

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010853.D
 Acq On : 19 Jun 2019 16:26
 Operator : SY/VA
 Sample : K3157-01RE
 Misc : 6.05G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-061719-A

Quant Time: Jun 20 05:48:27 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	239418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110508	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	163834	58.06	ug/l	0.00
Spiked Amount			Recovery	=	116.12%	
35) Dibromofluoromethane	7.88	113	116910	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	10.32	98	433707	42.15	ug/l	0.00
Spiked Amount			Recovery	=	84.30%	
62) 4-Bromofluorobenzene	12.62	95	135421	36.17	ug/l	0.00
Spiked Amount			Recovery	=	72.34%	

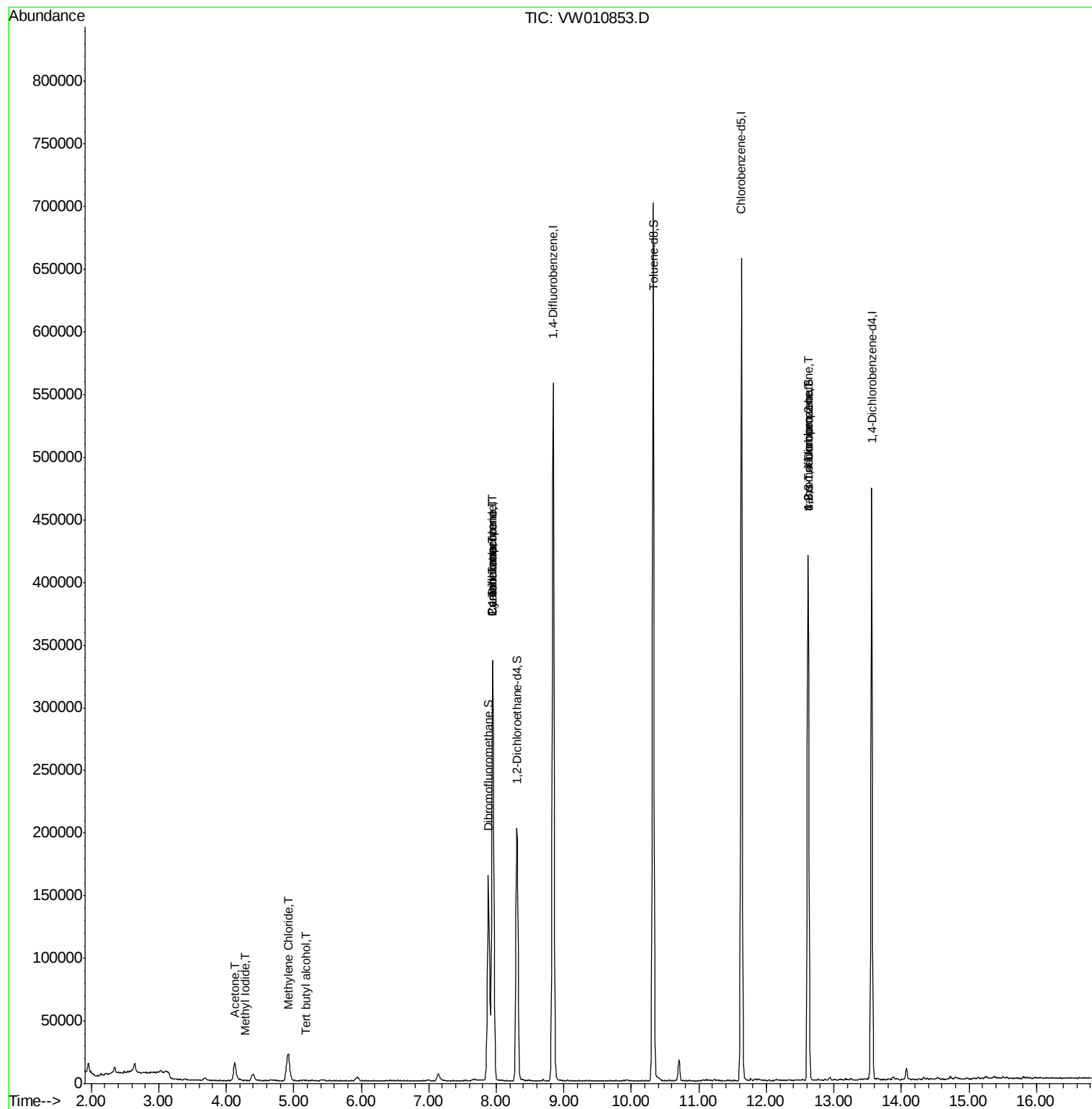
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	23	4.807	ug/l #	41
11) Tert butyl alcohol	5.17	59	240	1.044	ug/l #	72
16) Acetone	4.12	43	26589	35.164	ug/l	97
20) Methylene Chloride	4.92	84	15108	5.696	ug/l	95
31) Cyclohexane	7.95	56	6507	1.143	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21453	4.848	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24429	6.395	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	73549	63.378	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73549	145.663	ug/l #	5

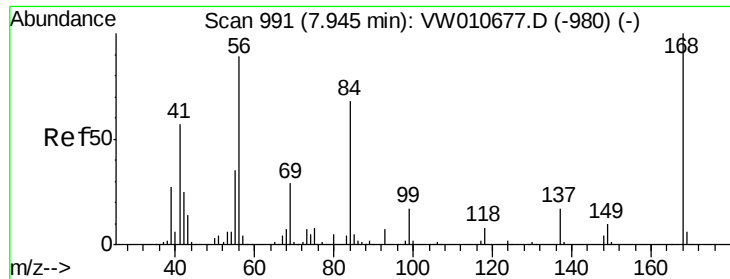
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061919\
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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# 992

Delta R.T. 0.01 min

Lab File: VW010853.D

Acq: 19 Jun 2019 16:26

Instrument :

MSVOA_W

ClientSampleId :

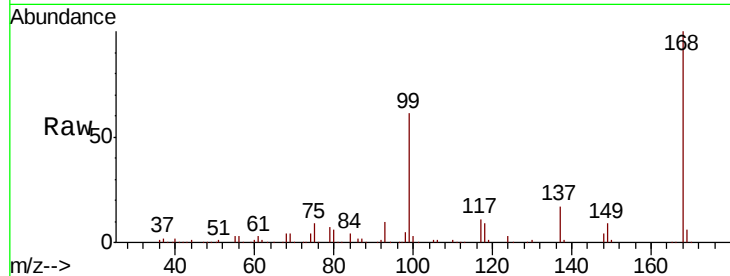
CL-01-061719-A

Tot Ion:168 Resp: 239418

Ion Ratio Lower Upper

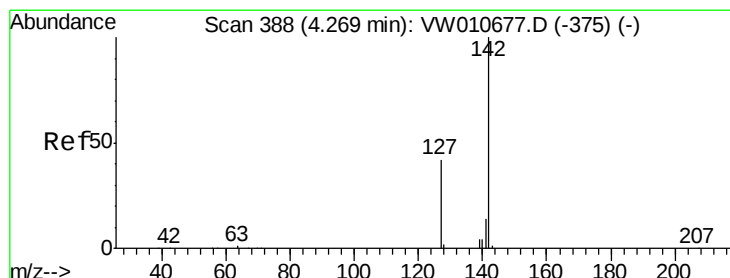
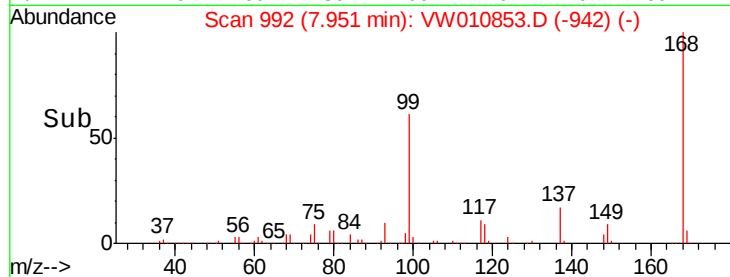
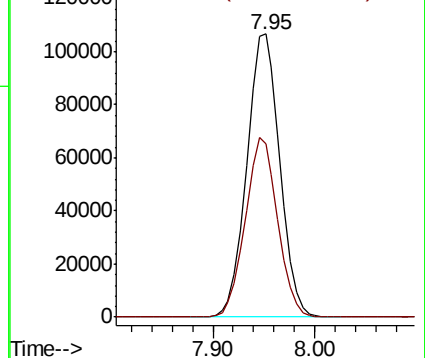
168 100

99 61.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 4.807 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.02 min

Lab File: VW010853.D

Acq: 19 Jun 2019 16:26

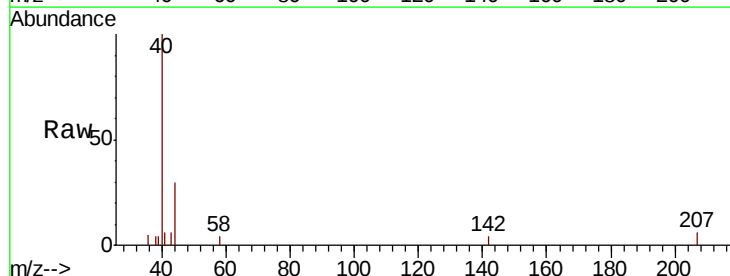
Tgt Ion:142 Resp: 23

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

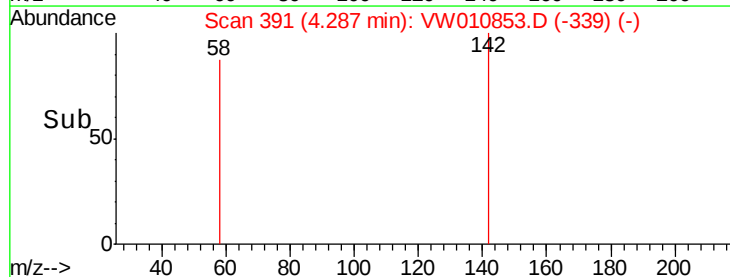
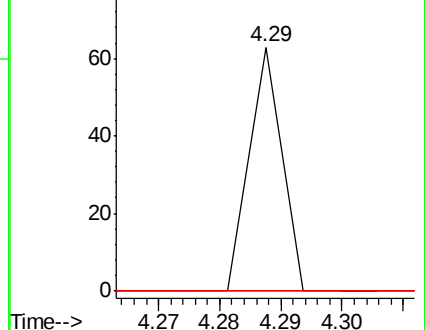
141 0.0 11.6 17.4#

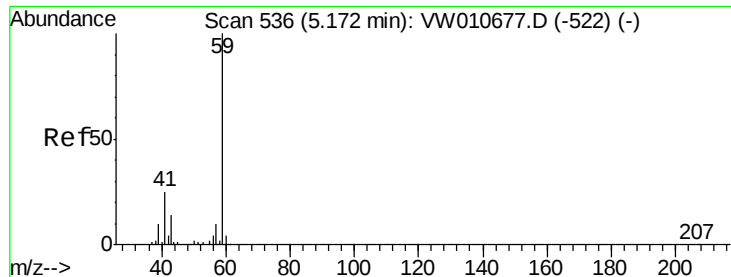


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



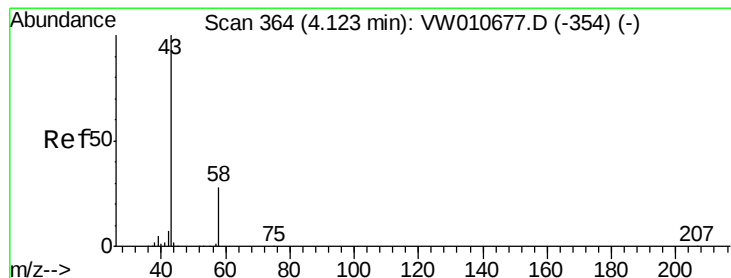
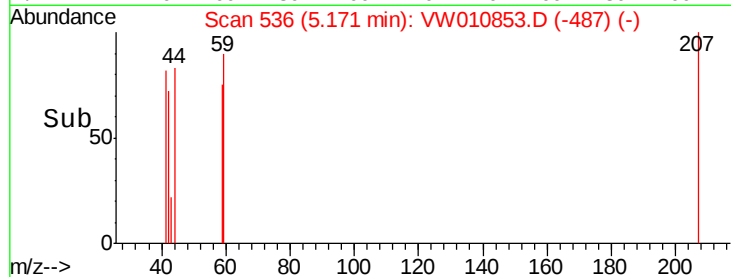
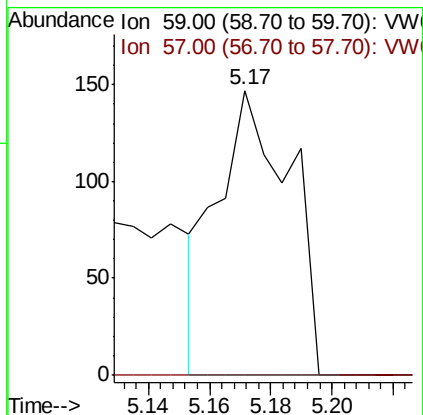
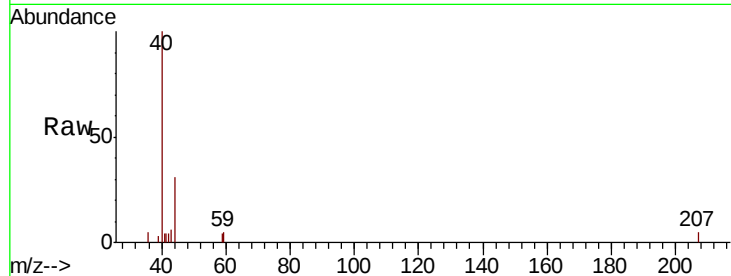


#11

Tert butyl alcohol
 Concen: 1.044 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW010853.D
 Acq: 19 Jun 2019 16:26

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-061719-A

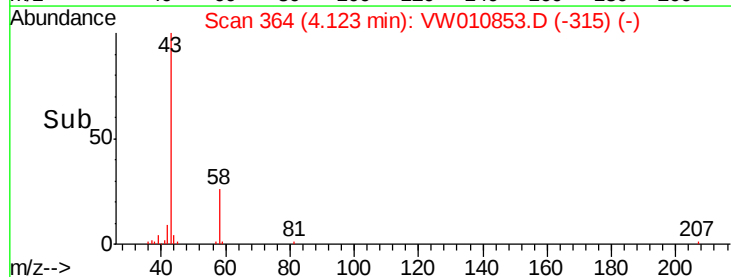
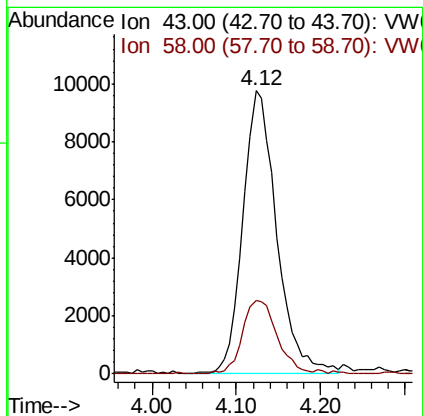
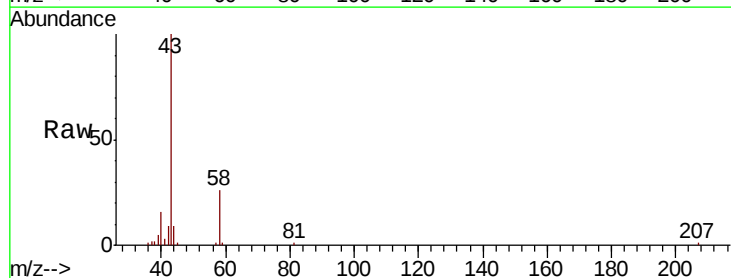
Tot Ion: 59 Resp: 240
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

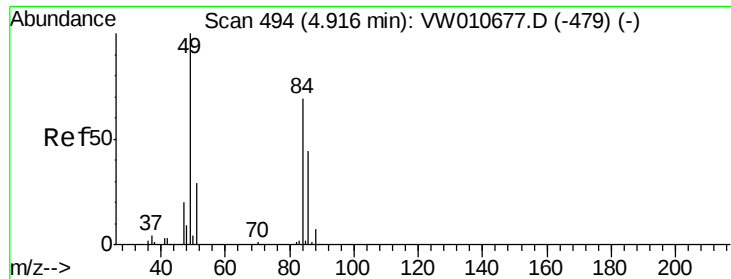


#16

Acetone
 Concen: 35.164 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW010853.D
 Acq: 19 Jun 2019 16:26

Tgt Ion: 43 Resp: 26589
 Ion Ratio Lower Upper
 43 100
 58 25.8 22.1 33.1

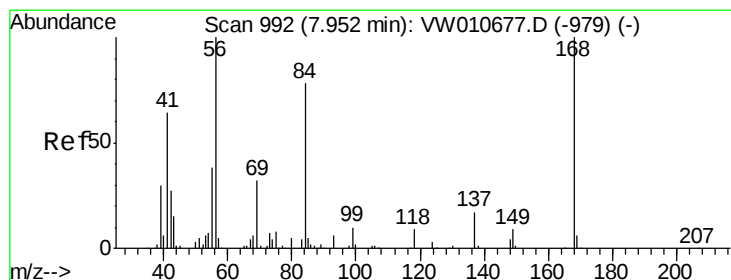
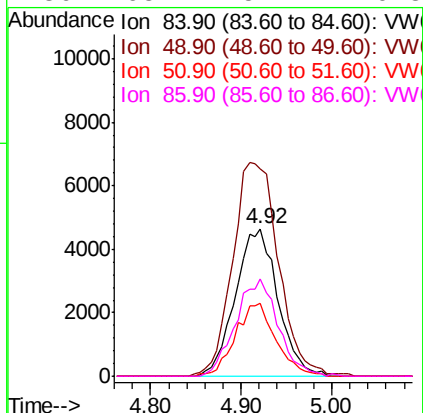
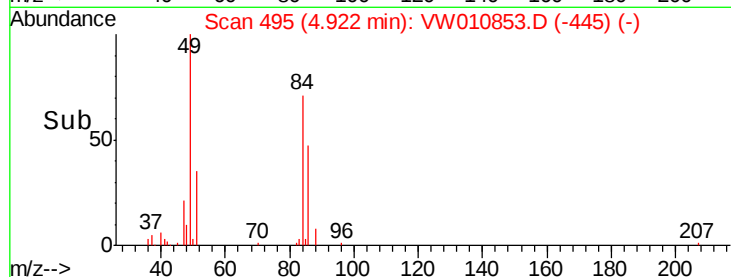
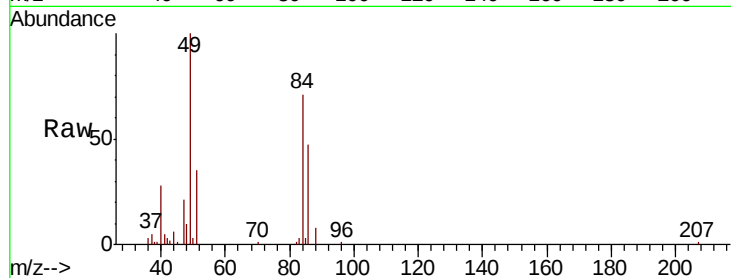




#20
Methvlene Chloride
Concen: 5.696 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010853.D
Acq: 19 Jun 2019 16:26

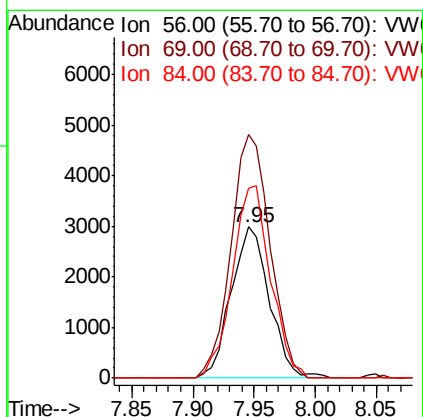
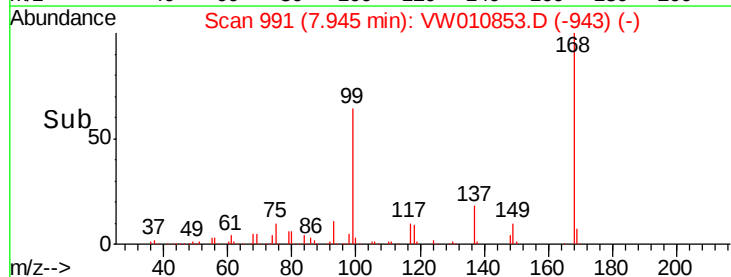
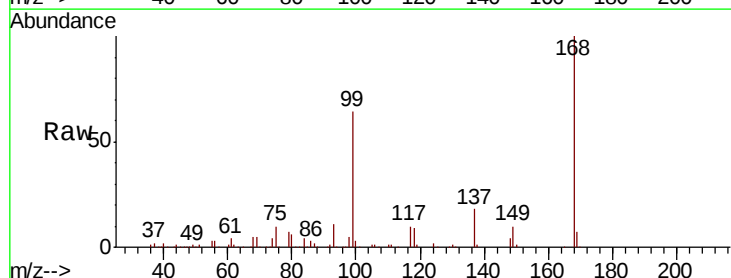
Instrument :
MSVOA_W
ClientSampleId :
CL-01-061719-A

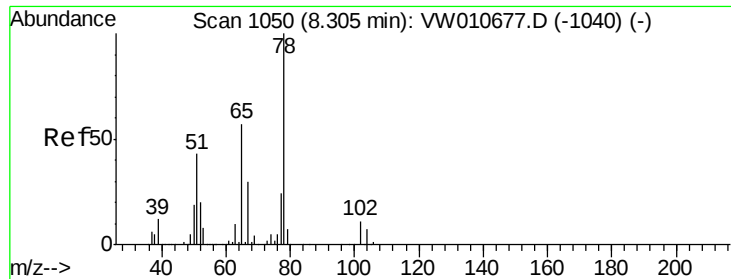
Tot Ion: 84 Resp: 15108
Ion Ratio Lower Upper
84 100
49 140.7 116.7 175.1
51 49.6 34.2 51.2
86 65.7 51.2 76.8



#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010853.D
Acq: 19 Jun 2019 16:26

Tgt Ion: 56 Resp: 6507
Ion Ratio Lower Upper
56 100
69 160.8 25.2 37.8#
84 130.2 62.2 93.2#

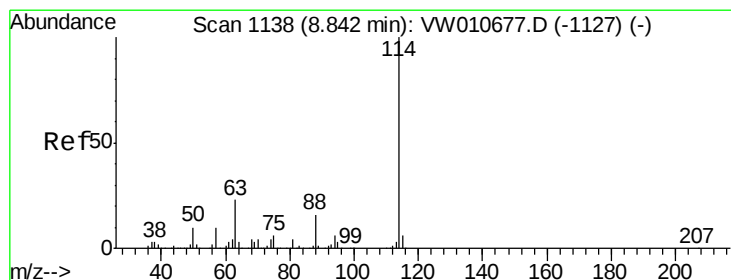
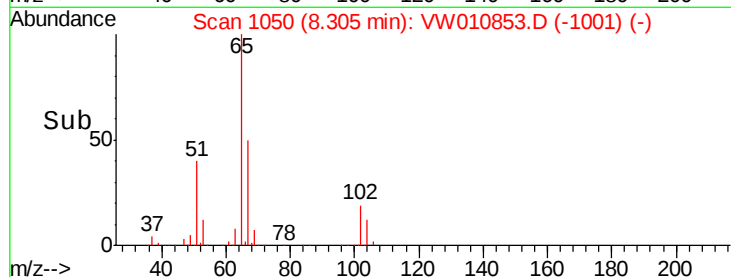
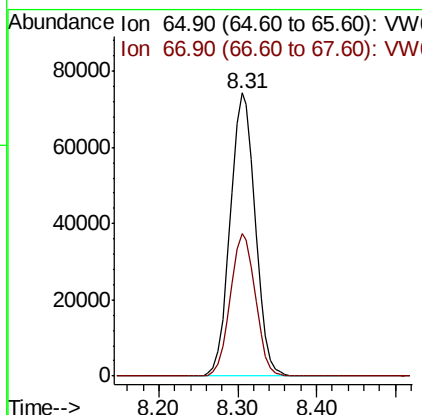
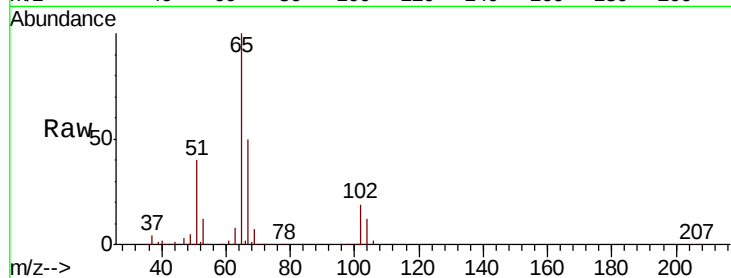




#33
 1,2-Dichloroethane-d4
 Concen: 58.057 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010853.D
 Acq: 19 Jun 2019 16:26

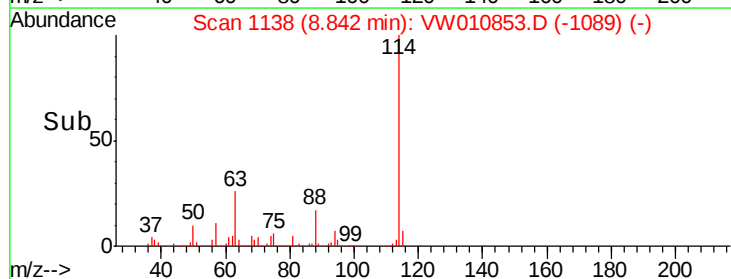
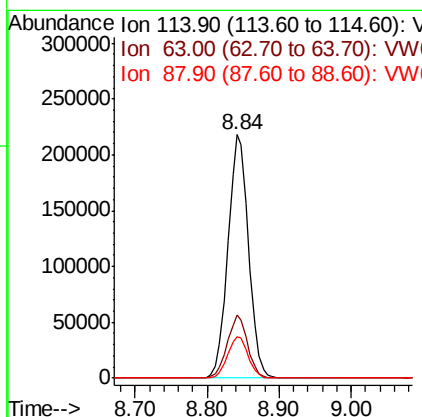
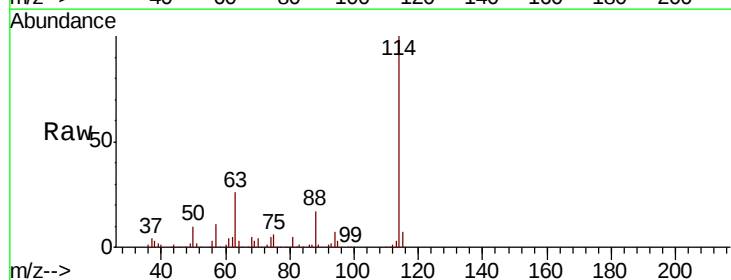
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-061719-A

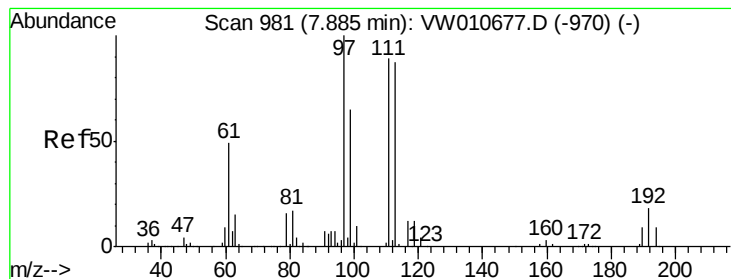
Tot Ion: 65 Resp: 163834
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010853.D
 Acq: 19 Jun 2019 16:26

Tgt Ion: 114 Resp: 432336
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 46.4
 88 17.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.820 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010853.D

Acq: 19 Jun 2019 16:26

Instrument :

MSVOA_W

ClientSampleId :

CL-01-061719-A

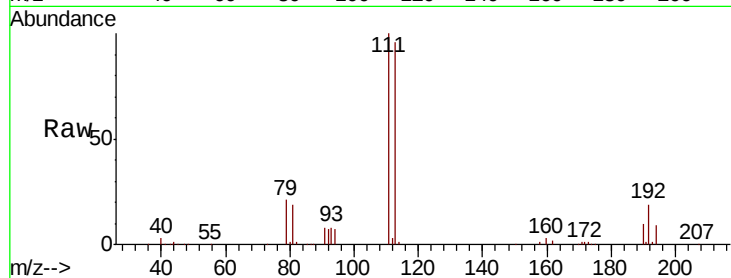
Tot Ion:113 Resp: 116910

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

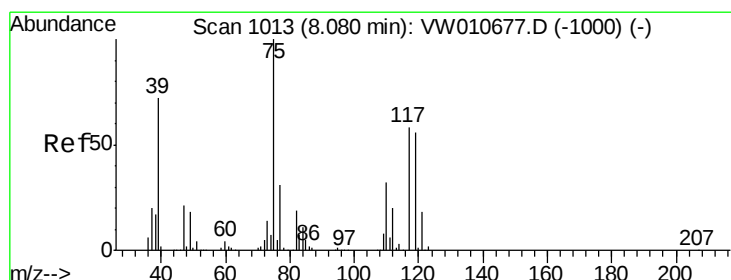
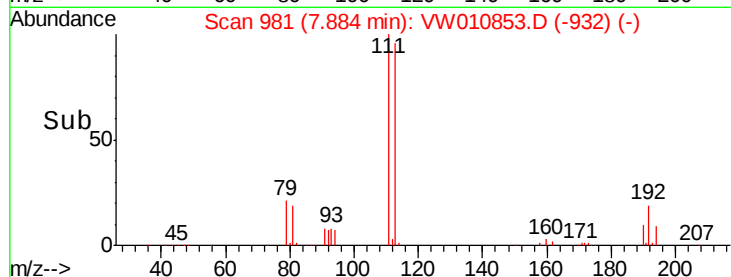
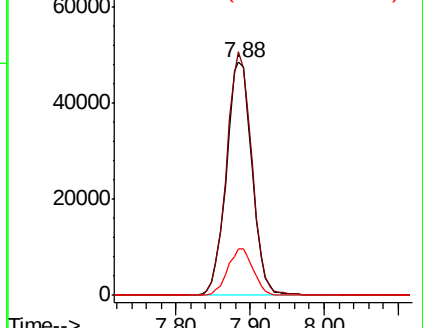
192 19.9 16.4 24.6



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



#36

1,1-Dichloropropene

Concen: 4.848 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010853.D

Acq: 19 Jun 2019 16:26

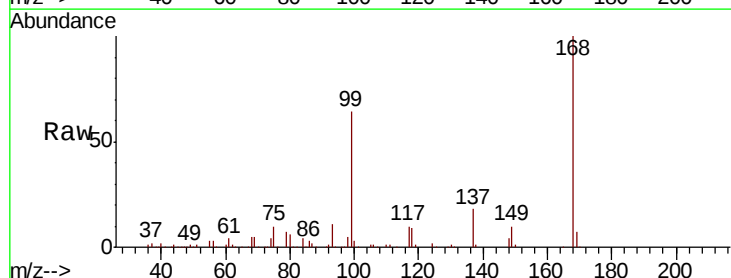
Tgt Ion: 75 Resp: 21453

Ion Ratio Lower Upper

75 100

110 8.9 15.8 47.3#

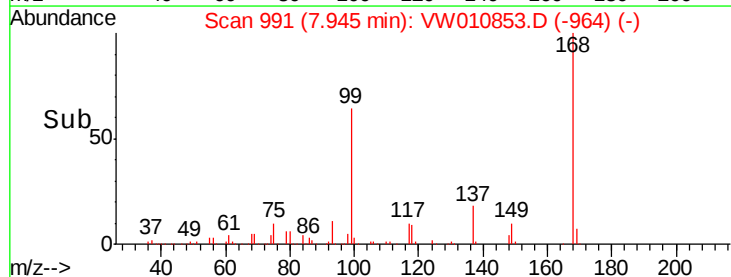
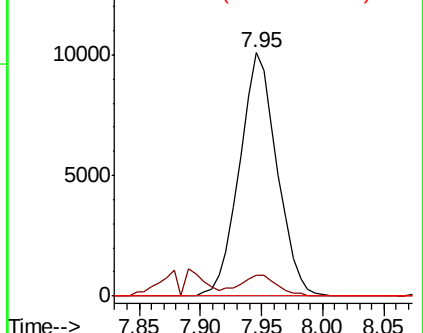
77 0.0 24.7 37.1#

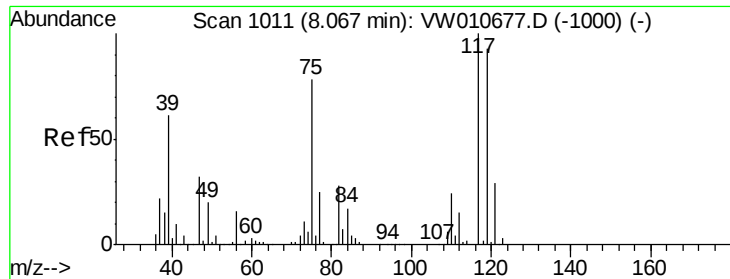


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

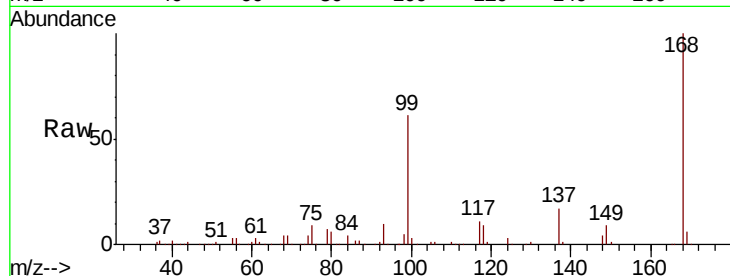




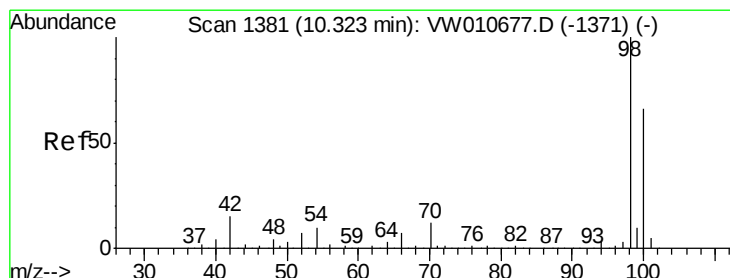
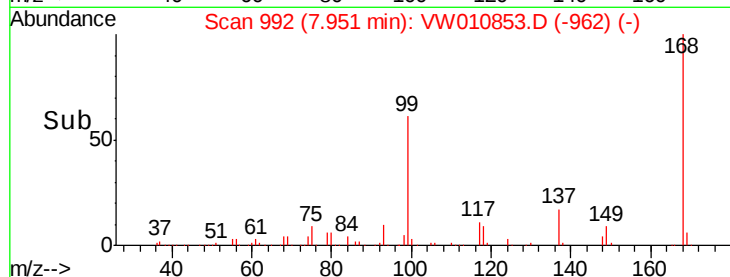
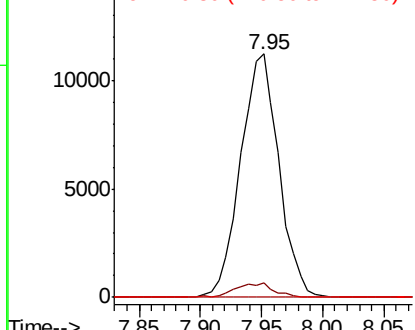
#38
Carbon Tetrachloride
Concen: 6.395 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010853.D
Acq: 19 Jun 2019 16:26

Instrument :
MSVOA_W
ClientSampleId :
CL-01-061719-A

Tot Ion:117 Resp: 24429
Ion Ratio Lower Upper
117 100
119 5.7 74.2 111.4#
121 0.0 22.9 34.3#

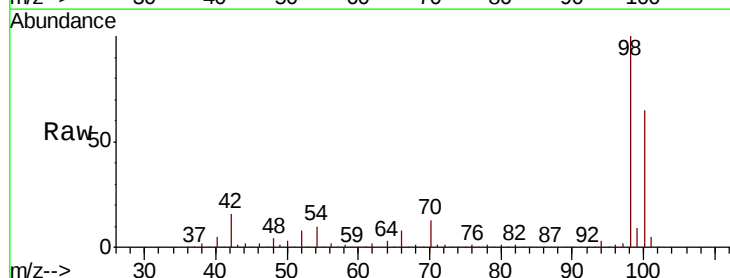


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

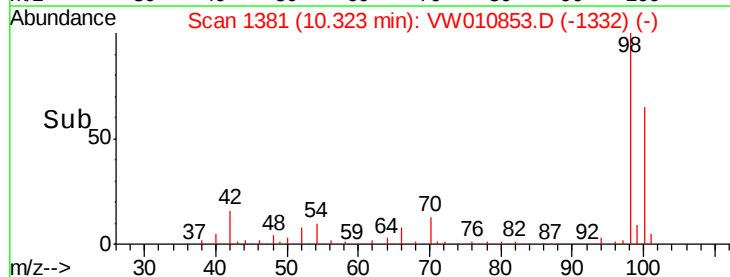
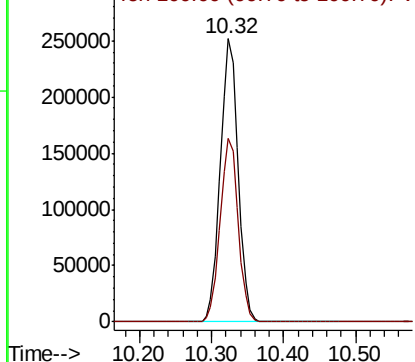


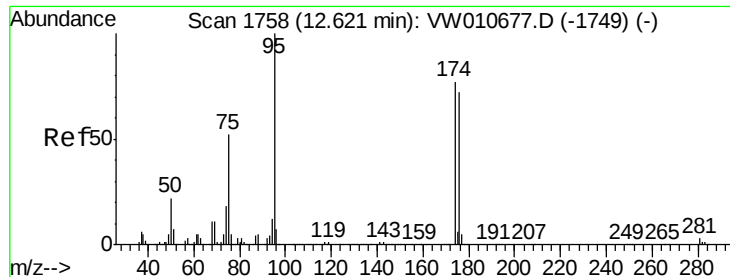
#50
Toluene-d8
Concen: 42.147 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010853.D
Acq: 19 Jun 2019 16:26

Tgt Ion: 98 Resp: 433707
Ion Ratio Lower Upper
98 100
100 65.4 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: 36.166 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010853.D

Acq: 19 Jun 2019 16:26

Instrument :

MSVOA_W

ClientSampleId :

CL-01-061719-A

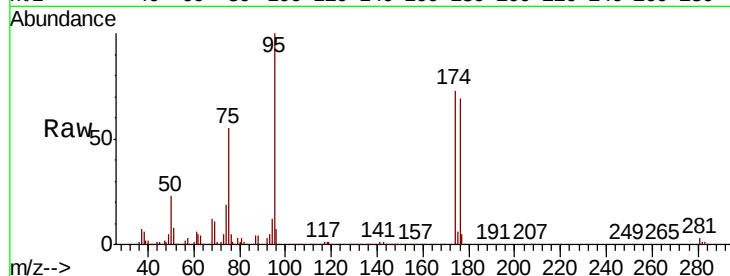
Tot Ion: 95 Resp: 135421

Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.4

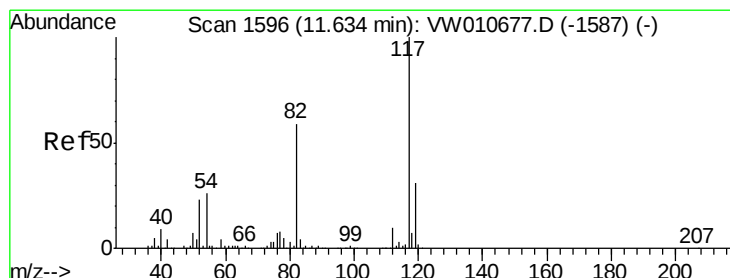
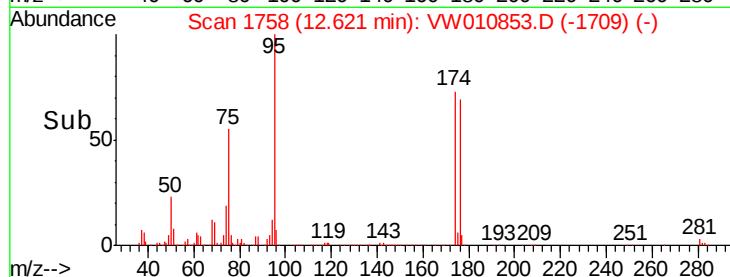
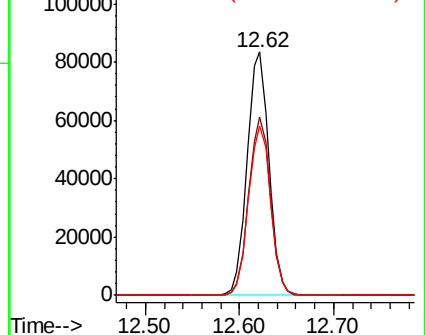
176 70.4 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010853.D

Acq: 19 Jun 2019 16:26

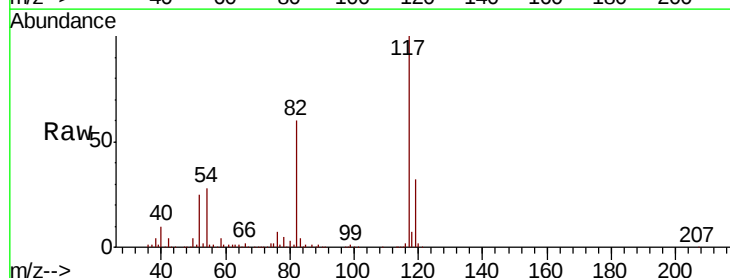
Tgt Ion: 117 Resp: 333323

Ion Ratio Lower Upper

117 100

82 59.6 47.0 70.4

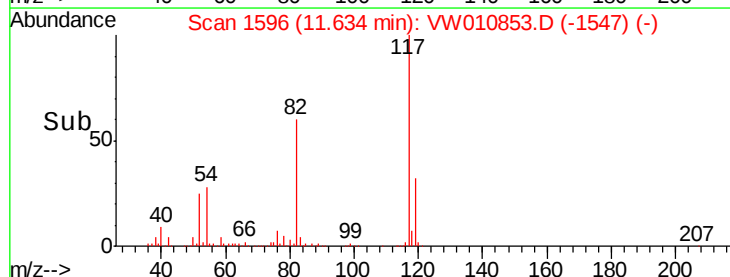
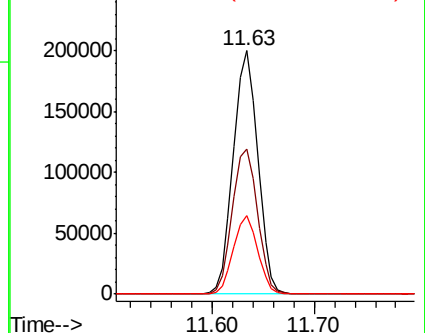
119 32.4 25.1 37.7

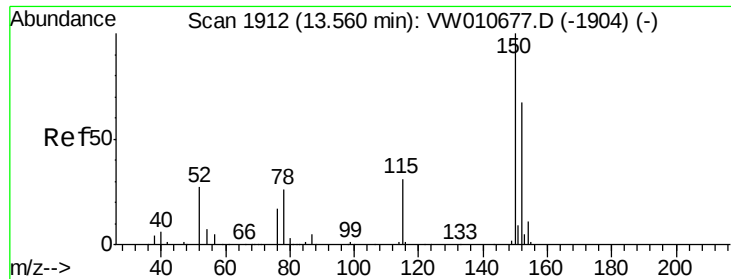


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



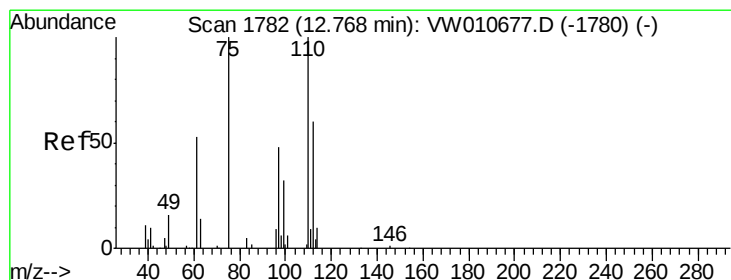
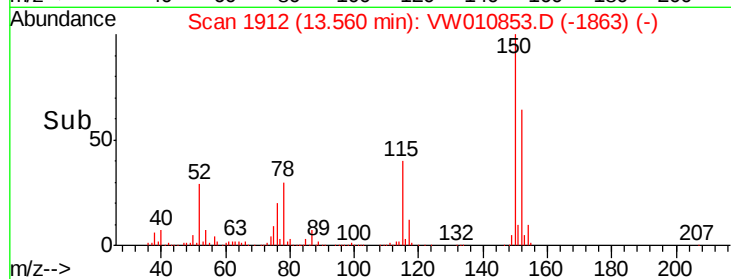
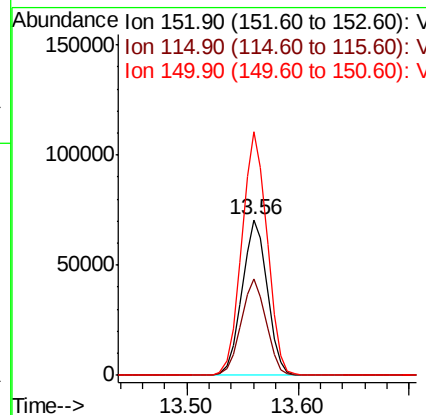
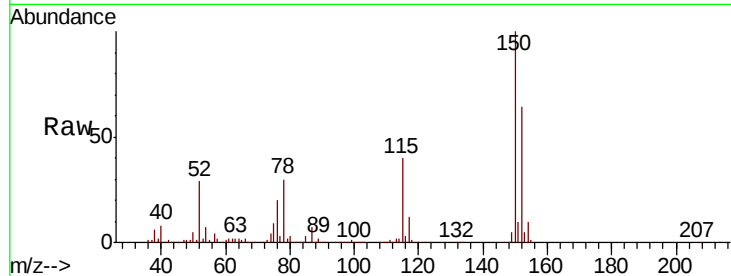


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010853.D
Acq: 19 Jun 2019 16:26

Instrument :
MSVOA_W
ClientSampleId :
CL-01-061719-A

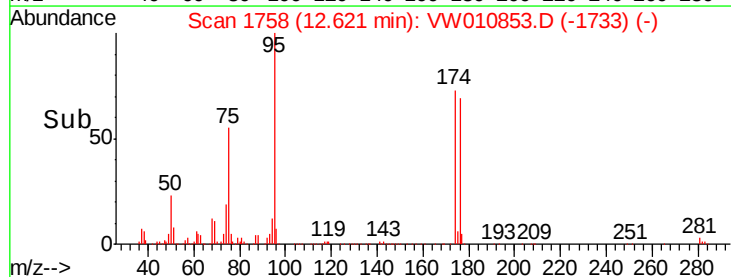
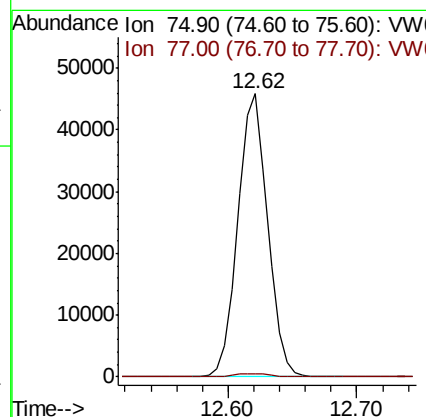
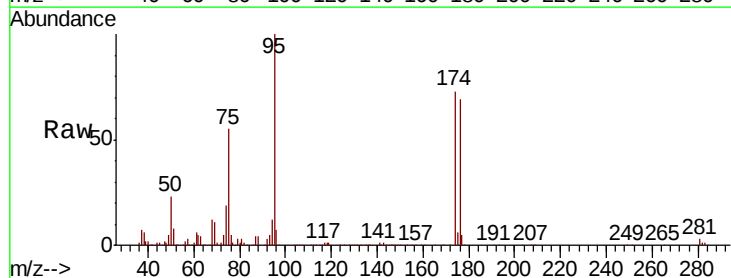
Tot Ion:152 Resp: 110508
Ion Ratio Lower Upper
152 100
115 61.5 29.8 89.3
150 157.1 0.0 345.0

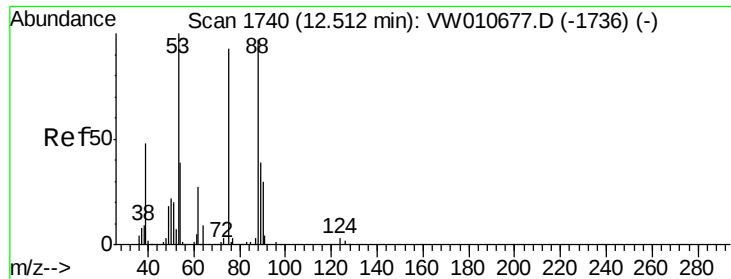


#76

1,2,3-Trichloropropane
Concen: 63.378 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010853.D
Acq: 19 Jun 2019 16:26

Tgt Ion: 75 Resp: 73549
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 145.663 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010853.D

Acq: 19 Jun 2019 16:26

Instrument :

MSVOA_W

ClientSampleId :

CL-01-061719-A

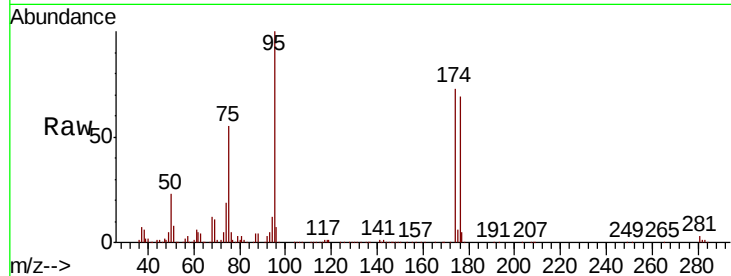
Tot Ion: 75 Resp: 73549

Ion Ratio Lower Upper

75 100

53 0.2 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

