

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011043.D
 Acq On : 28 Jun 2019 04:08
 Operator : SY/VA
 Sample : K3157-19
 Misc : 6.85G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 08:35:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

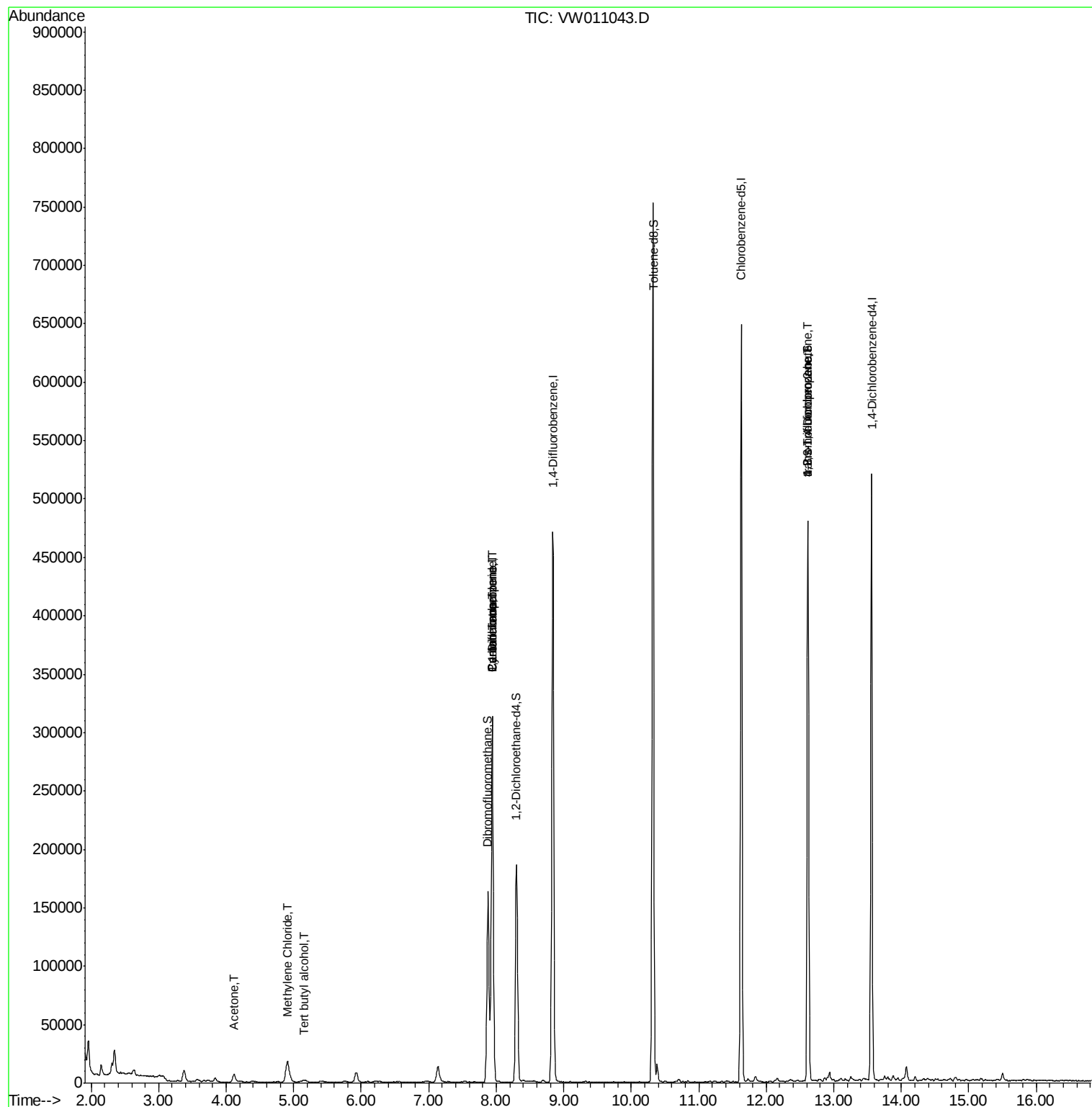
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	219258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148368	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.88	113	112439	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	10.32	98	467679	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	154053	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.16	59	3022	14.517	ug/l	99
16) Acetone	4.12	43	13123	18.757	ug/l	94
20) Methylene Chloride	4.91	84	13320	4.686	ug/l	96
31) Cyclohexane	7.94	56	5933	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	19678	5.008	ug/l #	51
38) Carbon Tetrachloride	7.94	117	22335	6.903	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	84378	63.381	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84378	127.896	ug/l #	3

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

Instrument :

MSVOA_W

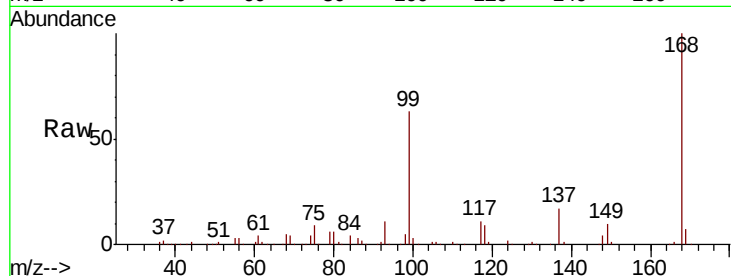
ClientSampled :

Tot Ion:168 Resp: 219258

Ion Ratio Lower Upper

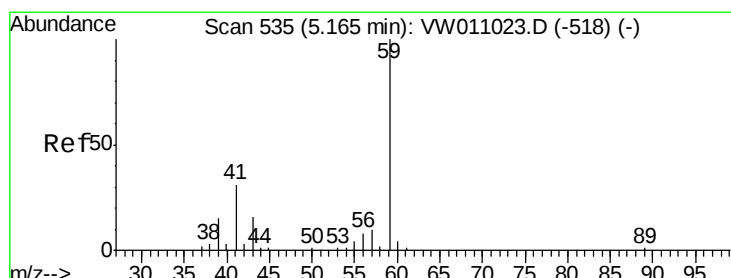
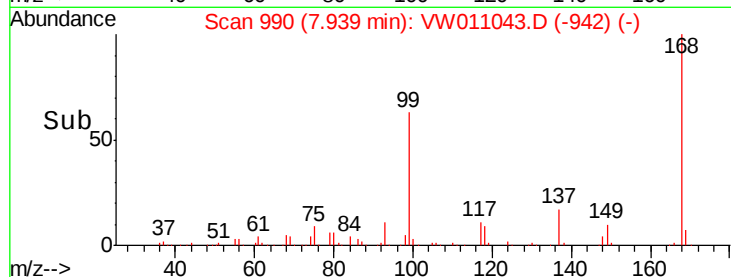
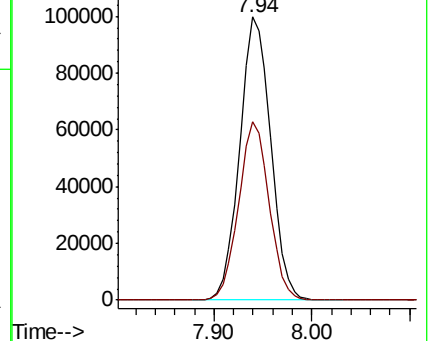
168 100

99 63.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 14.517 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW011043.D

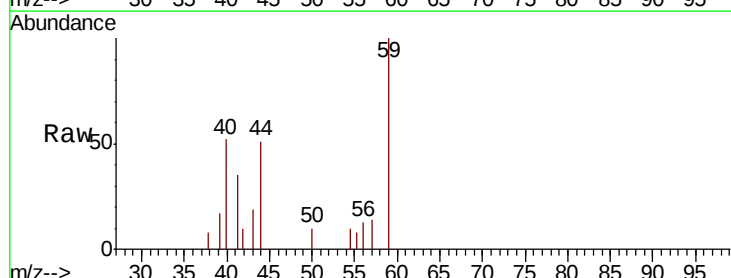
Acq: 28 Jun 2019 04:08

Tgt Ion: 59 Resp: 3022

Ion Ratio Lower Upper

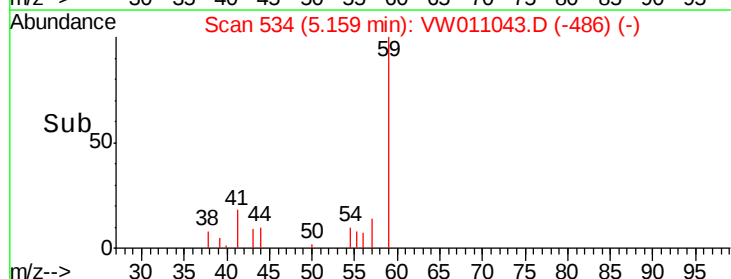
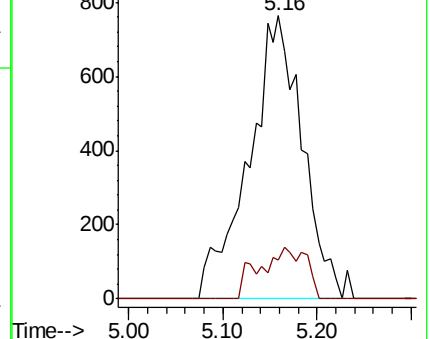
59 100

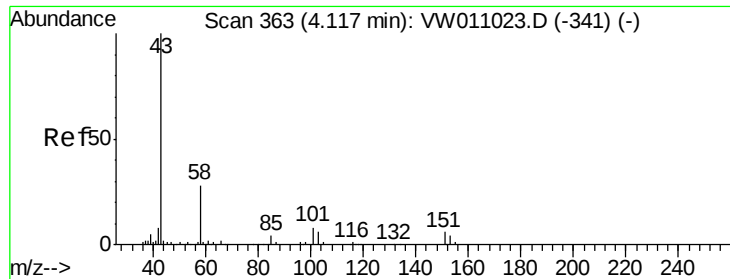
57 10.7 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 18.757 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

Instrument :

MSVOA_W

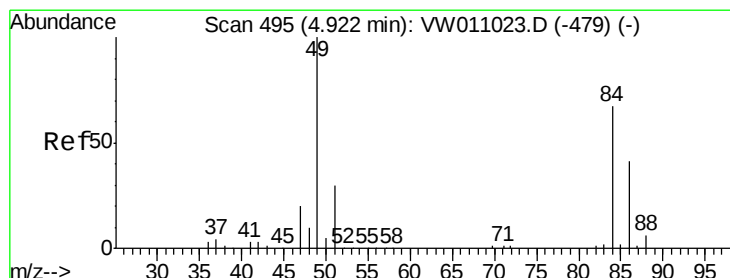
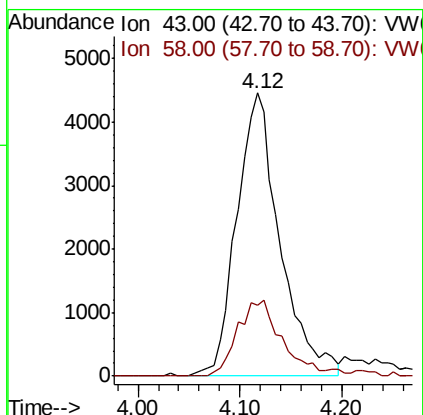
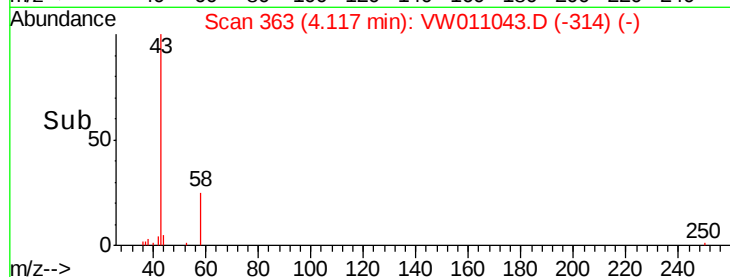
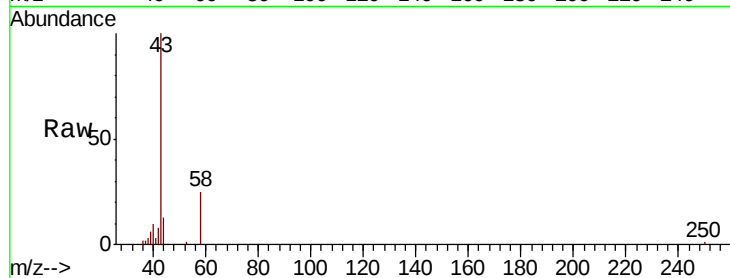
ClientSampleId :

Tot Ion: 43 Resp: 13123

Ion Ratio Lower Upper

43 100

58 24.9 22.5 33.7



#20

Methylene Chloride

Concen: 4.686 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

Tgt Ion: 84 Resp: 13320

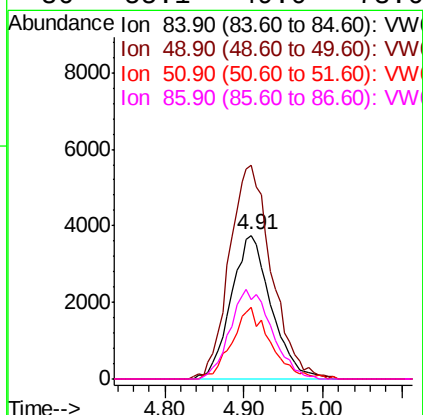
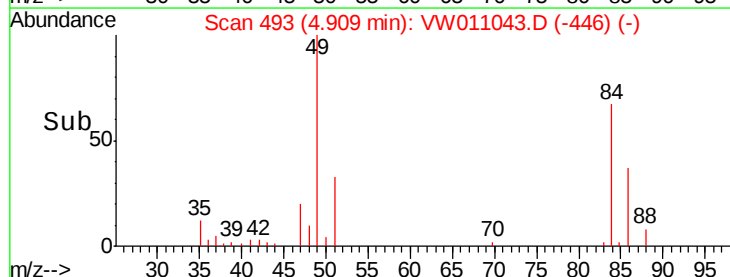
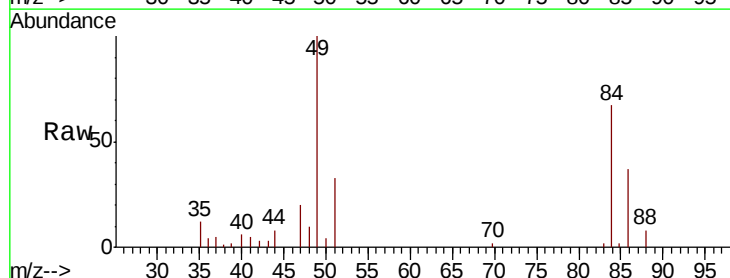
Ion Ratio Lower Upper

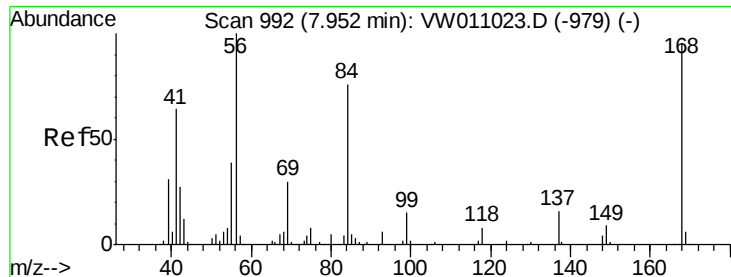
84 100

49 148.3 119.6 179.4

51 49.6 35.6 53.4

86 55.1 49.0 73.6

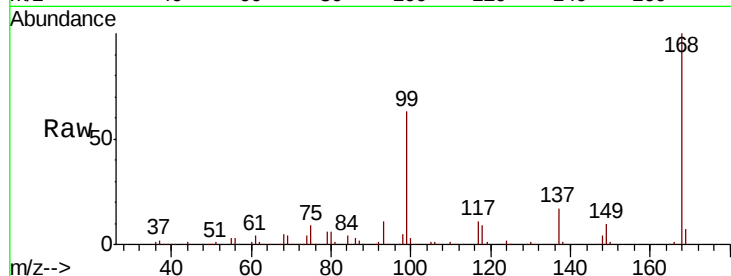




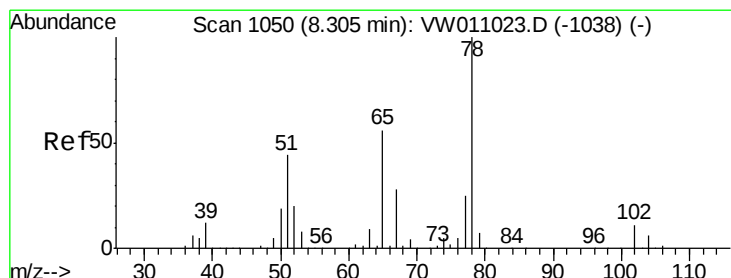
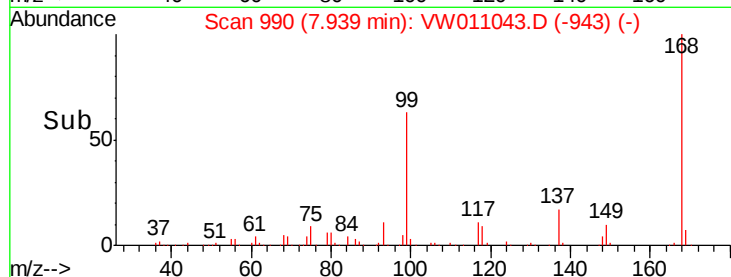
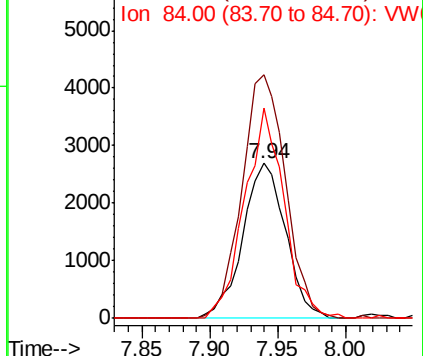
#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011043.D
Acq: 28 Jun 2019 04:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5933
Ion Ratio Lower Upper
56 100
69 157.1 24.2 36.2#
84 135.3 60.6 90.8#

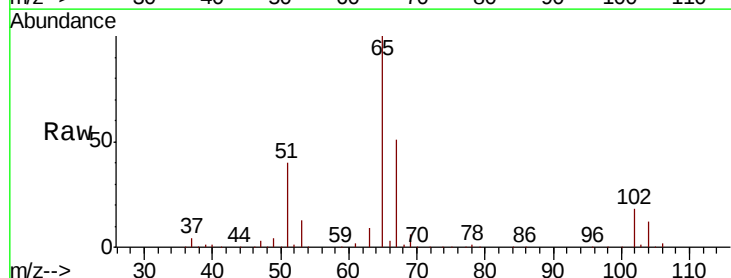


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

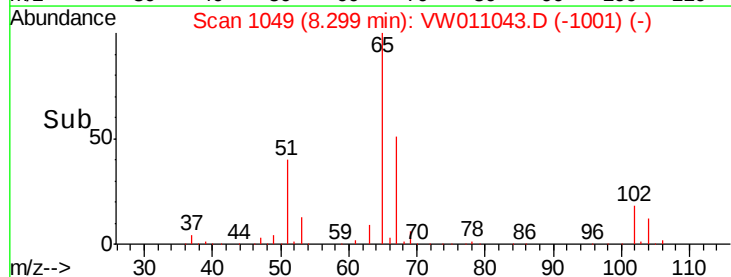
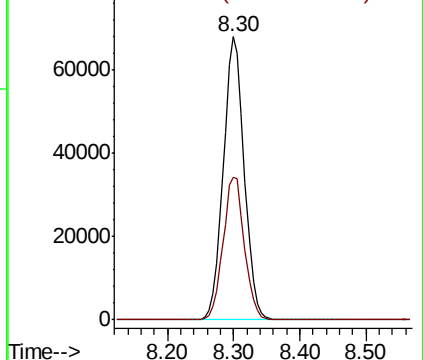


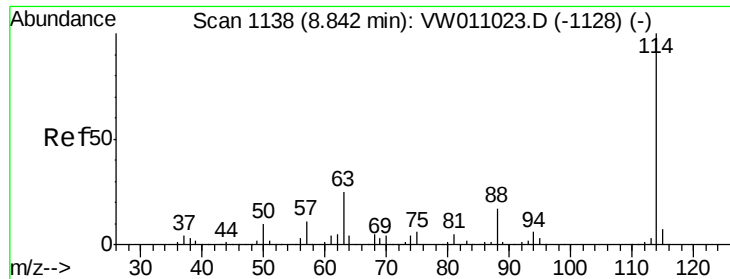
#33
1,2-Dichloroethane-d4
Concen: 51.763 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW011043.D
Acq: 28 Jun 2019 04:08

Tgt Ion: 65 Resp: 148368
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

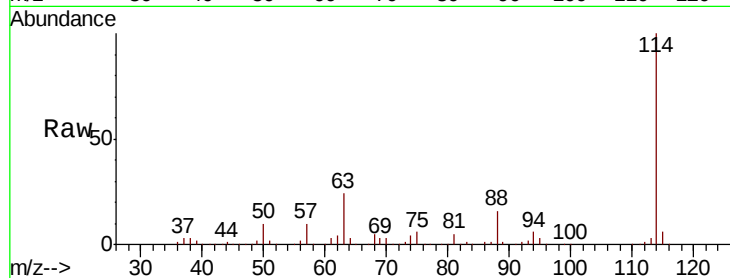




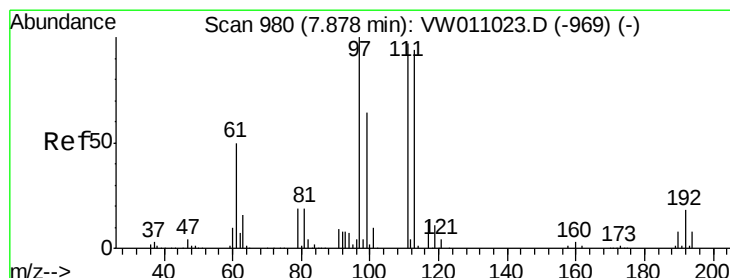
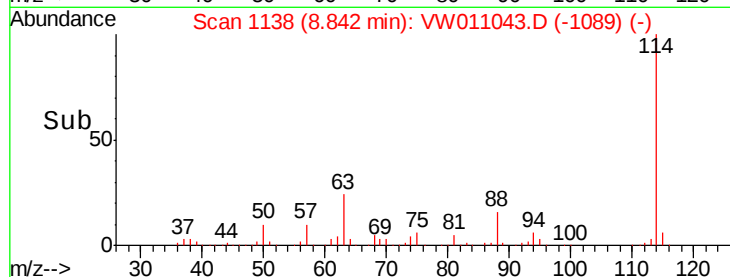
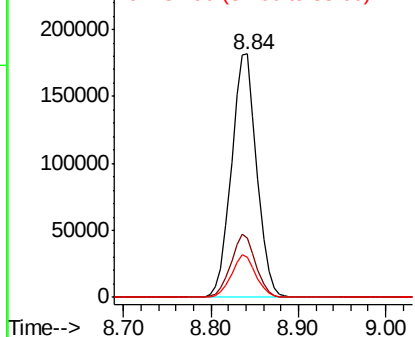
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011043.D
Acq: 28 Jun 2019 04:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 365562
Ion Ratio Lower Upper
114 100
63 24.4 0.0 50.6
88 16.5 0.0 34.0

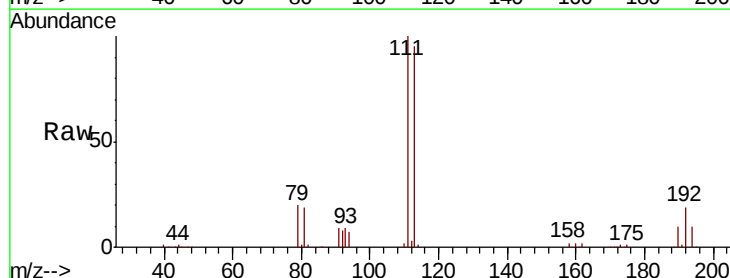


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

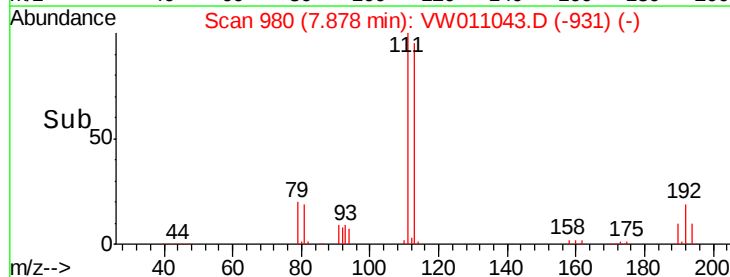
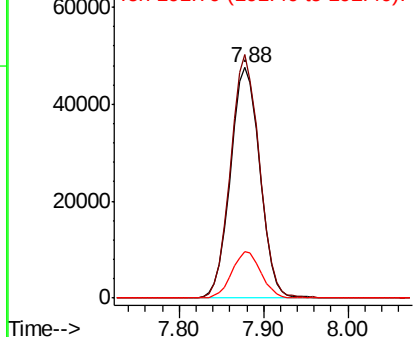


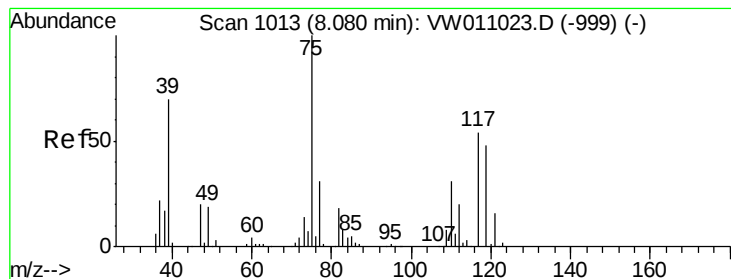
#35
Dibromofluoromethane
Concen: 50.370 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW011043.D
Acq: 28 Jun 2019 04:08

Tgt Ion:113 Resp: 112439
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 19.8 16.0 24.0



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: 5.008 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

Instrument :

MSVOA_W

ClientSampleId :

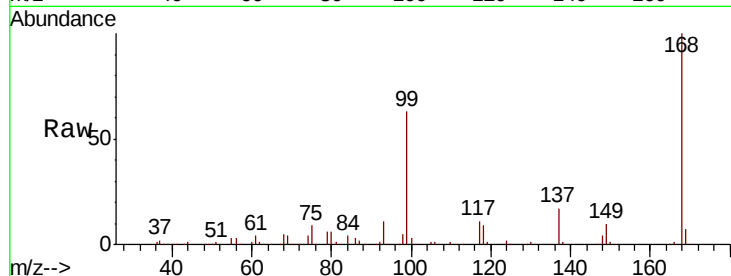
Tot Ion: 75 Resp: 19678

Ion Ratio Lower Upper

75 100

110 8.1 15.5 46.5#

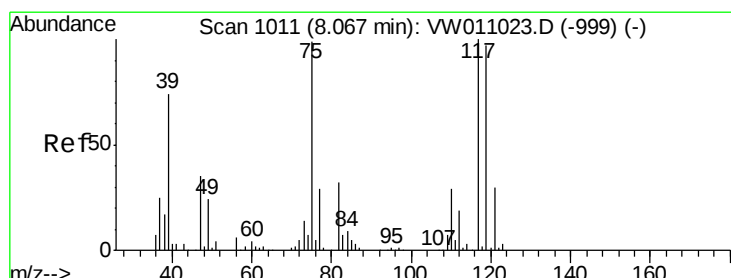
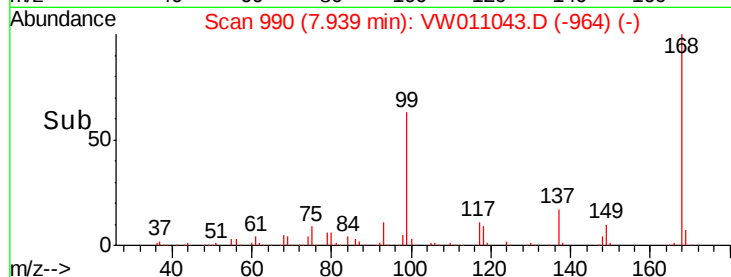
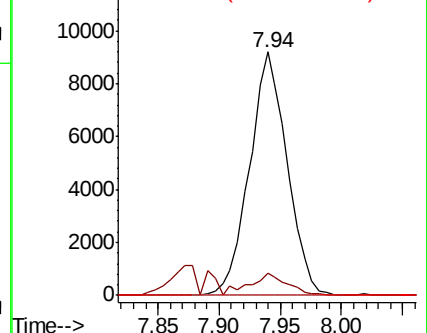
77 0.0 24.9 37.3#



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: 6.903 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

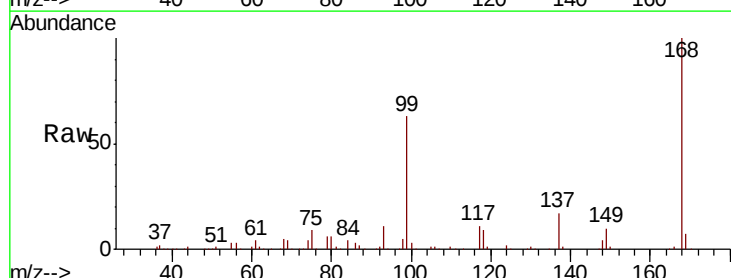
Tgt Ion: 117 Resp: 22335

Ion Ratio Lower Upper

117 100

119 5.1 77.7 116.5#

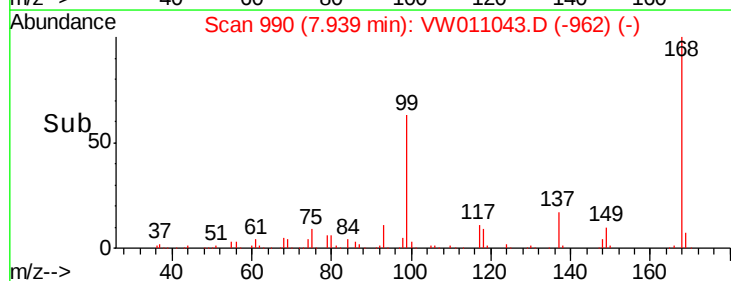
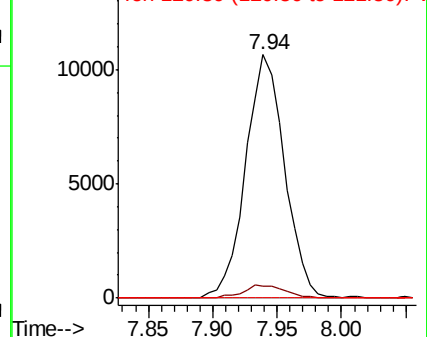
121 0.0 23.9 35.9#

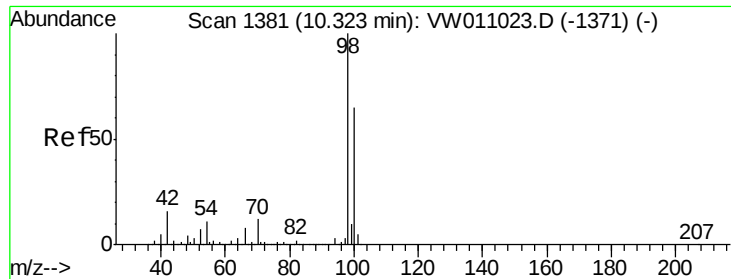


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.898 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

Instrument :

MSVOA_W

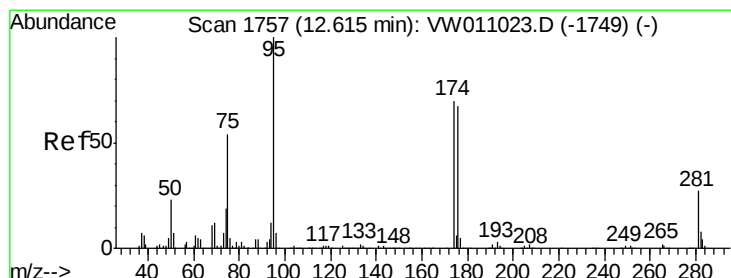
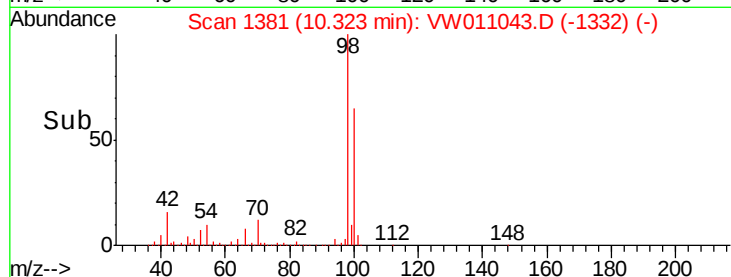
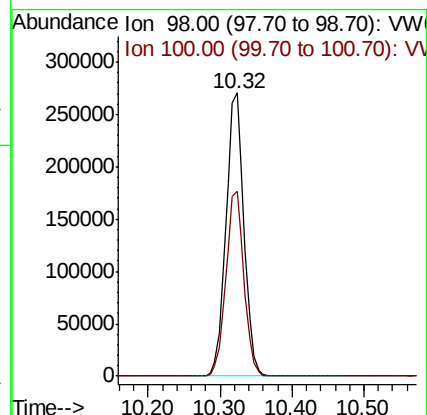
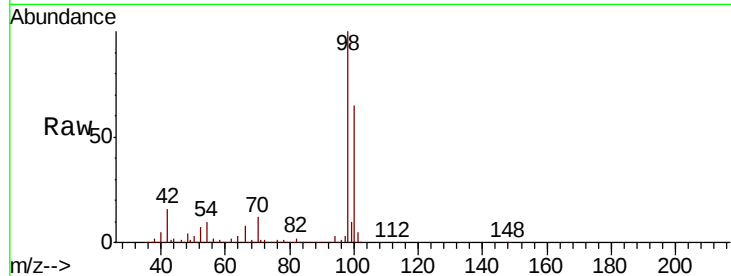
ClientSampleId :

Tot Ion: 98 Resp: 467679

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.839 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

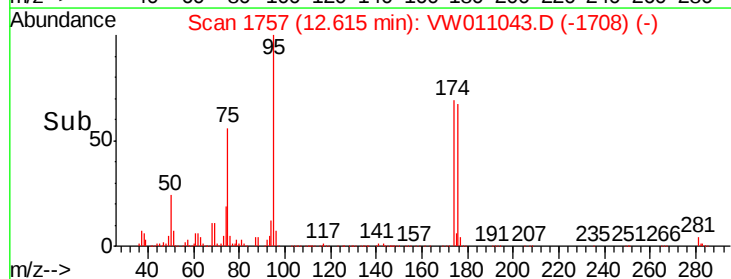
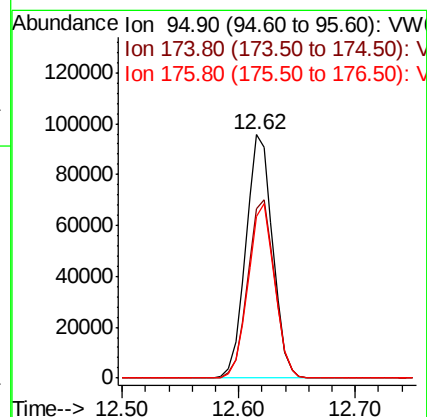
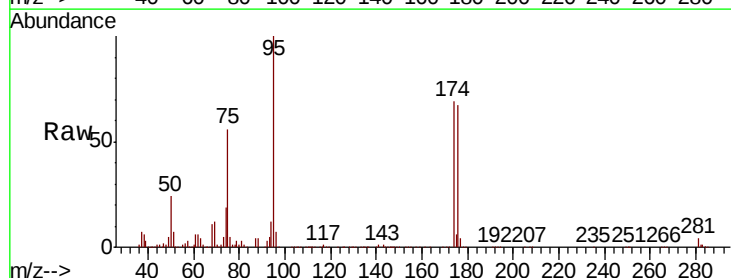
Tgt Ion: 95 Resp: 154053

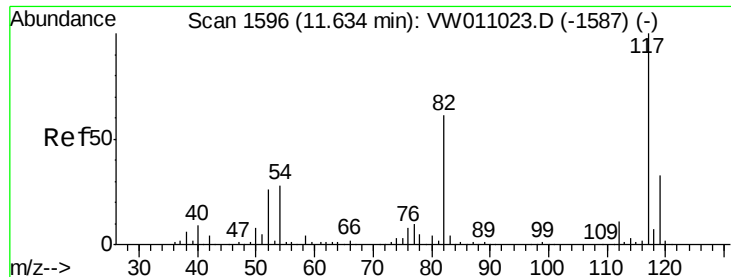
Ion Ratio Lower Upper

95 100

174 73.2 0.0 149.2

176 71.0 0.0 143.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

Instrument :

MSVOA_W

ClientSampled :

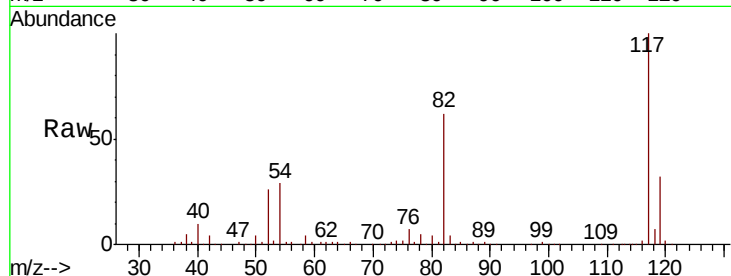
Tot Ion:117 Resp: 323715

Ion Ratio Lower Upper

117 100

82 62.1 48.6 73.0

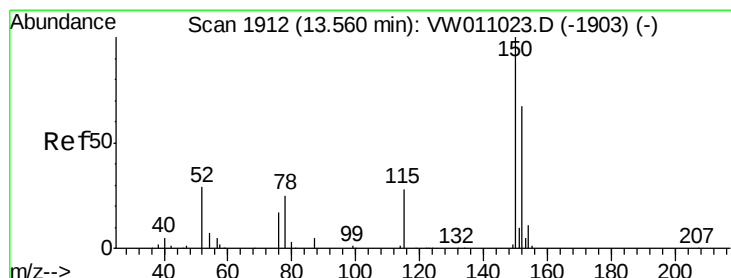
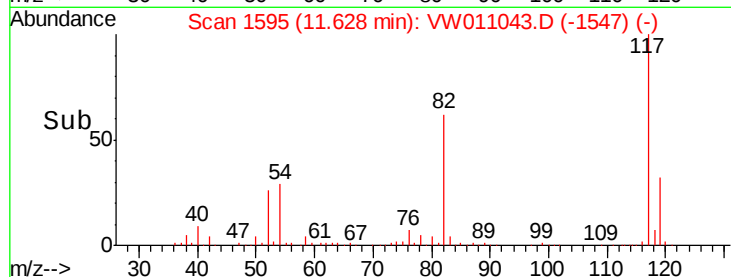
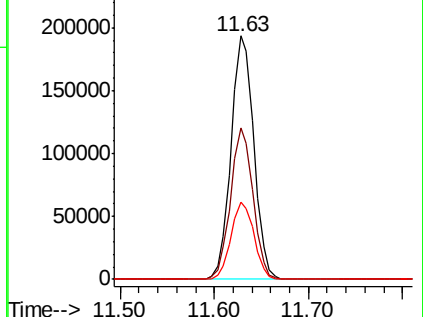
119 31.9 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW011043.D

Acq: 28 Jun 2019 04:08

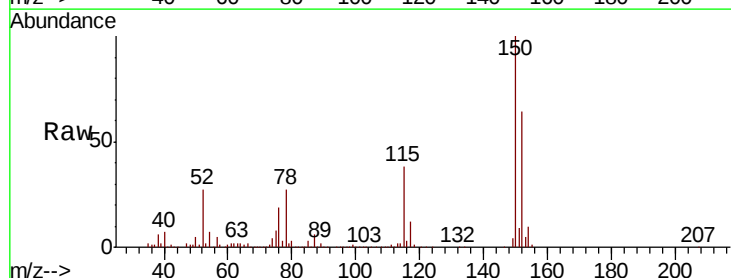
Tgt Ion:152 Resp: 126099

Ion Ratio Lower Upper

152 100

115 60.1 30.7 92.1

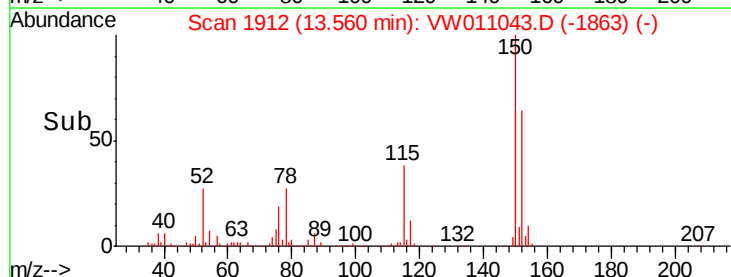
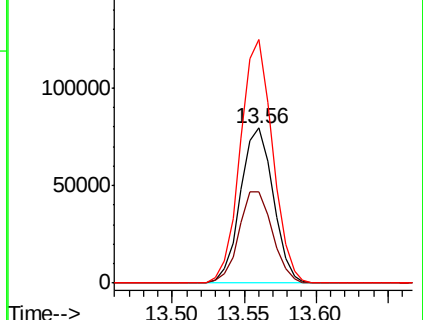
150 154.3 0.0 341.8

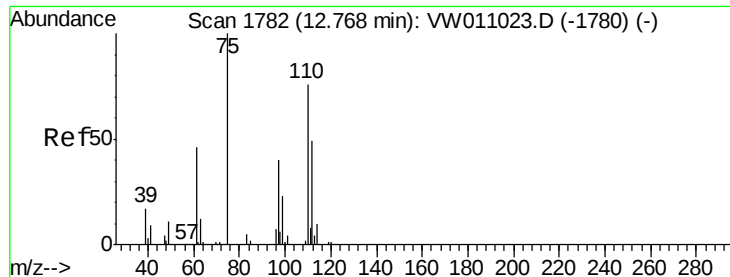


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

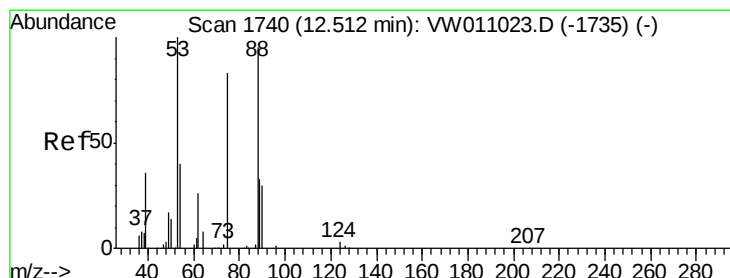
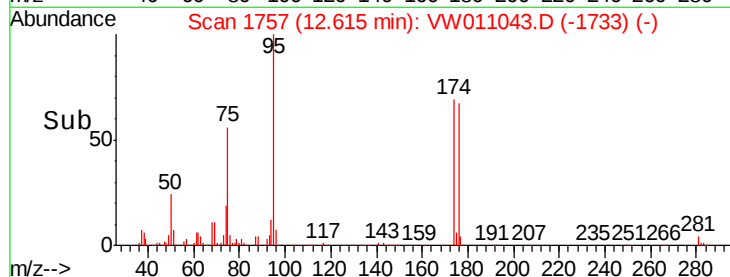
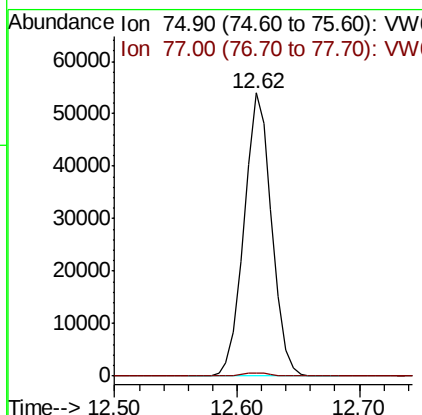
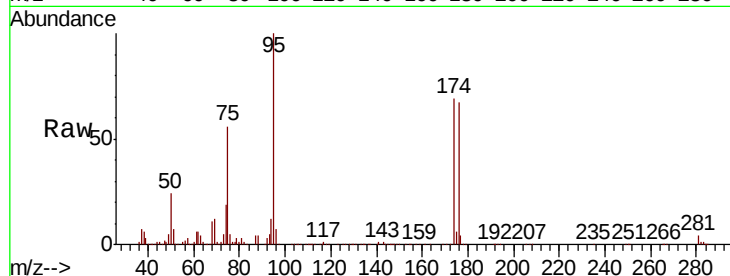




#76
 1,2,3-Trichloropropane
 Concen: 63.381 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011043.D
 Acq: 28 Jun 2019 04:08

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 84378
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.896 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011043.D
 Acq: 28 Jun 2019 04:08

Tgt Ion: 75 Resp: 84378
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 34.4 51.6#

