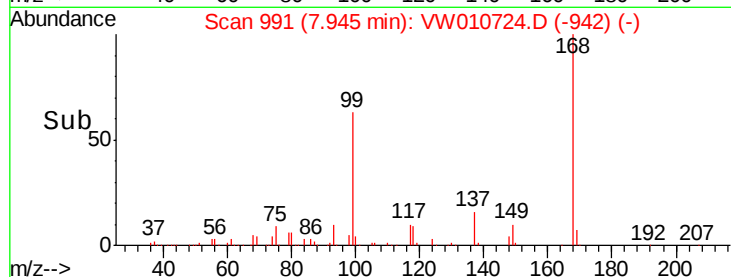
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#10

Methyl Iodide

Concen: 4.805 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW010724.D

Acq: 07 Jun 2019 12:51

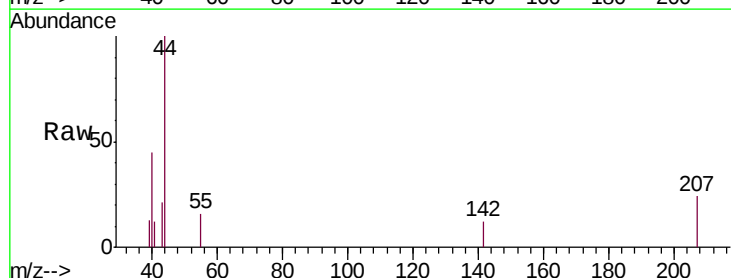
Tgt Ion:142 Resp: 19

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

4.28

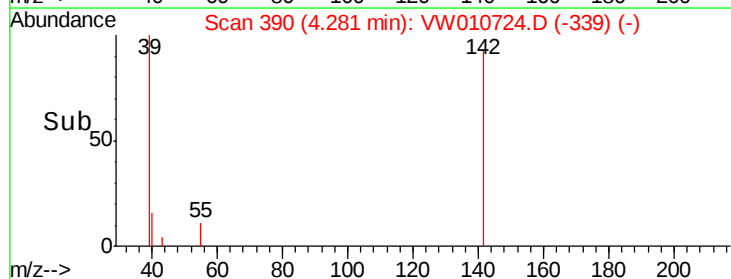
60

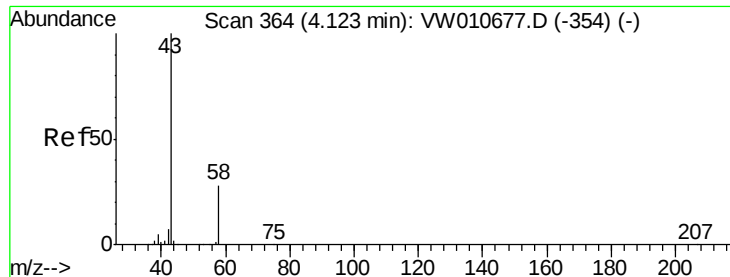
40

20

0

Time--> 4.26 4.27 4.28 4.29 4.30





#16

Acetone

Concen: 5.746 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010724.D

Acq: 07 Jun 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

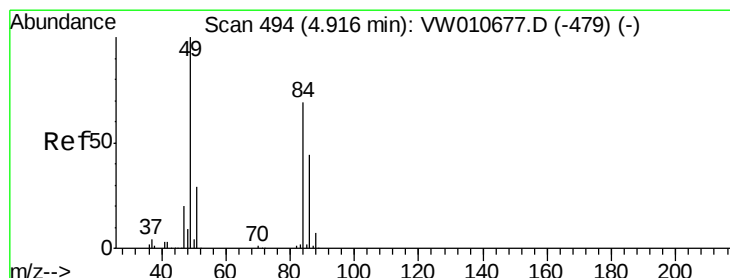
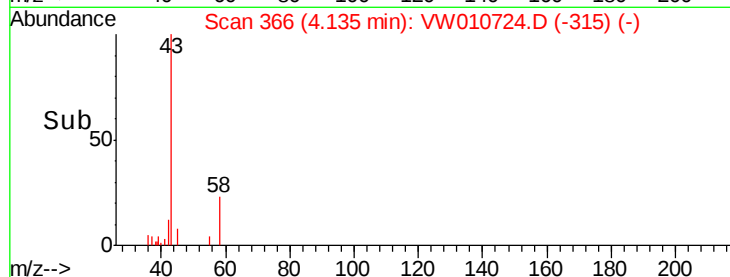
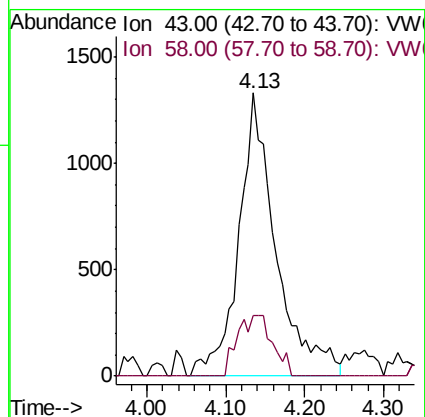
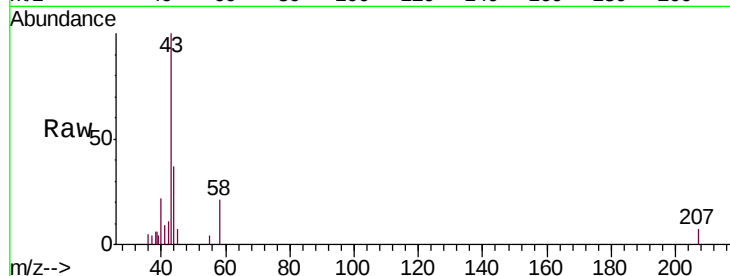
VW0607SBL01

Tgt Ion: 43 Resp: 4372

Ion Ratio Lower Upper

43 100

58 21.3 22.1 33.1#



#20

Methylene Chloride

Concen: 3.720 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010724.D

Acq: 07 Jun 2019 12:51

Tgt Ion: 84 Resp: 9930

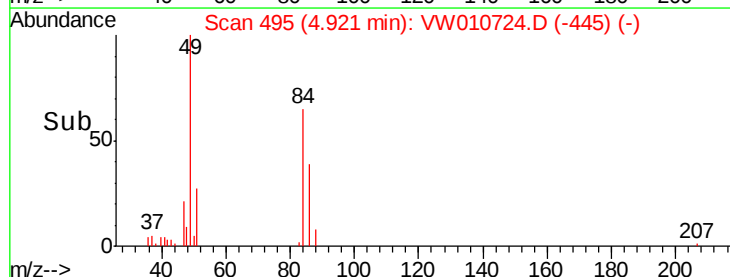
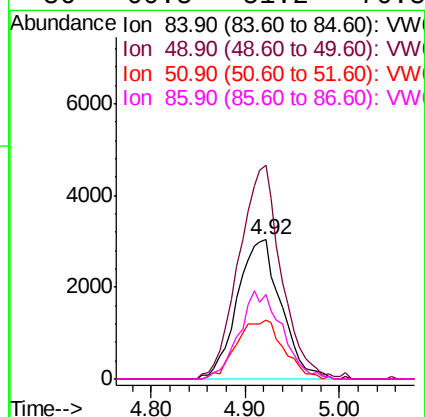
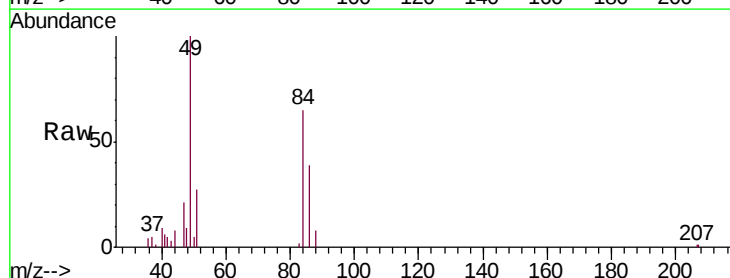
Ion Ratio Lower Upper

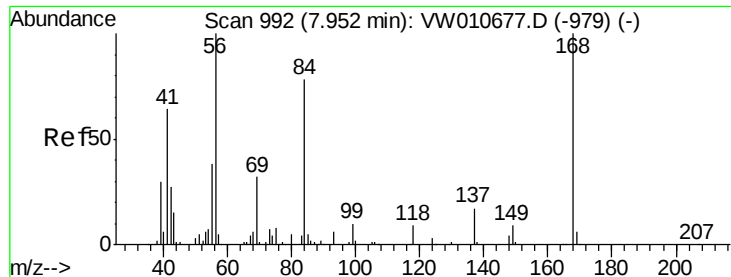
84 100

49 153.5 116.7 175.1

51 41.9 34.2 51.2

86 60.5 51.2 76.8

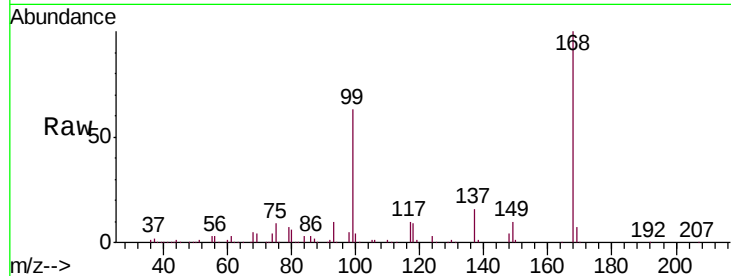




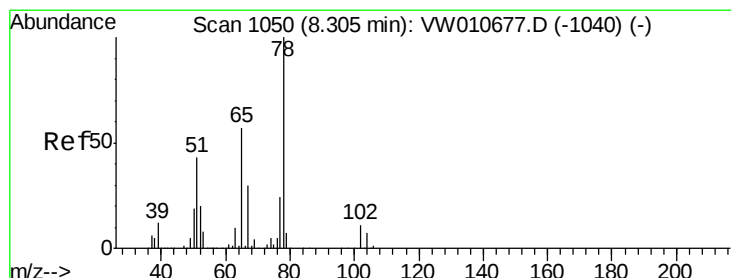
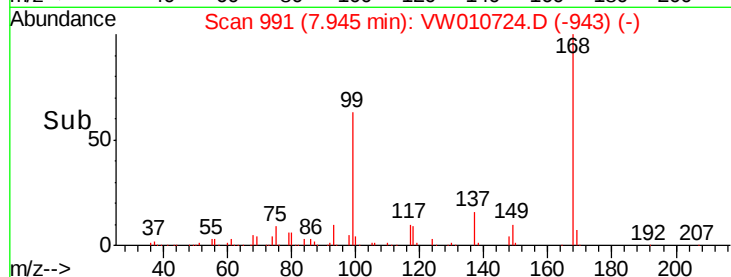
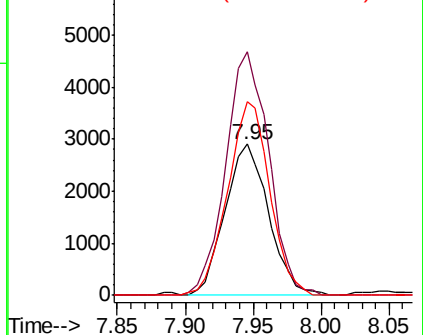
#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010724.D
Acq: 07 Jun 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBL01

Tgt Ion: 56 Resp: 6495
Ion Ratio Lower Upper
56 100
69 161.2 25.2 37.8#
84 128.5 62.2 93.2#

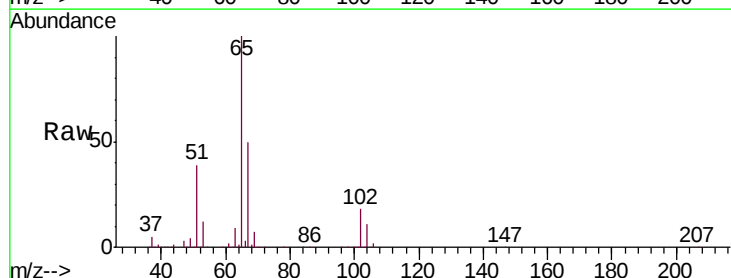


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

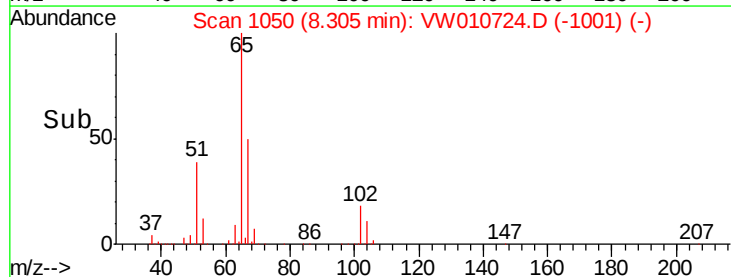
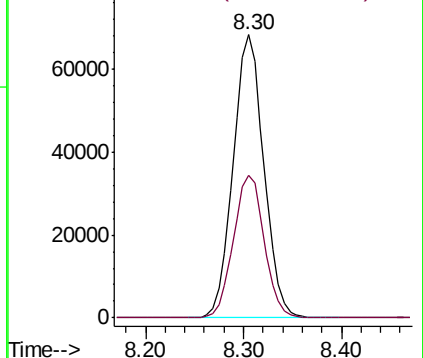


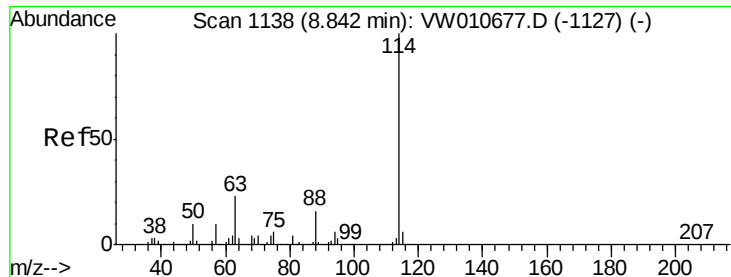
#33
1,2-Dichloroethane-d4
Concen: 52.307 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010724.D
Acq: 07 Jun 2019 12:51

Tgt Ion: 65 Resp: 148533
Ion Ratio Lower Upper
65 100
67 50.8 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: VW010724.D

Acq: 07 Jun 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBL01

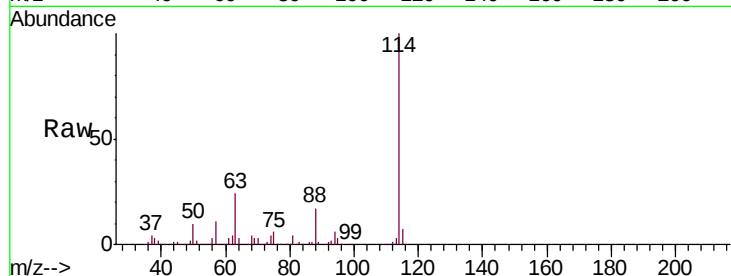
Tgt Ion:114 Resp: 393358

Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.4

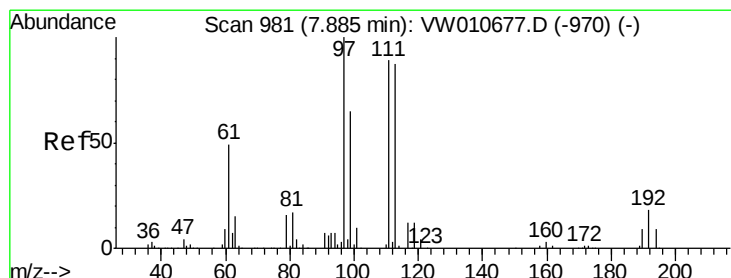
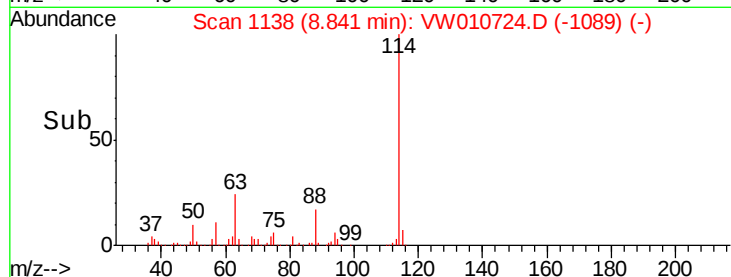
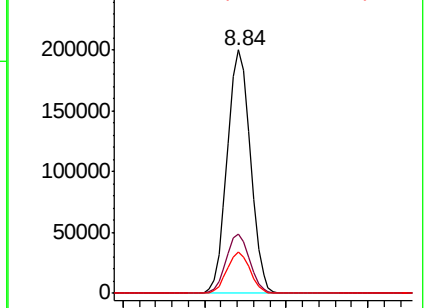
88 16.8 0.0 32.2



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



#35

Dibromofluoromethane

Concen: 52.705 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010724.D

Acq: 07 Jun 2019 12:51

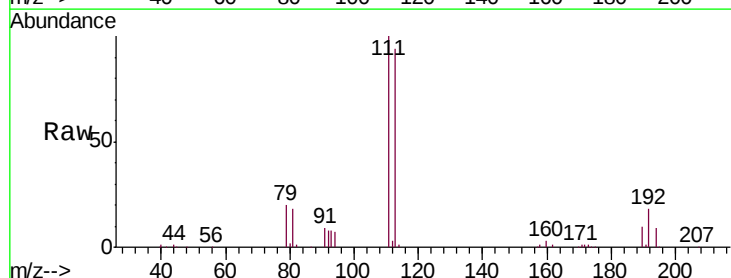
Tgt Ion:113 Resp: 112528

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

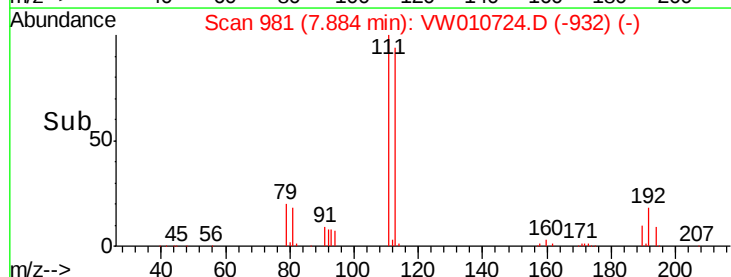
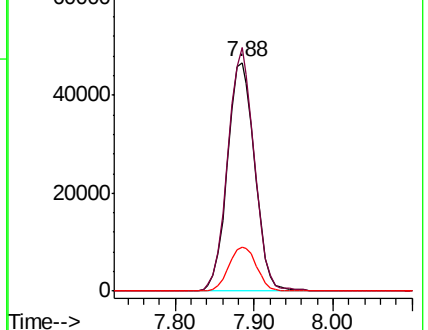
192 19.5 16.4 24.6

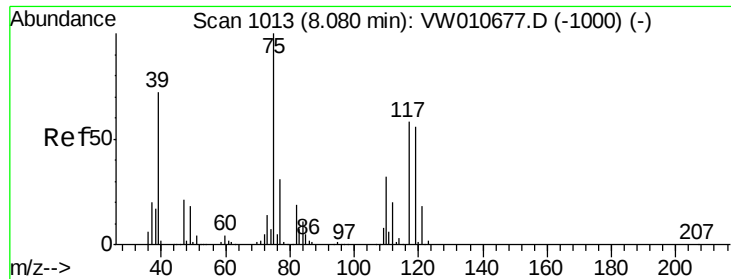


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.212 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010724.D

Acq: 07 Jun 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBL01

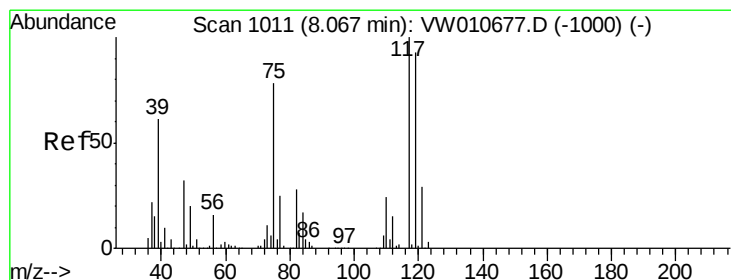
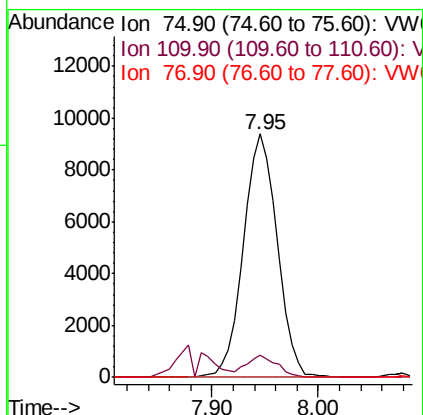
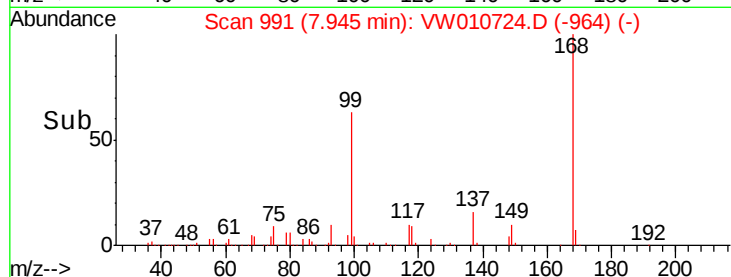
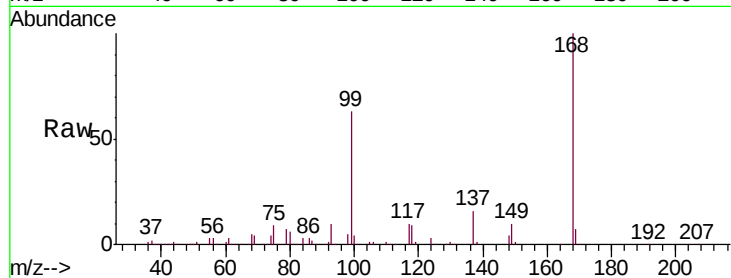
Tgt Ion: 75 Resp: 20985

Ion Ratio Lower Upper

75 100

110 8.0 15.8 47.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.944 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010724.D

Acq: 07 Jun 2019 12:51

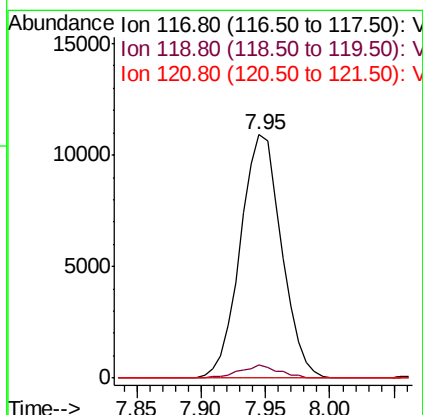
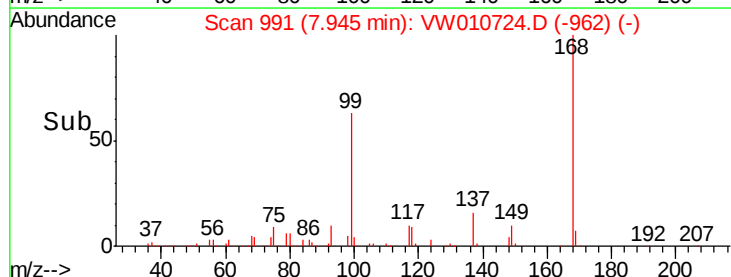
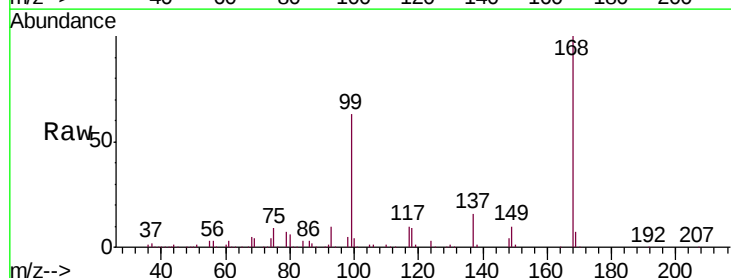
Tgt Ion: 117 Resp: 24138

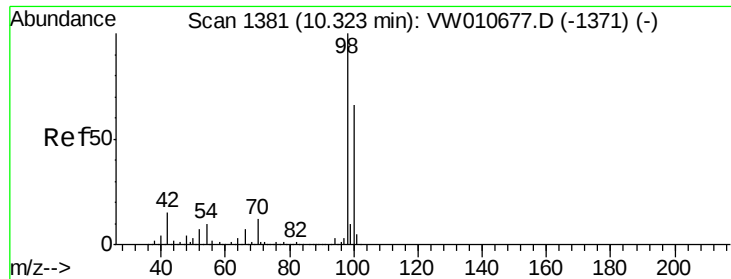
Ion Ratio Lower Upper

117 100

119 5.2 74.2 111.4#

121 0.0 22.9 34.3#

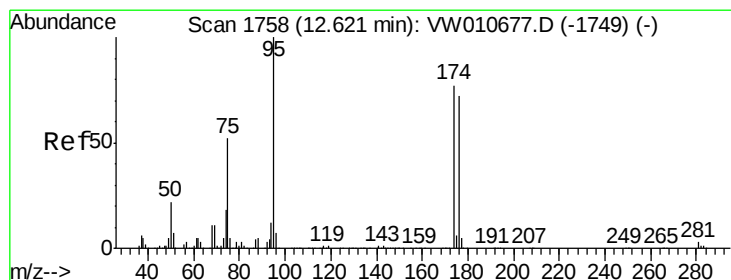
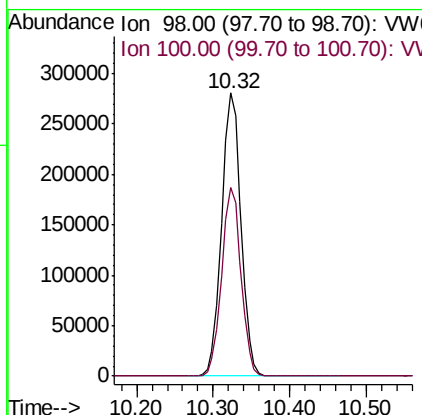
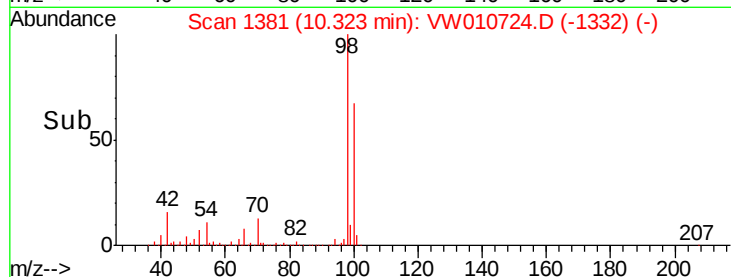
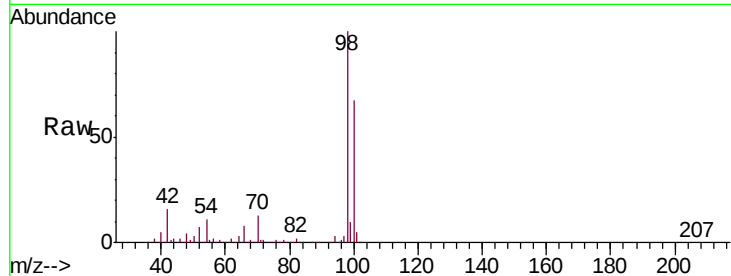




#50
Toluene-d8
Concen: 52.517 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010724.D
Acq: 07 Jun 2019 12:51

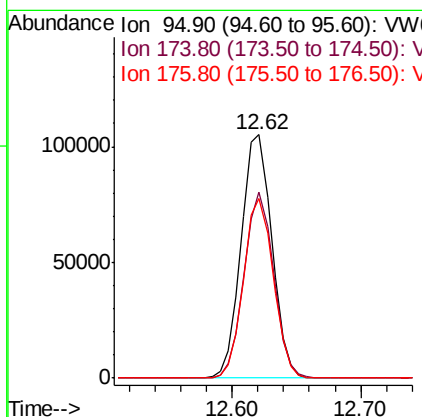
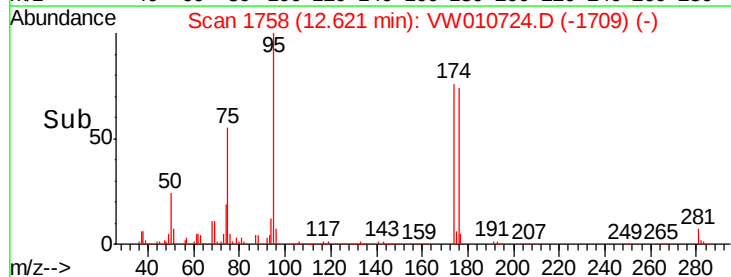
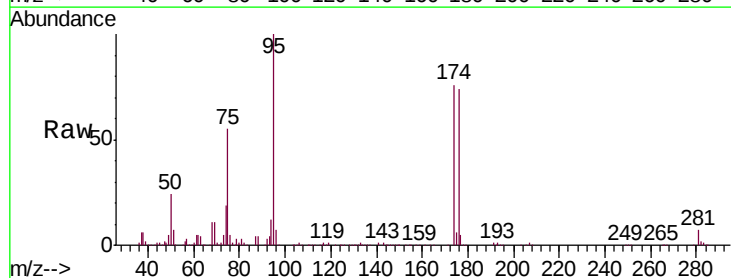
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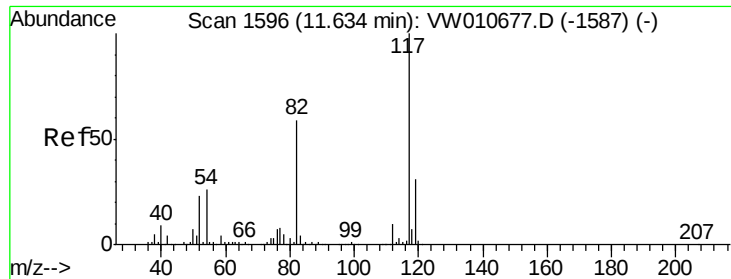
Tgt Ion: 98 Resp: 491689
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 50.843 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010724.D
Acq: 07 Jun 2019 12:51

Tgt Ion: 95 Resp: 173217
Ion Ratio Lower Upper
95 100
174 73.5 0.0 150.4
176 71.8 0.0 144.8

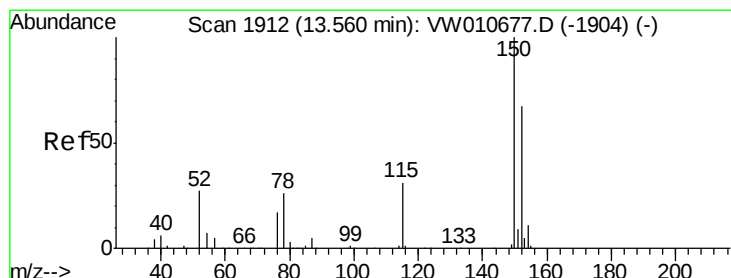
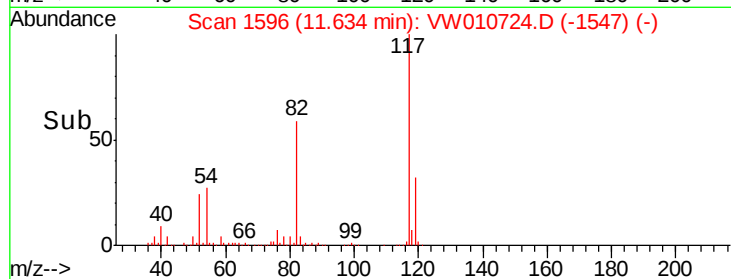
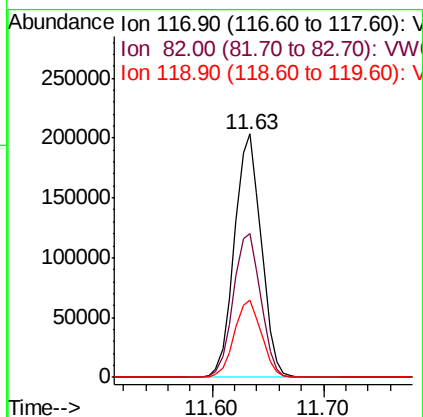
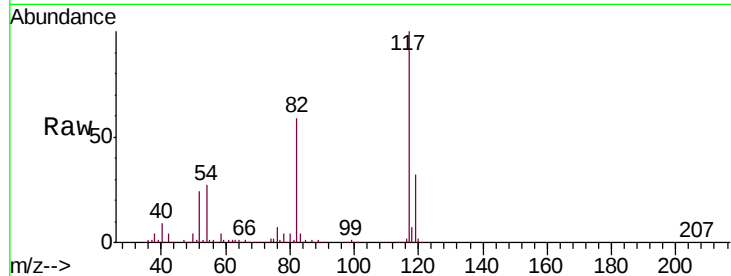




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010724.D
Acq: 07 Jun 2019 12:51

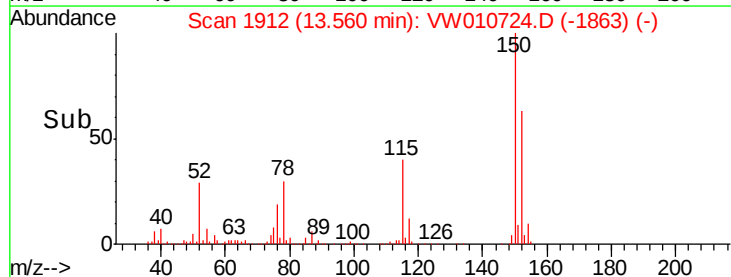
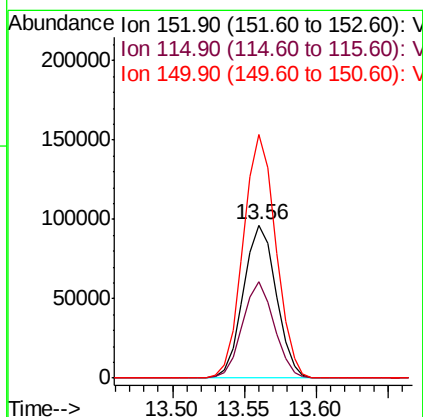
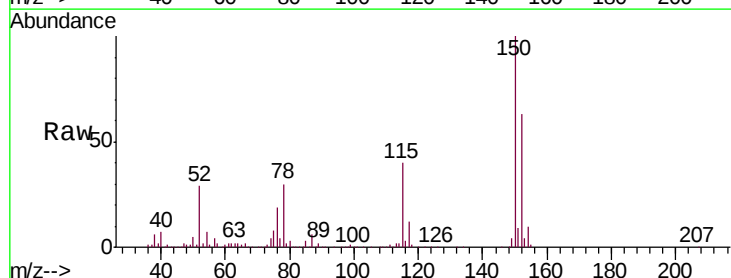
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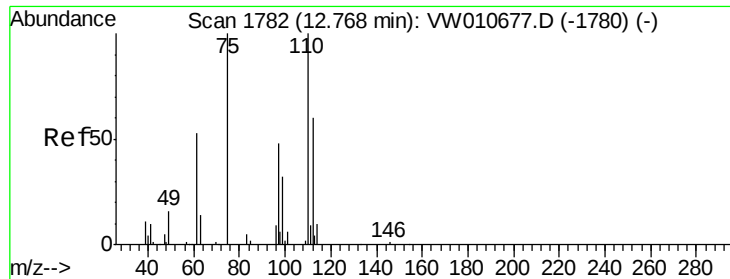
Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.0	70.4
119	31.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010724.D
Acq: 07 Jun 2019 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.8	89.3
150	157.7	0.0	345.0

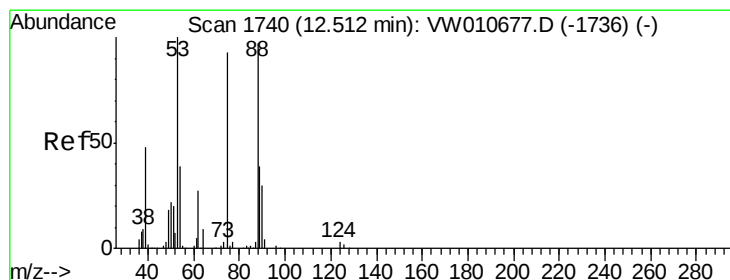
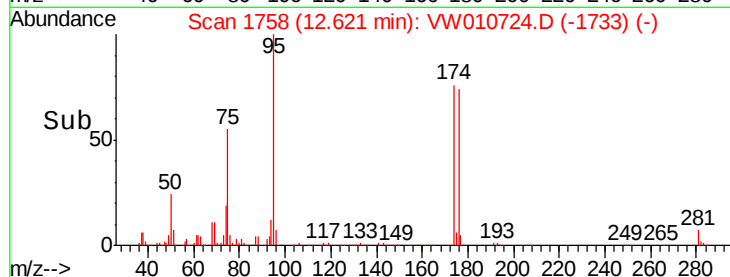
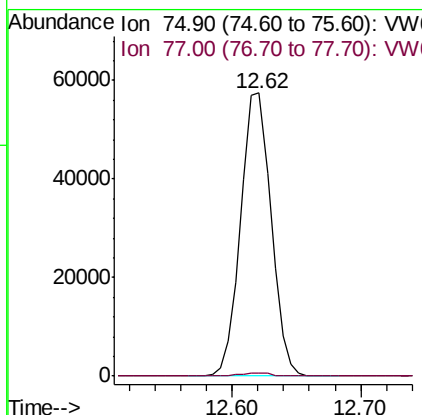
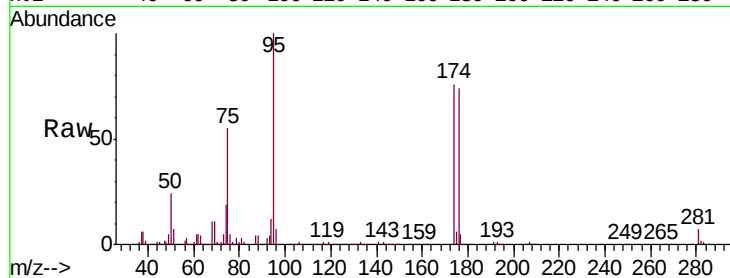




#76
 1,2,3-Trichloropropane
 Concen: 58.799 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010724.D
 Acq: 07 Jun 2019 12:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBL01

Tgt Ion: 75 Resp: 94123
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.139 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010724.D
 Acq: 07 Jun 2019 12:51

Tgt Ion: 75 Resp: 94123
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.1 34.6 52.0#

