

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010653.D
 Acq On : 03 Jun 2019 12:12
 Operator : SY/VA
 Sample : VW0603SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 07:36:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

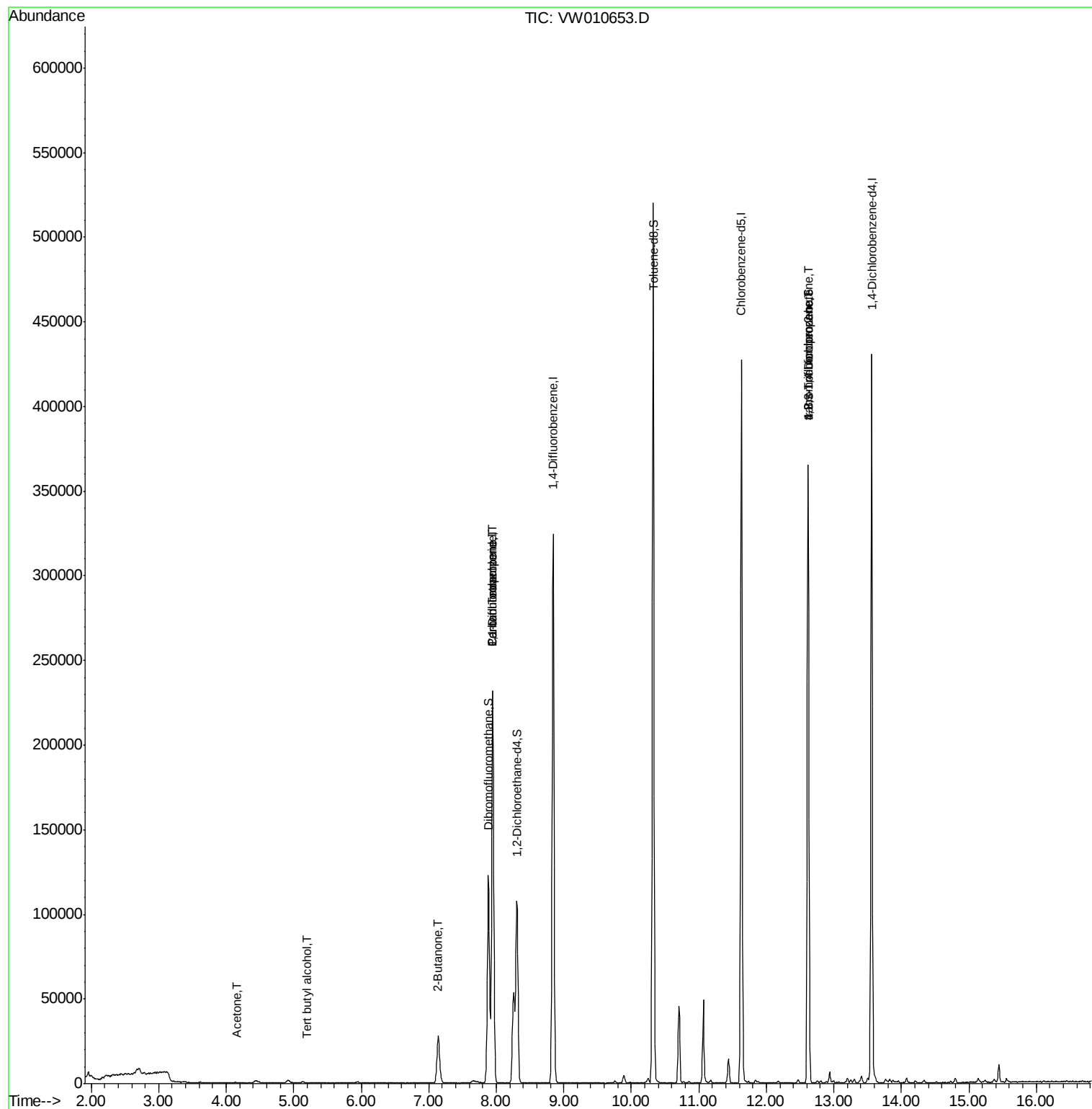
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	299042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	85075	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
35) Dibromofluoromethane	7.88	113	88328	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	10.32	98	355800	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.62	95	128802	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	198	1.184	ug/l #	71
13) Acrolein	3.84	56	20	Below Cal	#	13
16) Acetone	4.15	43	807	2.126	ug/l #	80
20) Methylene Chloride	4.92	84	1388	Below Cal		87
25) 2-Butanone	7.13	43	1470	2.706	ug/l #	85
36) 1,1-Dichloropropene	7.95	75	12641	4.538	ug/l #	49
38) Carbon Tetrachloride	7.95	117	17985	5.985	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	59200	49.949	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	59200	104.244	ug/l #	14

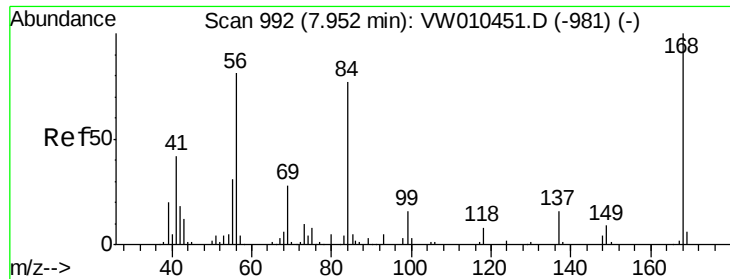
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010653.D
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 04 07:36:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010653.D

Acq: 03 Jun 2019 12:12

Instrument :

MSVOA_W

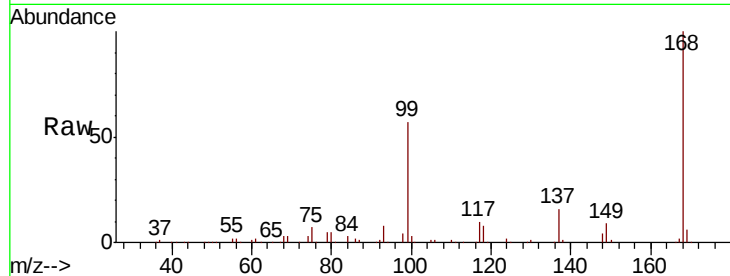
ClientSampleId :

Tot Ion:168 Resp: 180185

Ion Ratio Lower Upper

168 100

99 56.8 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

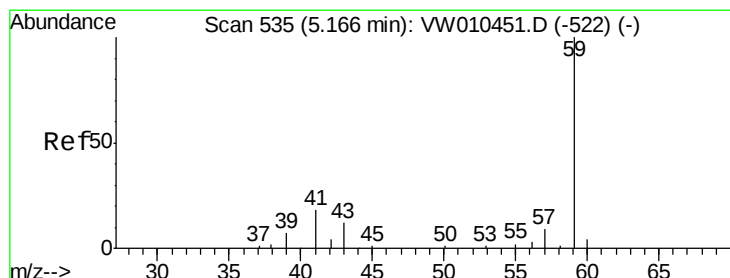
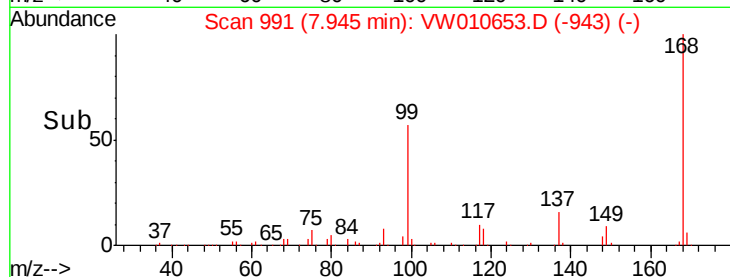
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.184 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.03 min

Lab File: VW010653.D

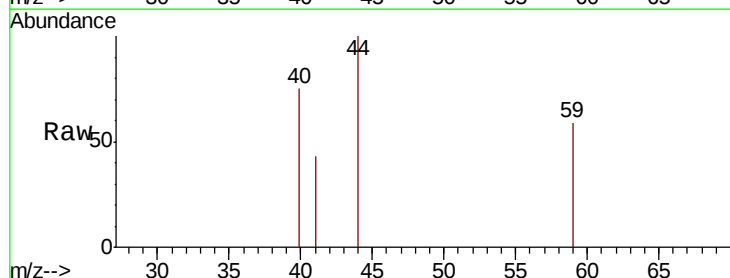
Acq: 03 Jun 2019 12:12

Tgt Ion: 59 Resp: 198

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

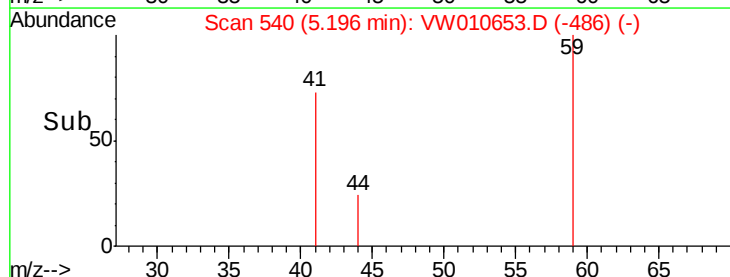
150

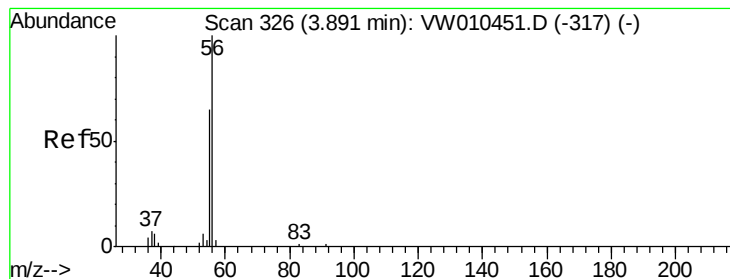
100

50

0

Time--> 5.16 5.18 5.20 5.22 5.24





#13

Acrolein

Concen: Below Cal

RT: 3.84 min Scan# 317

Delta R.T. -0.05 min

Lab File: VW010653.D

Acq: 03 Jun 2019 12:12

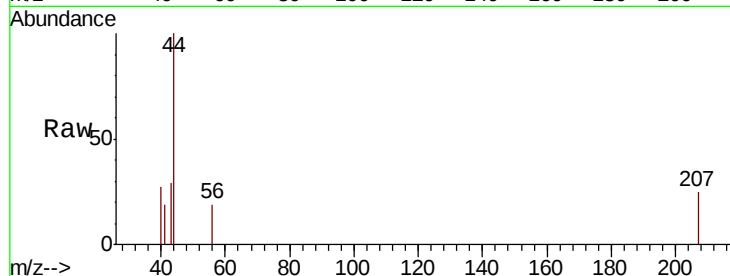
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 20

Ion Ratio Lower Upper

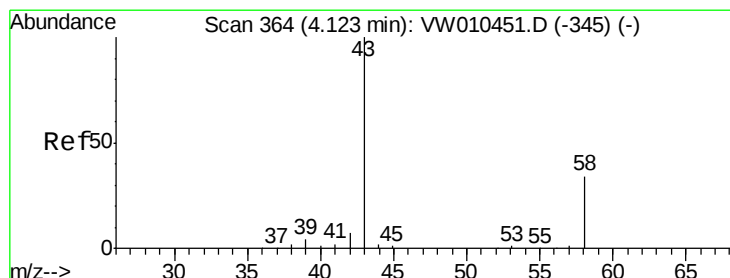
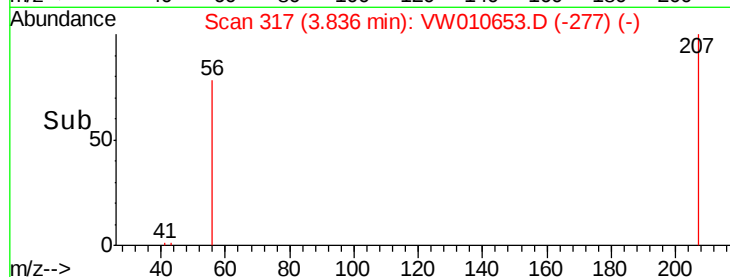
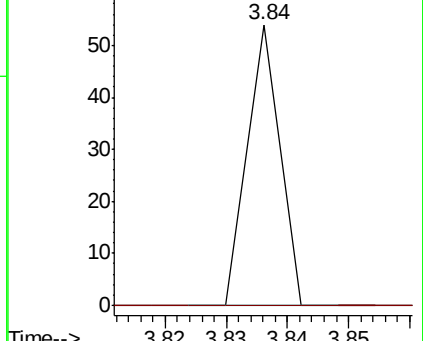
56 100

55 0.0 57.9 86.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 2.126 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

Lab File: VW010653.D

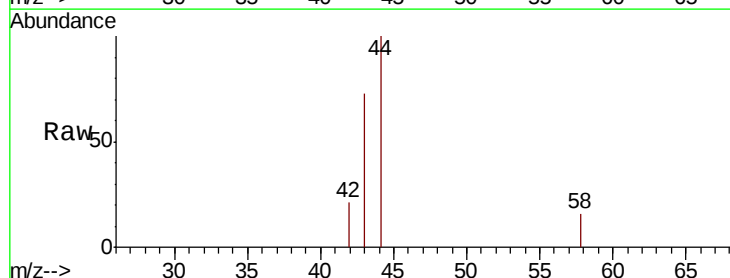
Acq: 03 Jun 2019 12:12

Tgt Ion: 43 Resp: 807

Ion Ratio Lower Upper

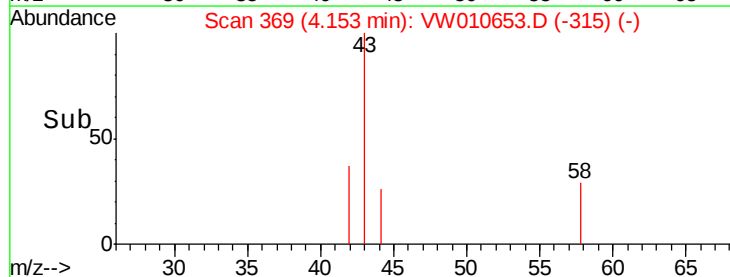
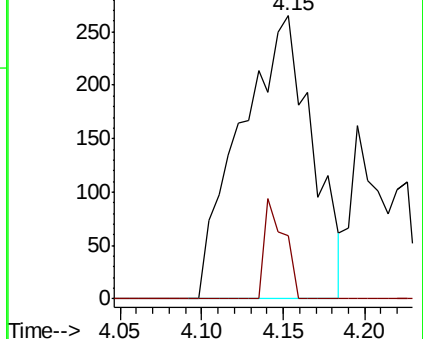
43 100

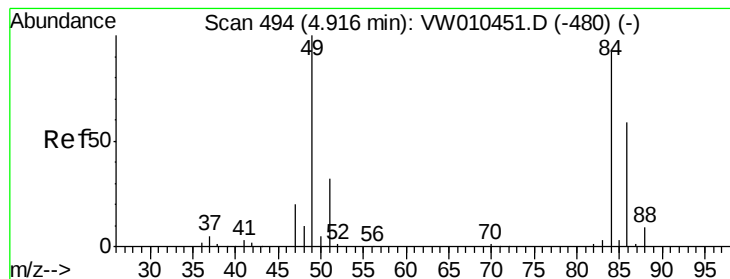
58 22.3 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010653.D

Acq: 03 Jun 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 1388

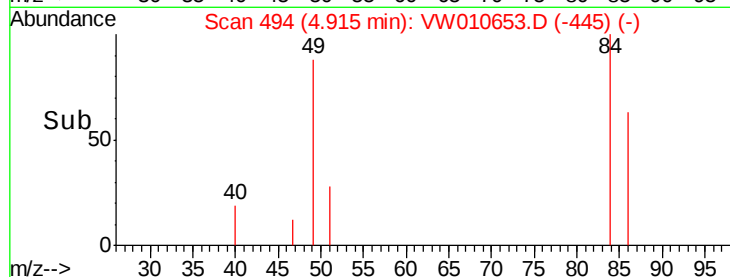
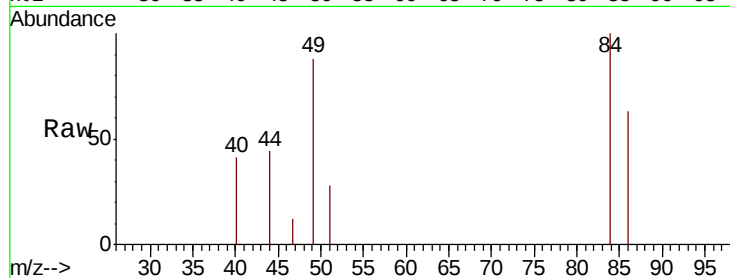
Ion Ratio Lower Upper

84 100

49 87.7 87.2 130.8

51 27.8 27.7 41.5

86 63.5 51.4 77.0



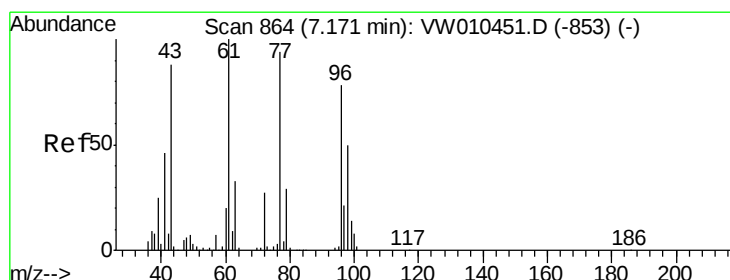
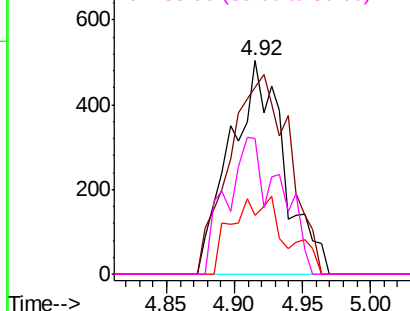
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 2.706 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW010653.D

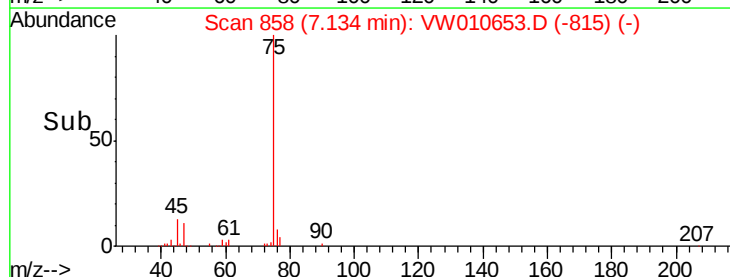
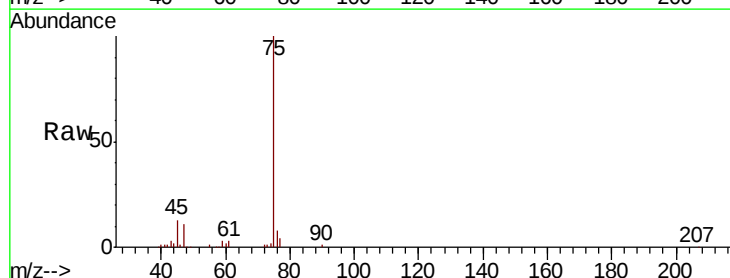
Acq: 03 Jun 2019 12:12

Tgt Ion: 43 Resp: 1470

Ion Ratio Lower Upper

43 100

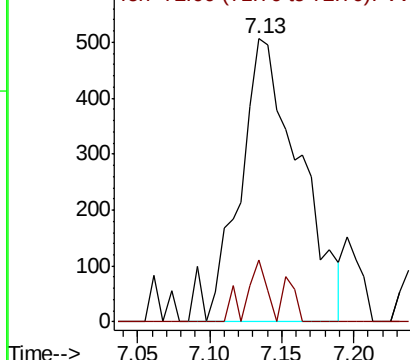
72 21.7 24.1 36.1#

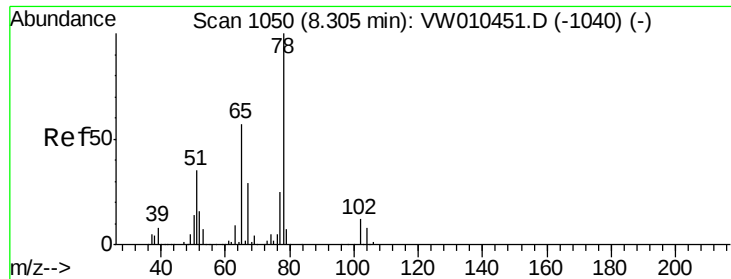


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

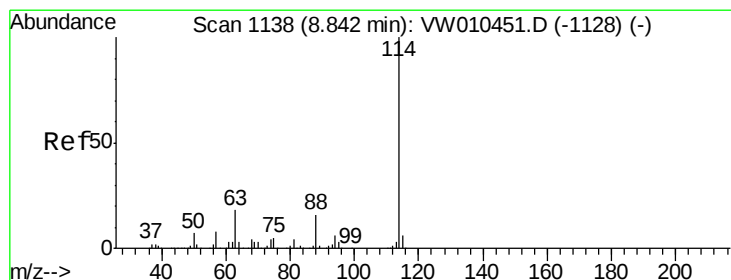
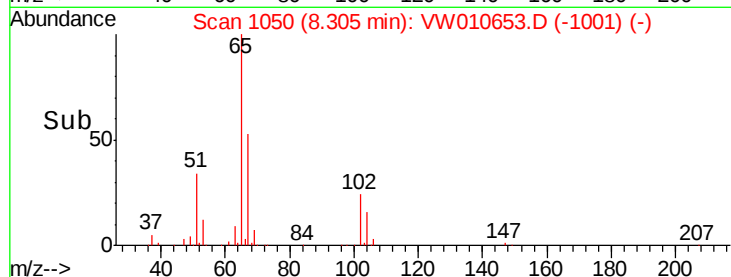
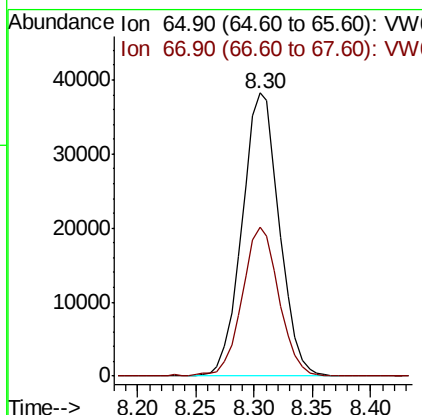
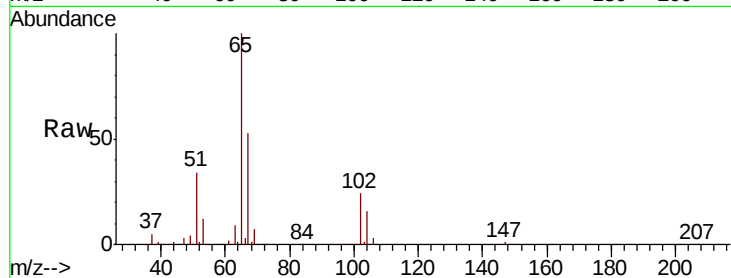




#33
 1,2-Dichloroethane-d4
 Concen: 45.744 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010653.D
 Acq: 03 Jun 2019 12:12

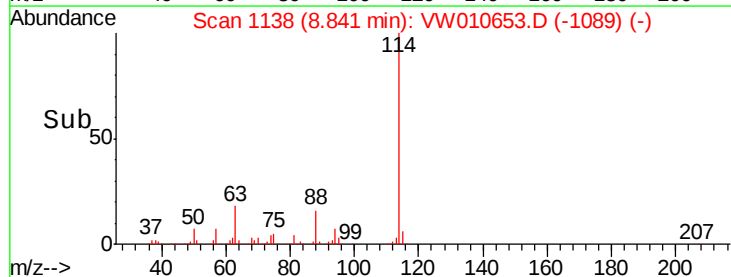
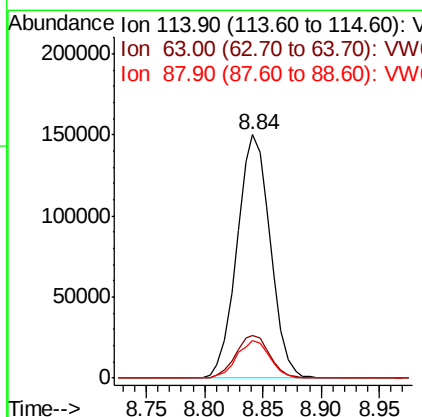
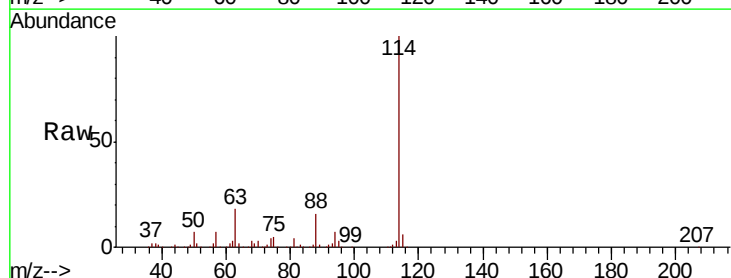
Instrument :
 MSVOA_W
 ClientSampleId :

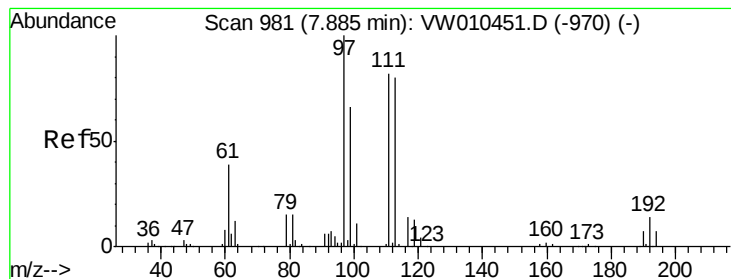
Tot Ion: 65 Resp: 85075
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010653.D
 Acq: 03 Jun 2019 12:12

Tgt Ion: 114 Resp: 299042
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.0
 88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.678 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010653.D

Acq: 03 Jun 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

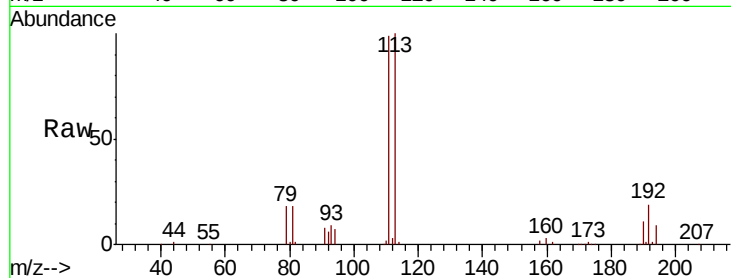
Tot Ion:113 Resp: 88328

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

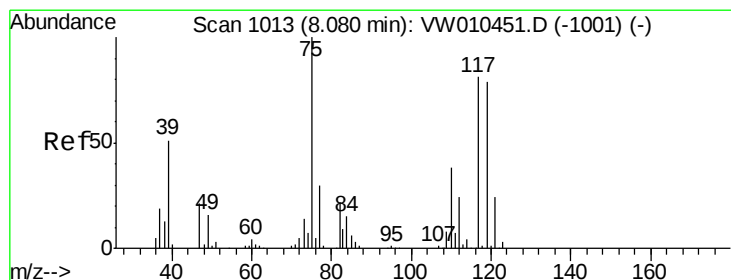
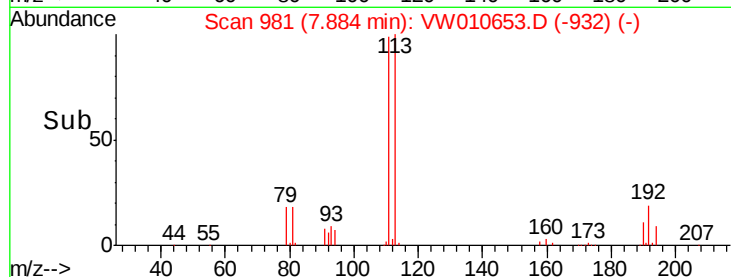
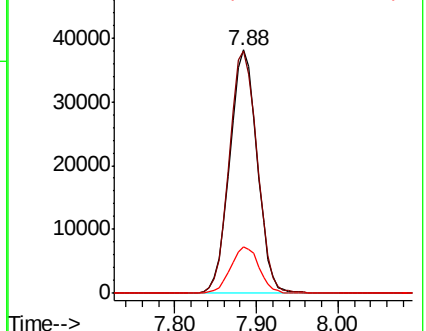
192 19.7 14.3 21.5



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: 4.538 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010653.D

Acq: 03 Jun 2019 12:12

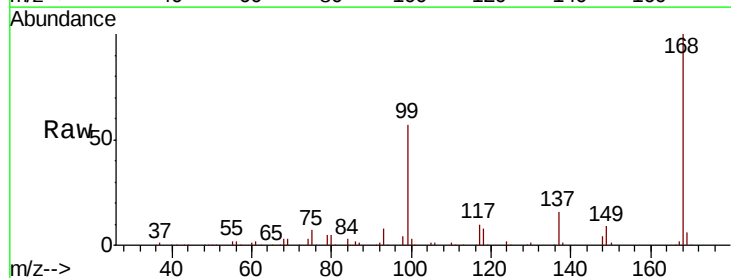
Tgt Ion: 75 Resp: 12641

Ion Ratio Lower Upper

75 100

110 9.9 19.2 57.6#

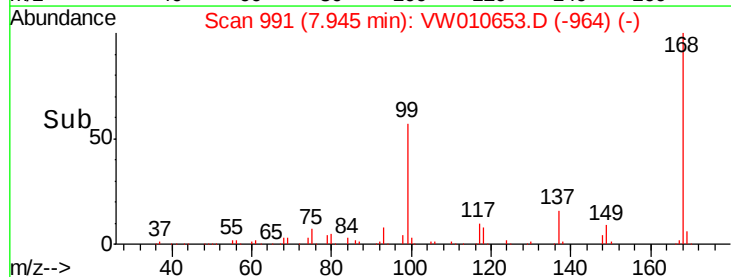
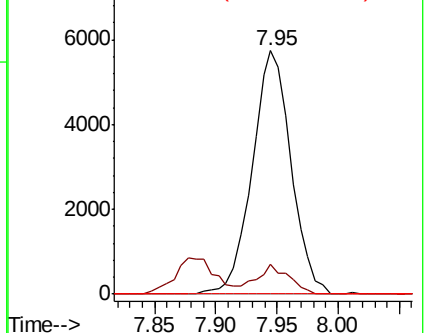
77 0.0 25.2 37.8#

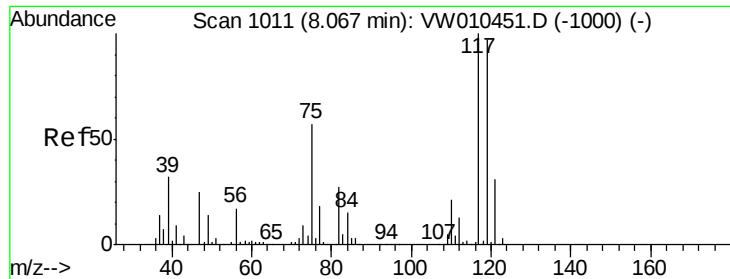


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

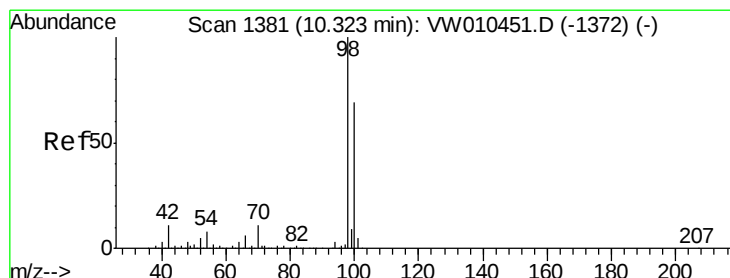
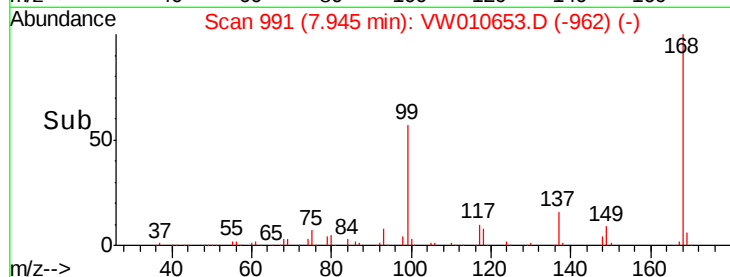
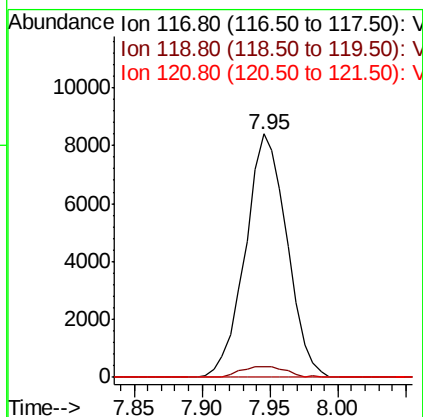
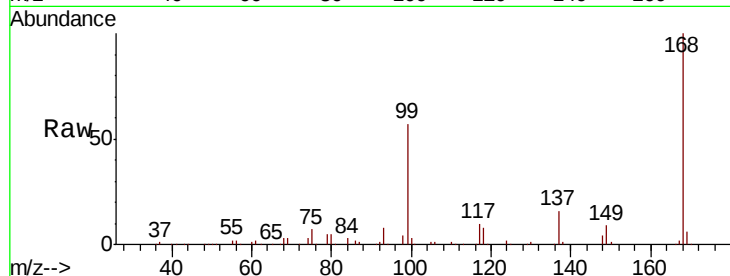




#38
Carbon Tetrachloride
Concen: 5.985 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010653.D
Acq: 03 Jun 2019 12:12

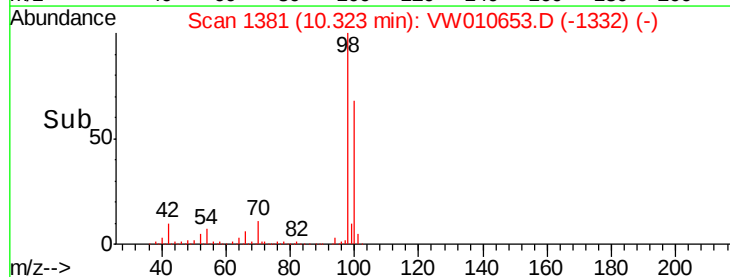
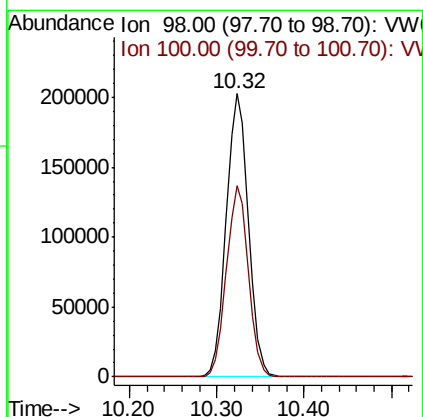
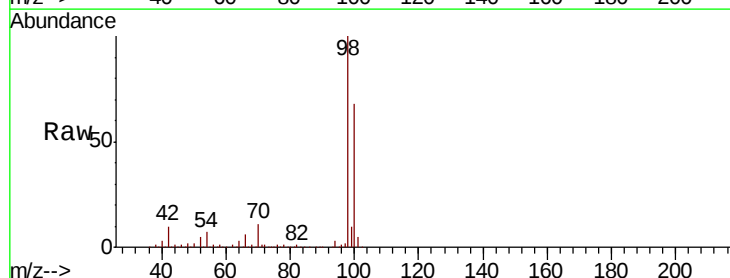
Instrument :
MSVOA_W
ClientSampled :

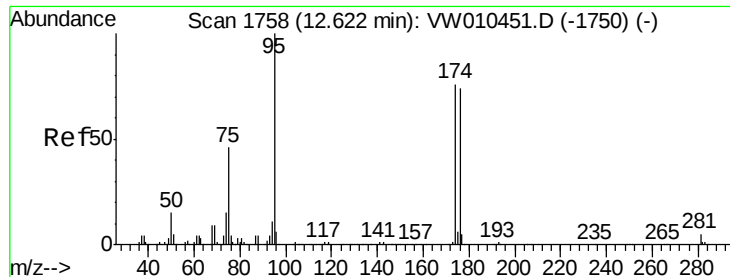
Tot Ion:117 Resp: 17985
Ion Ratio Lower Upper
117 100
119 4.5 77.4 116.0#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.328 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010653.D
Acq: 03 Jun 2019 12:12

Tgt Ion: 98 Resp: 355800
Ion Ratio Lower Upper
98 100
100 67.1 53.7 80.5





#62

4-Bromofluorobenzene

Concen: 46.649 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010653.D

Acq: 03 Jun 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

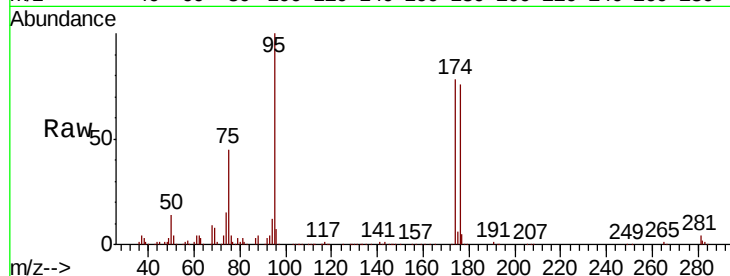
Tot Ion: 95 Resp: 128802

Ion Ratio Lower Upper

95 100

174 77.8 0.0 148.6

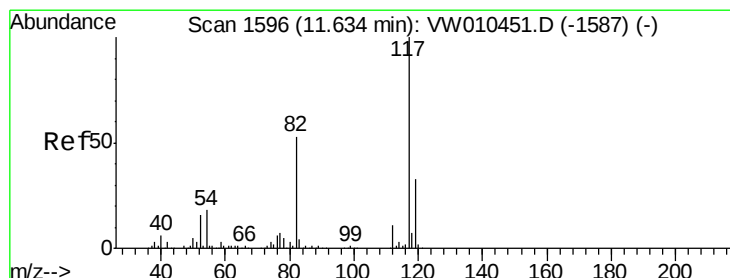
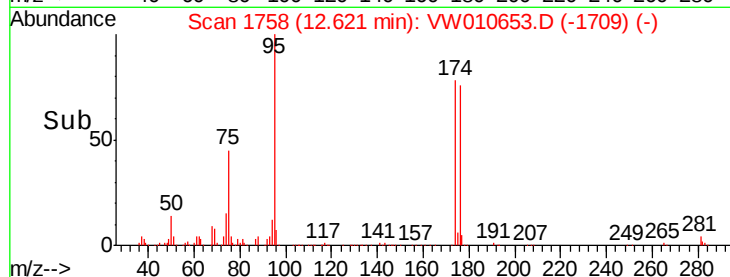
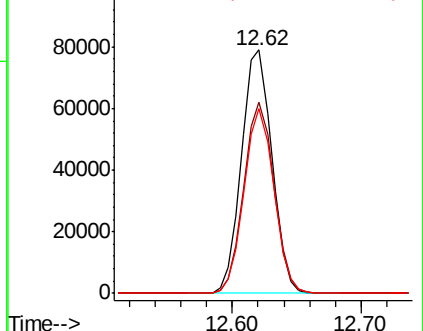
176 74.7 0.0 144.2



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: VW010653.D

Acq: 03 Jun 2019 12:12

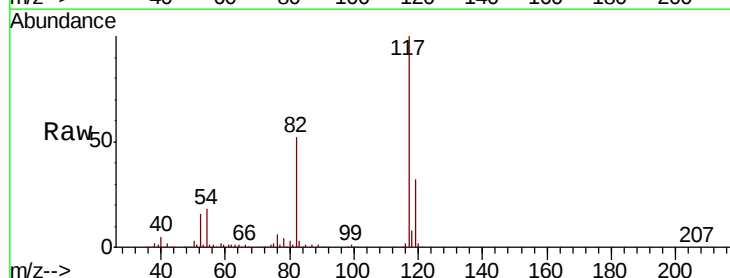
Tgt Ion: 117 Resp: 259254

Ion Ratio Lower Upper

117 100

82 51.6 42.8 64.2

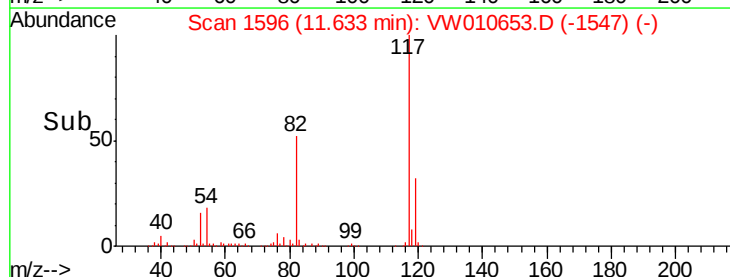
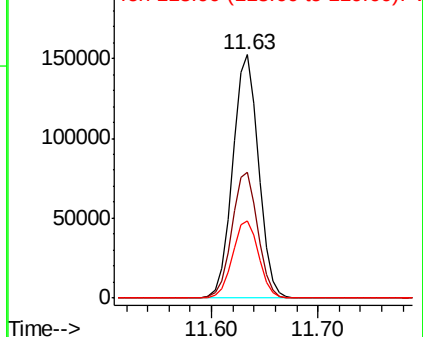
119 31.8 26.3 39.5

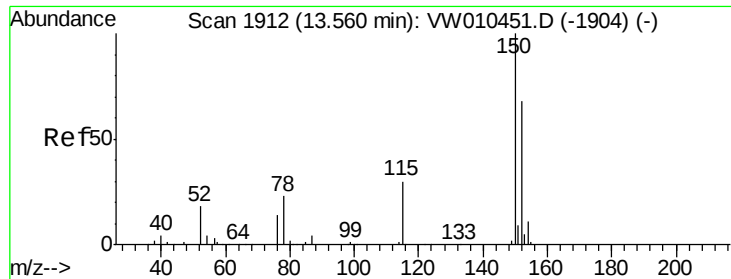


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



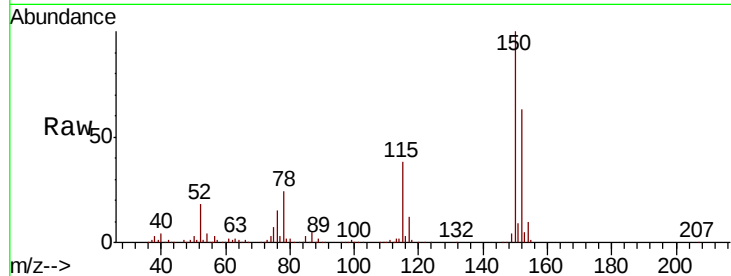


#72

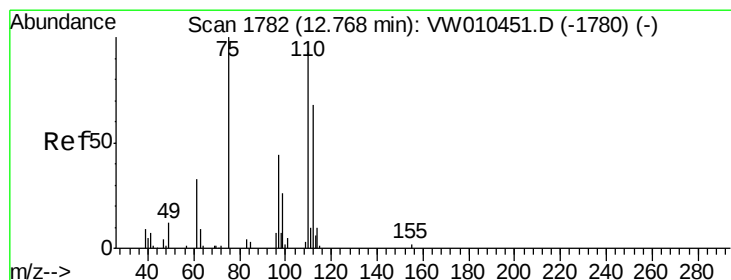
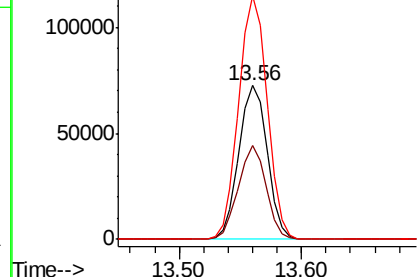
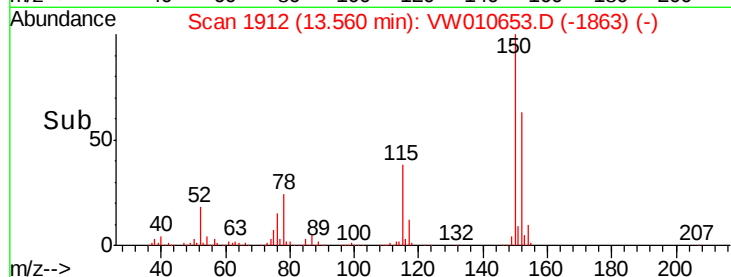
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010653.D
Acq: 03 Jun 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 116763
Ion Ratio Lower Upper
152 100
115 59.6 30.3 91.0
150 158.3 0.0 349.8



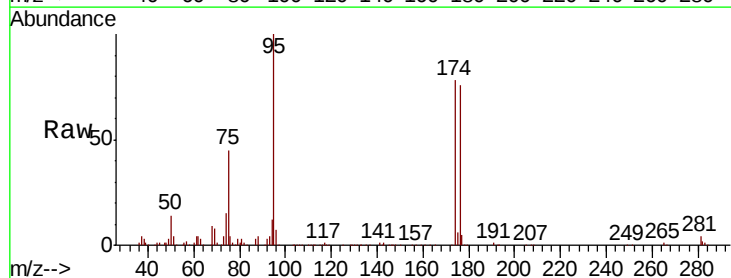
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



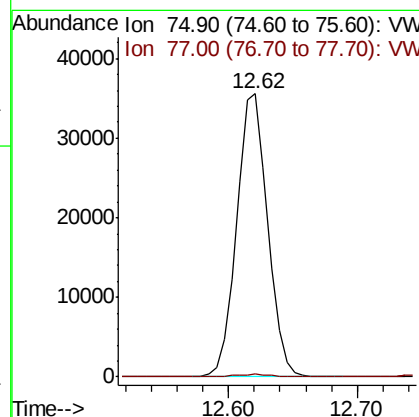
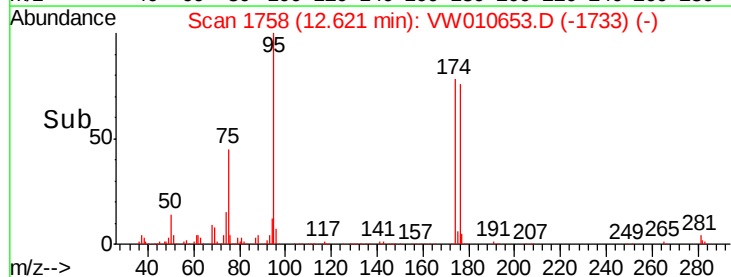
#76

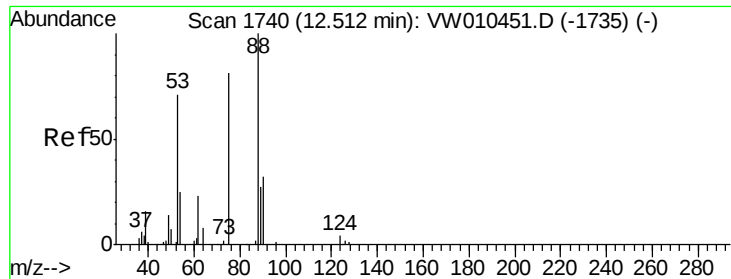
1,2,3-Trichloropropane
Concen: 49.949 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010653.D
Acq: 03 Jun 2019 12:12

Tgt Ion: 75 Resp: 59200
Ion Ratio Lower Upper
75 100
77 1.1 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 104.244 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010653.D

Acq: 03 Jun 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

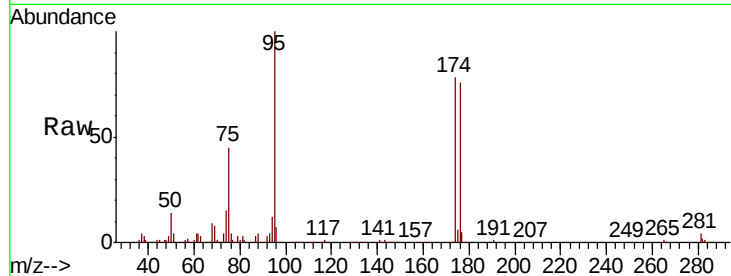
Tot Ion: 75 Resp: 59200

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.1 39.5 59.3#



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

