

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011069.D
 Acq On : 28 Jun 2019 18:41
 Operator : SY/VA
 Sample : K3555-21
 Misc : 6.98G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-14

Quant Time: Jun 29 01:52:07 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

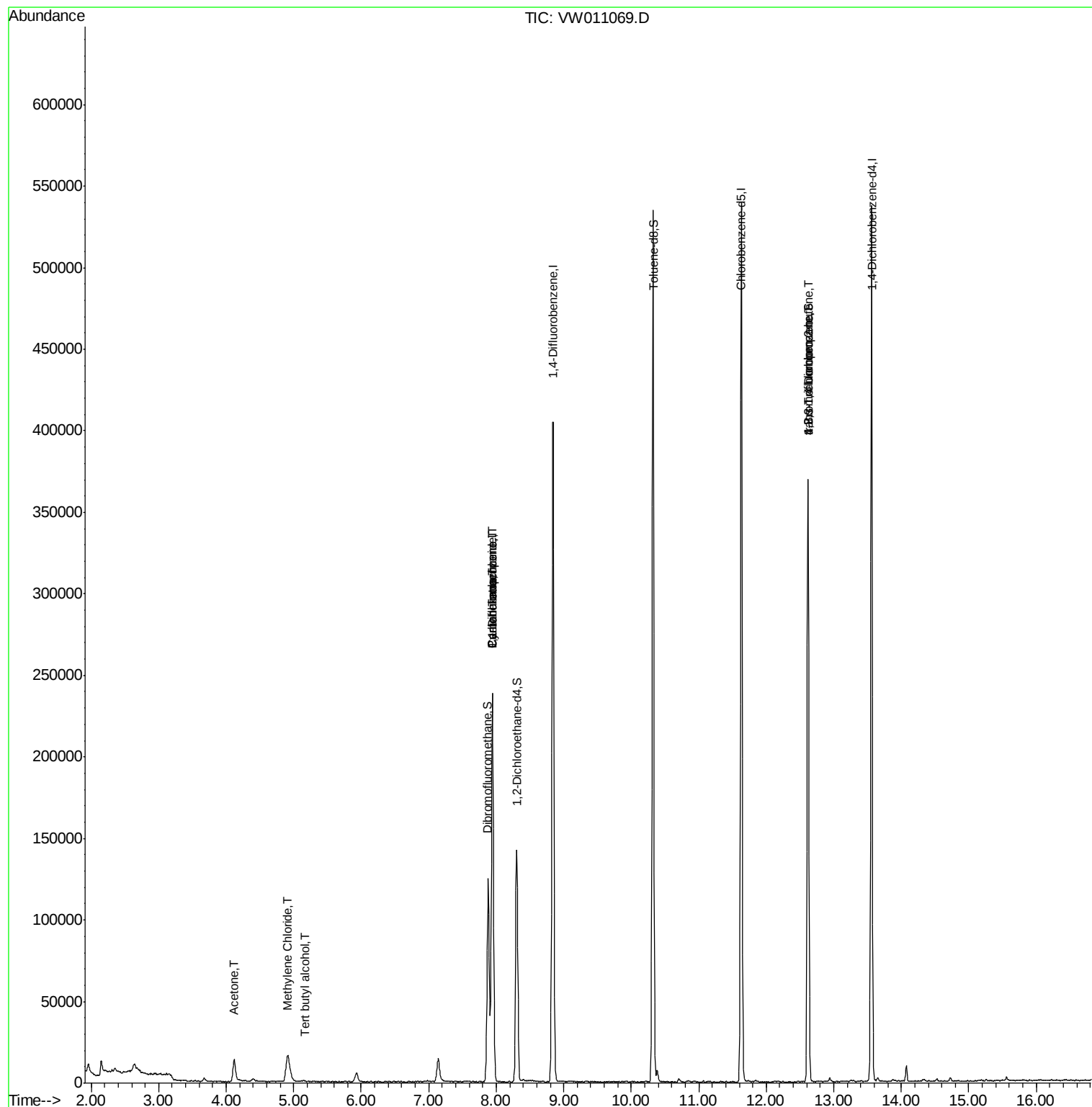
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	172040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	319920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113949	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
35) Dibromofluoromethane	7.88	113	87535	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
50) Toluene-d8	10.32	98	334227	41.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.12%	
62) 4-Bromofluorobenzene	12.62	95	120348	40.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.84%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	805	4.928	ug/l #	84
16) Acetone	4.12	43	25150	45.813	ug/l	92
20) Methylene Chloride	4.92	84	13976	6.266	ug/l	97
31) Cyclohexane	7.94	56	4696	1.092	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	15367	4.469	ug/l #	51
38) Carbon Tetrachloride	7.95	117	17861	6.307	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	66261	49.419	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66261	100.625	ug/l #	3

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

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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: VW011069.D

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Instrument :

MSVOA_W

ClientSampleId :

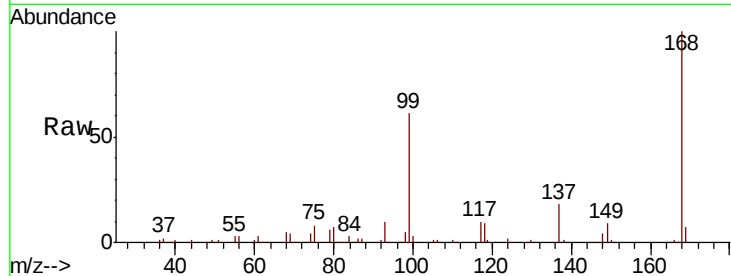
SAMPLE-14

Tot Ion:168 Resp: 172040

Ion Ratio Lower Upper

168 100

99 61.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

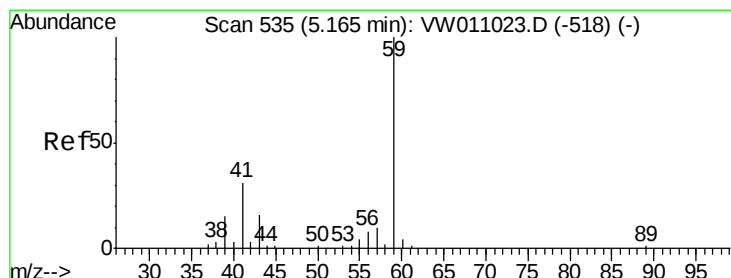
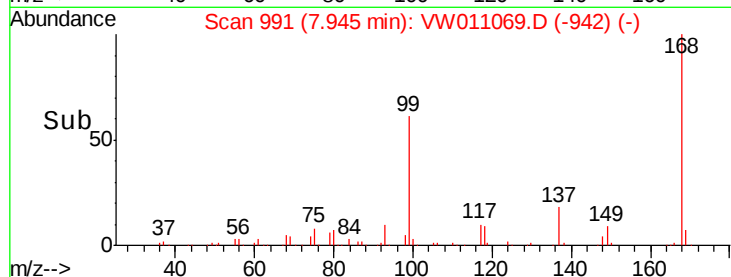
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 4.928 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.00 min

Lab File: VW011069.D

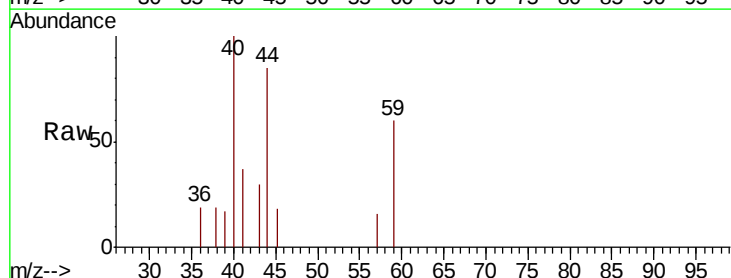
Acq: 28 Jun 2019 18:41

Tgt Ion: 59 Resp: 805

Ion Ratio Lower Upper

59 100

57 5.2 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

250

200

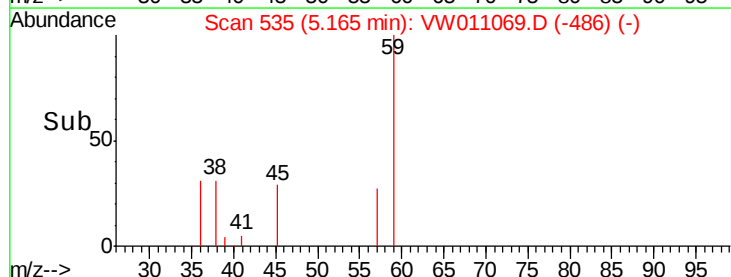
150

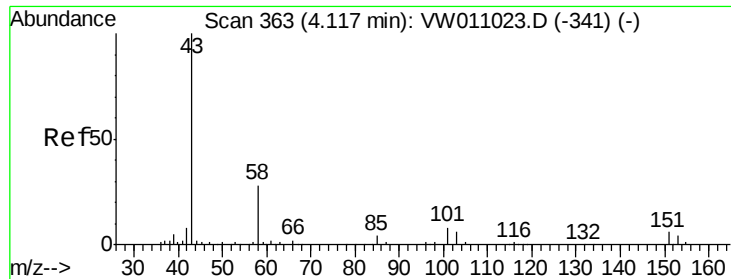
100

50

0

Time--> 5.10 5.15 5.20 5.25

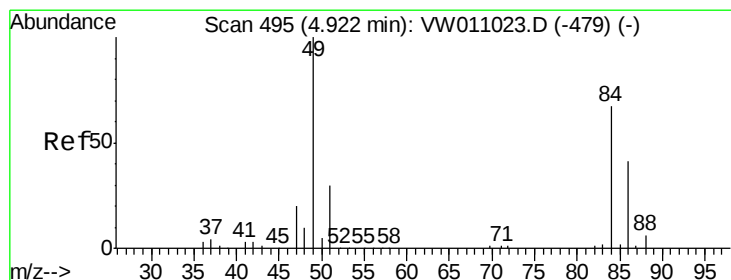
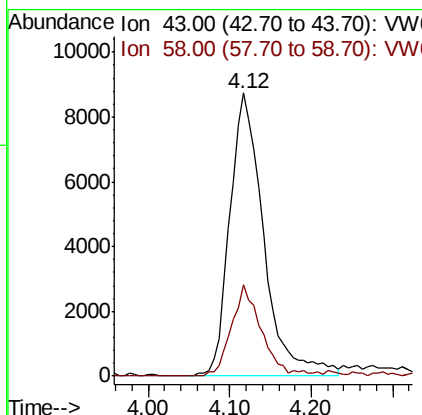
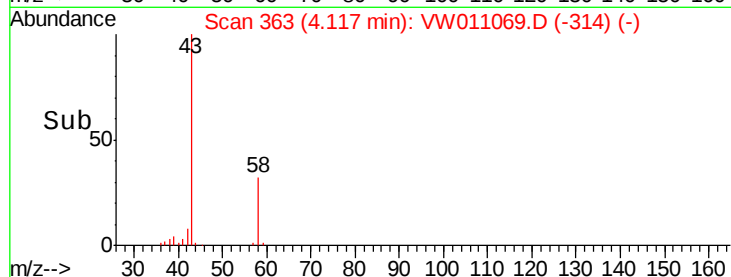
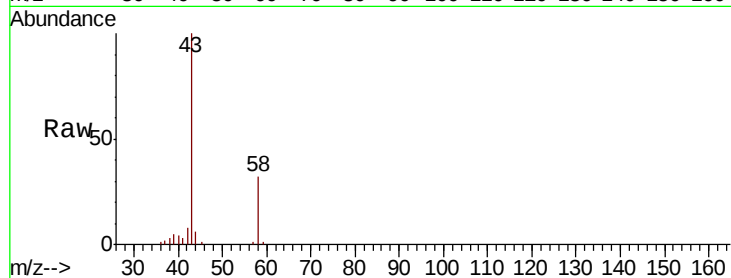




#16
Acetone
Concen: 45.813 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW011069.D
Acq: 28 Jun 2019 18:41

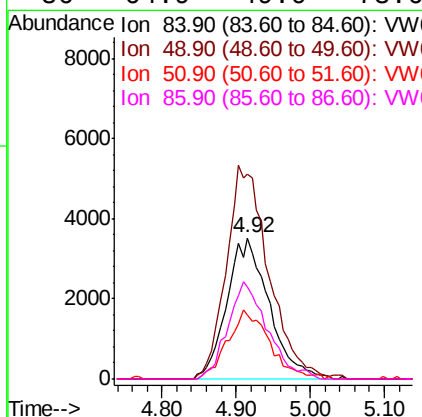
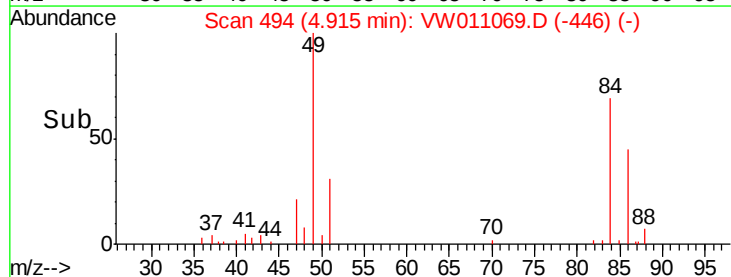
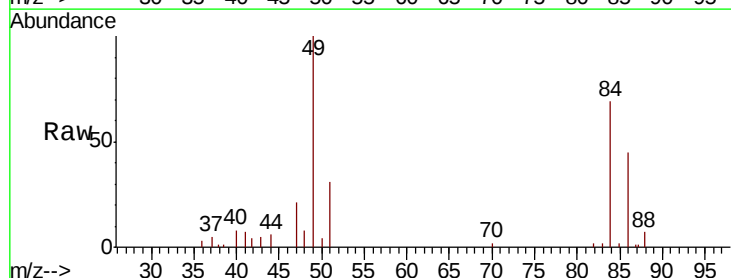
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-14

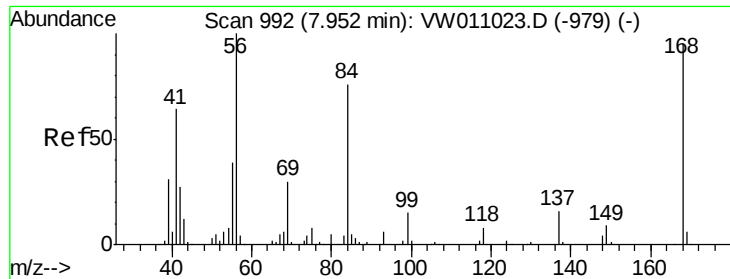
Tot Ion: 43 Resp: 25150
Ion Ratio Lower Upper
43 100
58 32.3 22.5 33.7



#20
Methylene Chloride
Concen: 6.266 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011069.D
Acq: 28 Jun 2019 18:41

Tgt Ion: 84 Resp: 13976
Ion Ratio Lower Upper
84 100
49 145.2 119.6 179.4
51 45.6 35.6 53.4
86 64.9 49.0 73.6

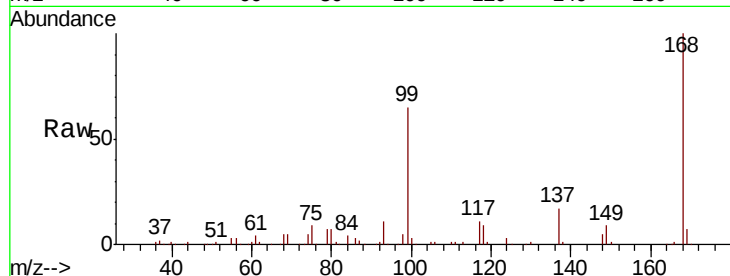




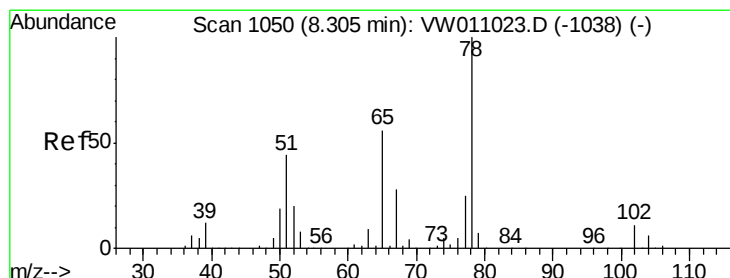
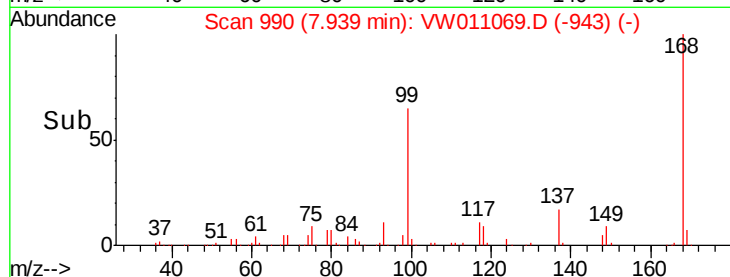
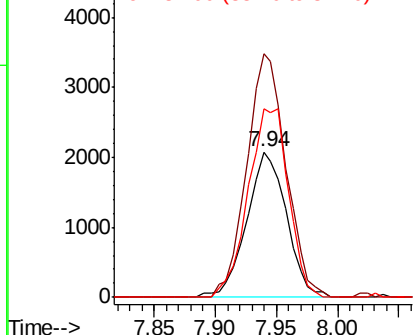
#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011069.D
Acq: 28 Jun 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-14

Tot Ion: 56 Resp: 4696
Ion Ratio Lower Upper
56 100
69 167.2 24.2 36.2#
84 129.9 60.6 90.8#

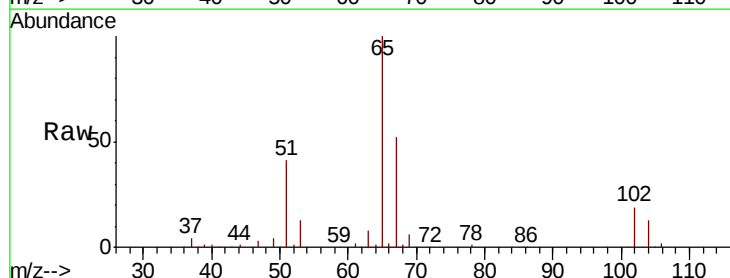


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

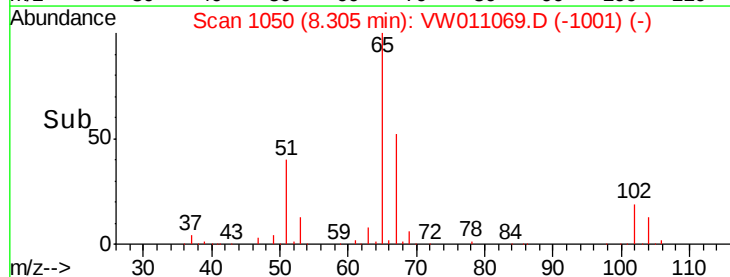
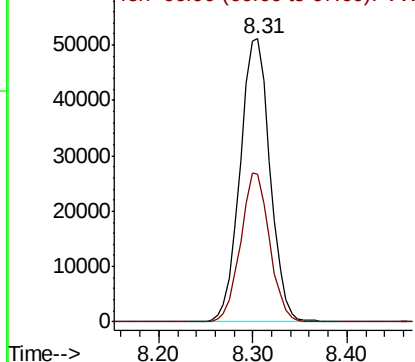


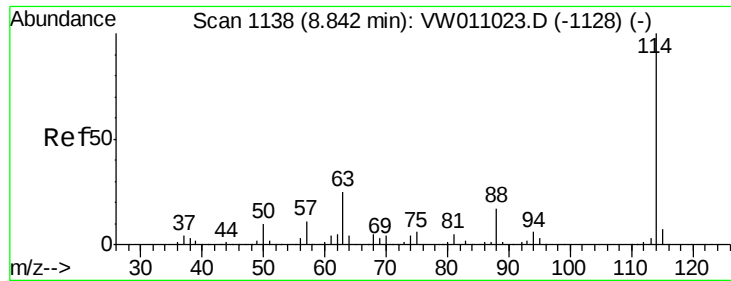
#33
1,2-Dichloroethane-d4
Concen: 50.666 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011069.D
Acq: 28 Jun 2019 18:41

Tgt Ion: 65 Resp: 113949
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4



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

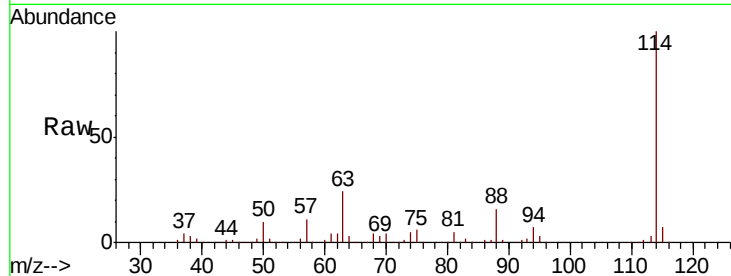




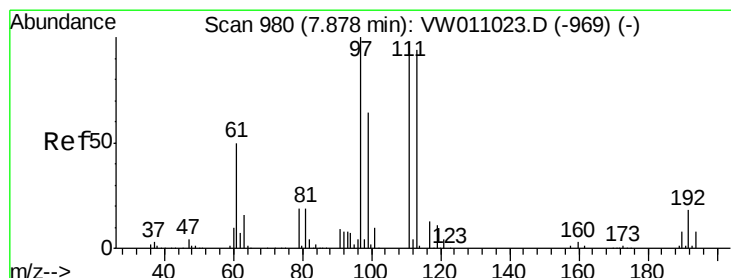
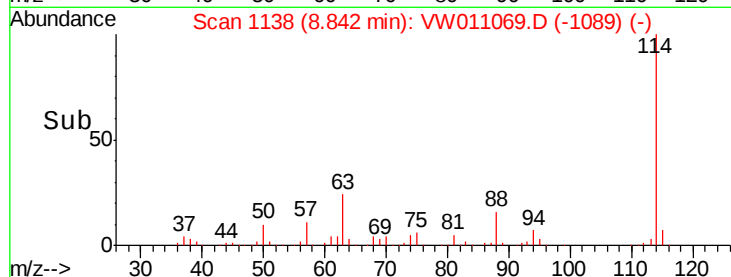
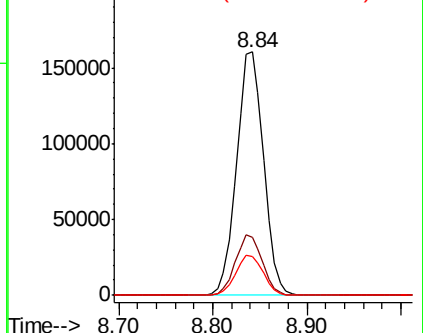
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011069.D
 Acq: 28 Jun 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-14

Tot Ion:114 Resp: 319920
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.6
 88 16.1 0.0 34.0

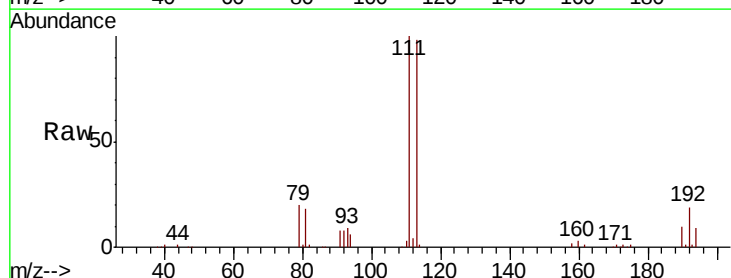


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

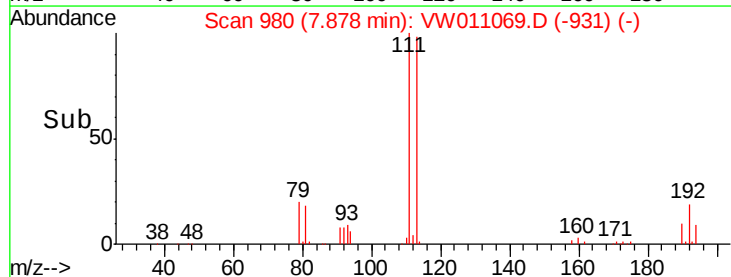
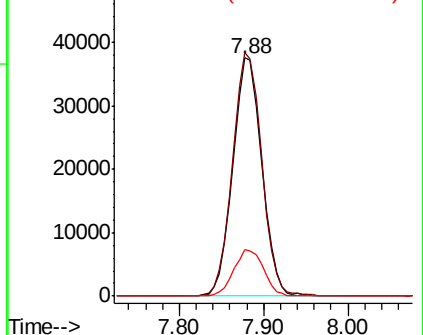


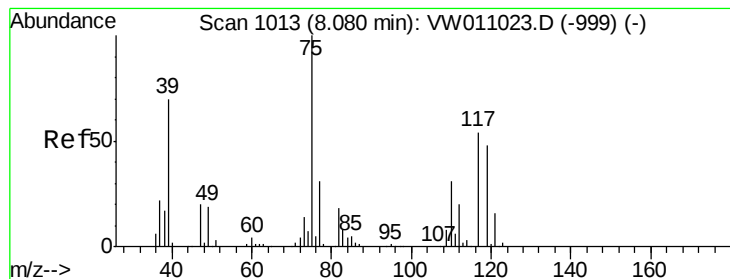
#35
 Dibromofluoromethane
 Concen: 44.808 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011069.D
 Acq: 28 Jun 2019 18:41

Tgt Ion:113 Resp: 87535
 Ion Ratio Lower Upper
 113 100
 111 102.4 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: 4.469 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW011069.D

Acq: 28 Jun 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-14

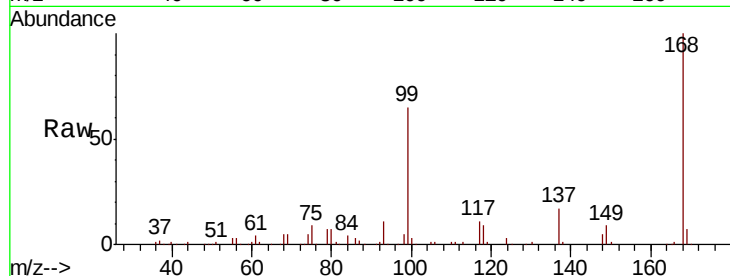
Tot Ion: 75 Resp: 15367

Ion Ratio Lower Upper

75 100

110 8.7 15.5 46.5#

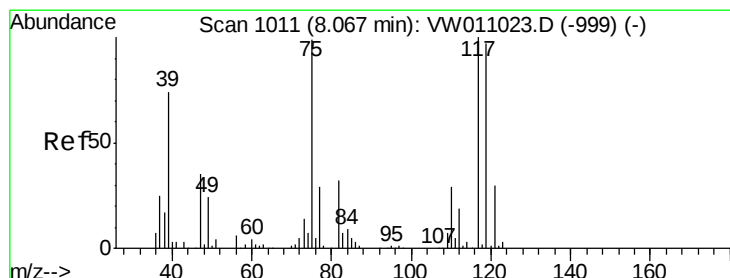
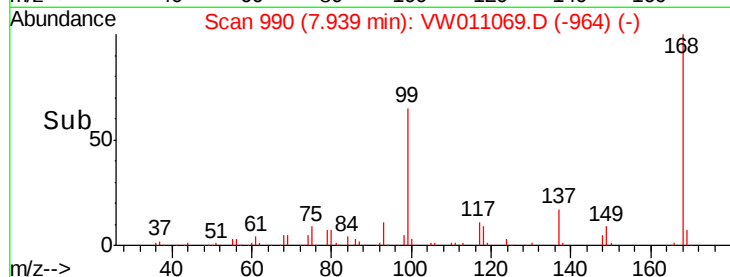
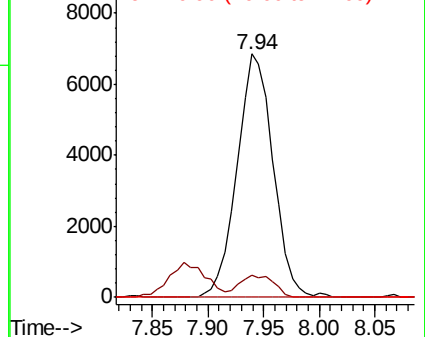
77 0.0 24.9 37.3#



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: 6.307 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011069.D

Acq: 28 Jun 2019 18:41

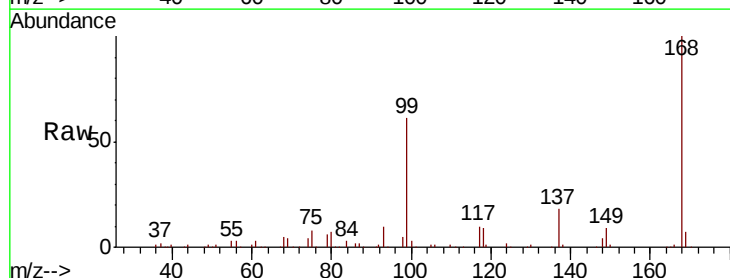
Tgt Ion: 117 Resp: 17861

Ion Ratio Lower Upper

117 100

119 5.9 77.7 116.5#

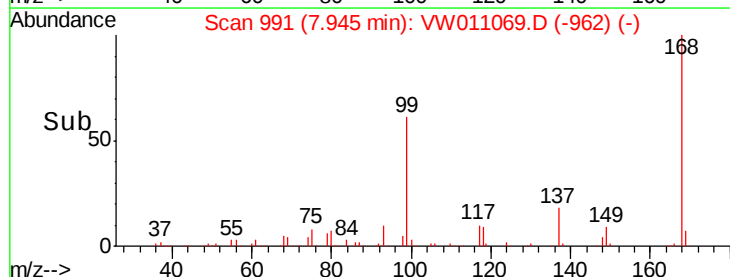
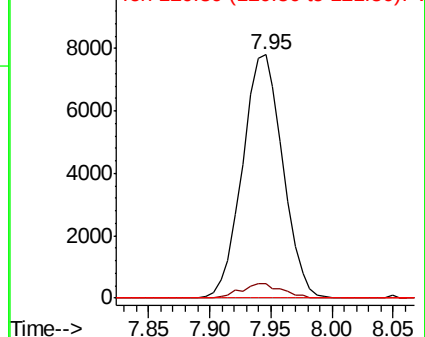
121 0.0 23.9 35.9#

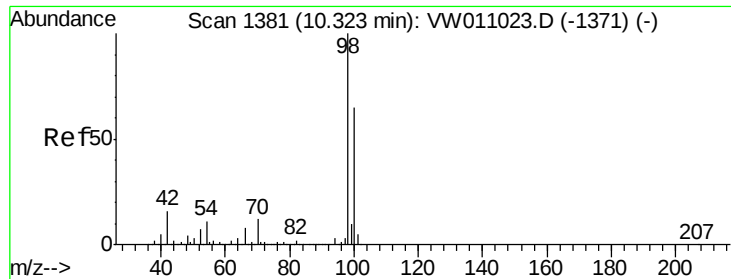


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 41.563 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011069.D

Acq: 28 Jun 2019 18:41

Instrument :

MSVOA_W

ClientSampled :

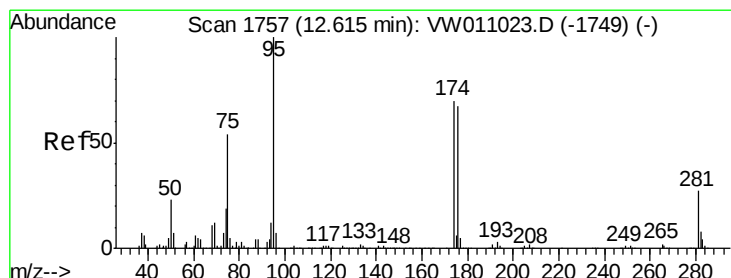
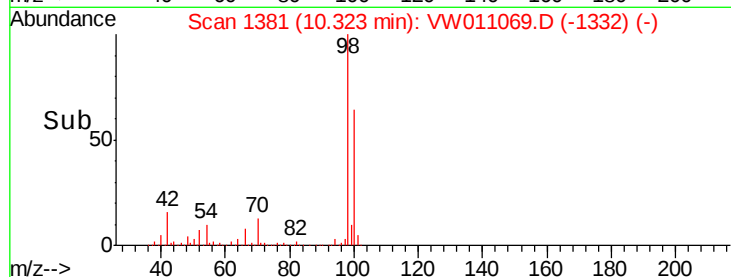
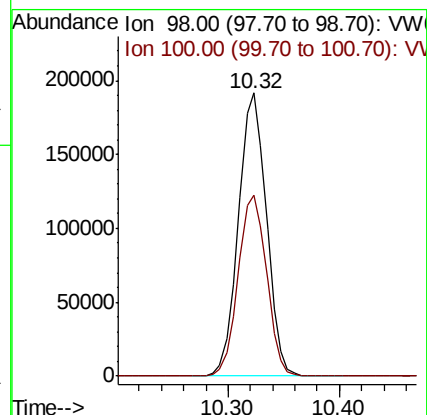
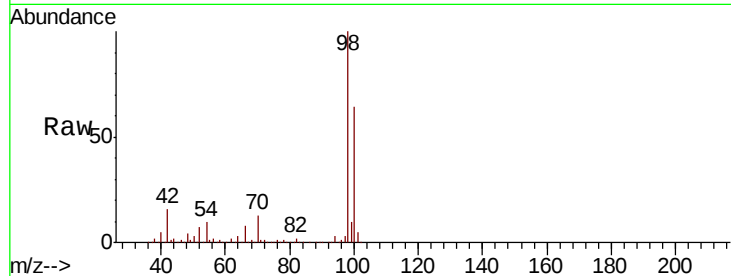
SAMPLE-14

Tot Ion: 98 Resp: 334227

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 40.919 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011069.D

Acq: 28 Jun 2019 18:41

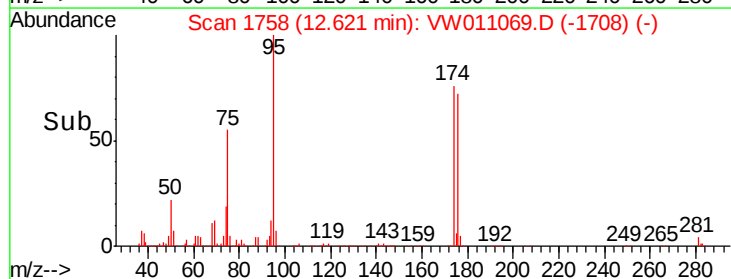
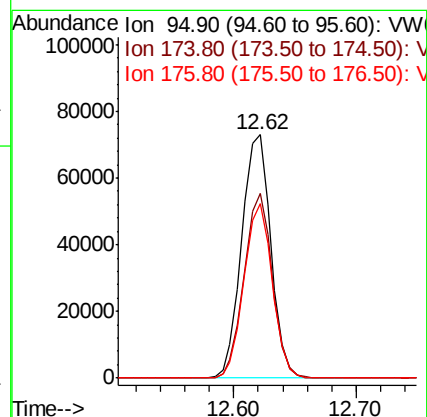
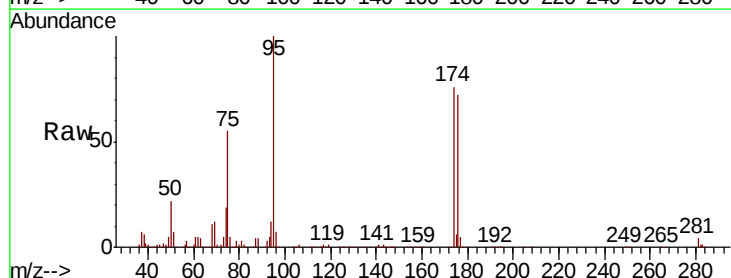
Tgt Ion: 95 Resp: 120348

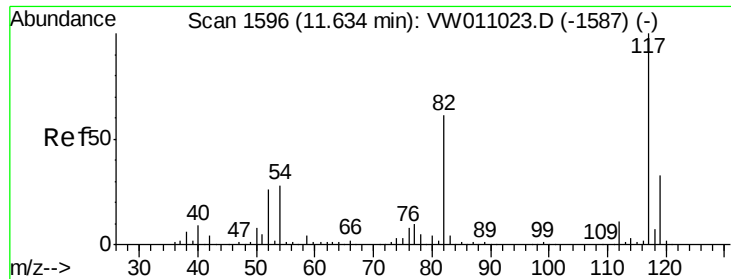
Ion Ratio Lower Upper

95 100

174 73.6 0.0 149.2

176 69.8 0.0 143.6

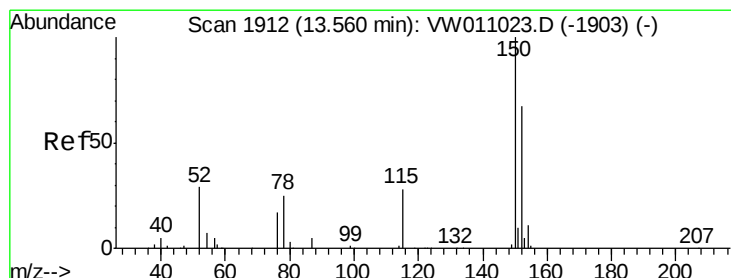
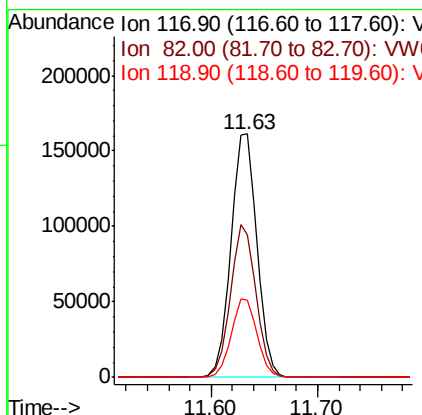
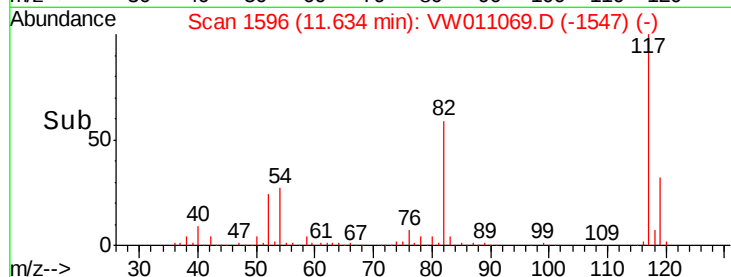
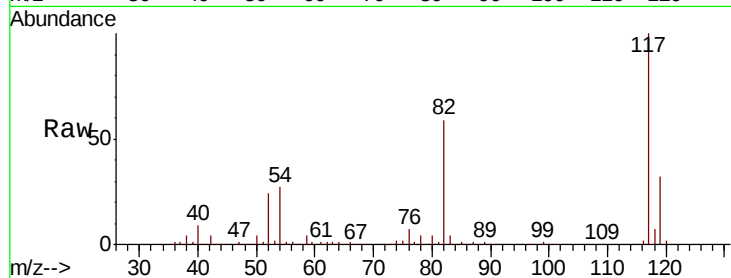




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011069.D
Acq: 28 Jun 2019 18:41

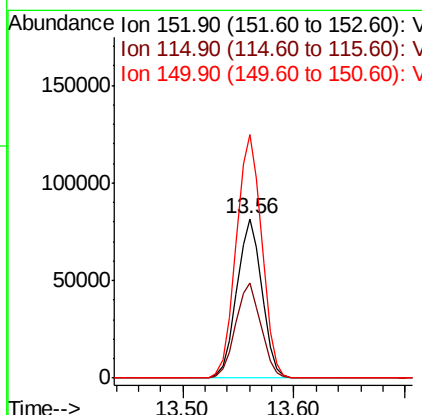
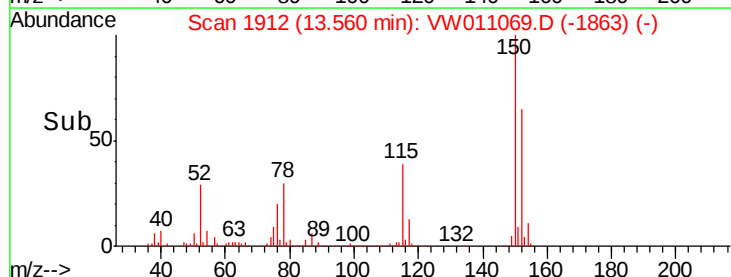
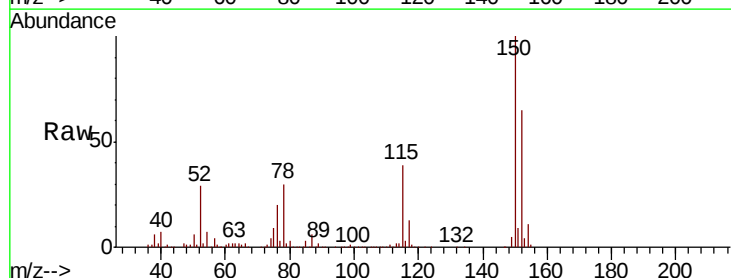
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-14

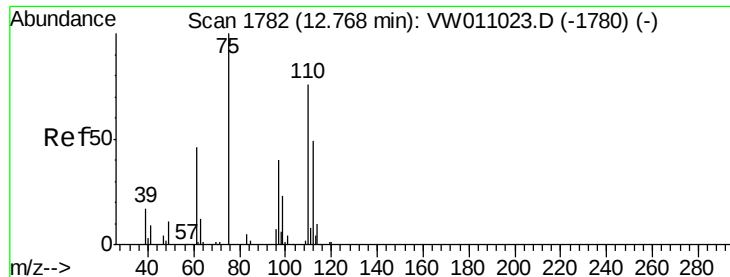
Tot Ion:117 Resp: 276480
Ion Ratio Lower Upper
117 100
82 58.6 48.6 73.0
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011069.D
Acq: 28 Jun 2019 18:41

Tgt Ion:152 Resp: 127002
Ion Ratio Lower Upper
152 100
115 60.5 30.7 92.1
150 156.0 0.0 341.8





#76

1,2,3-Trichloropropane

Concen: 49.419 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011069.D

Acq: 28 Jun 2019 18:41

Instrument :

MSVOA_W

ClientSampled :

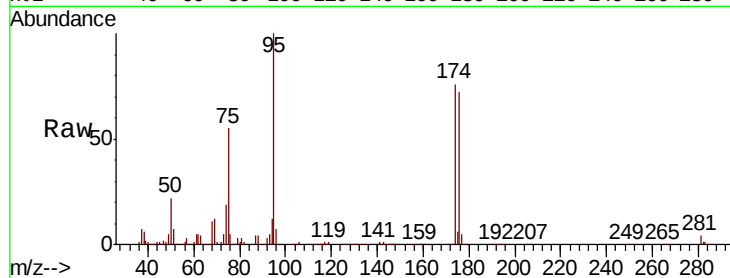
SAMPLE-14

Tot Ion: 75 Resp: 66261

Ion Ratio Lower Upper

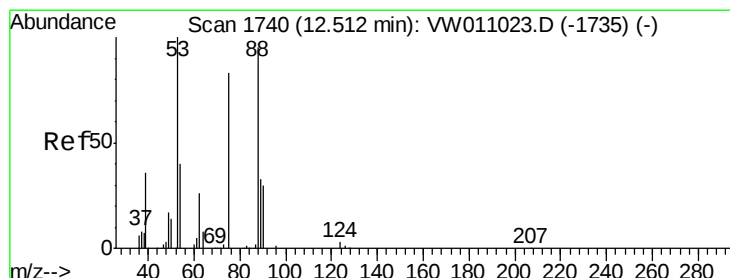
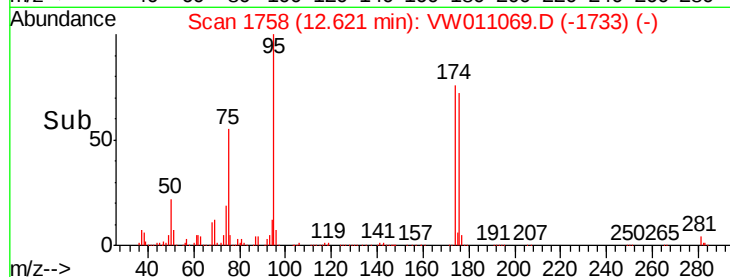
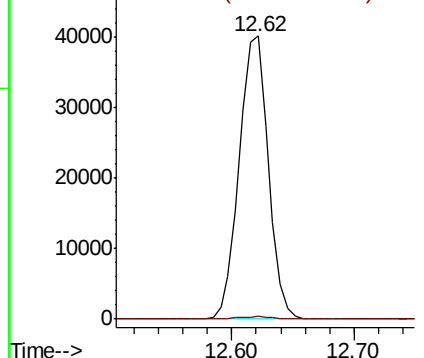
75 100

77 1.0 0.0 0.0#



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: 100.625 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011069.D

Acq: 28 Jun 2019 18:41

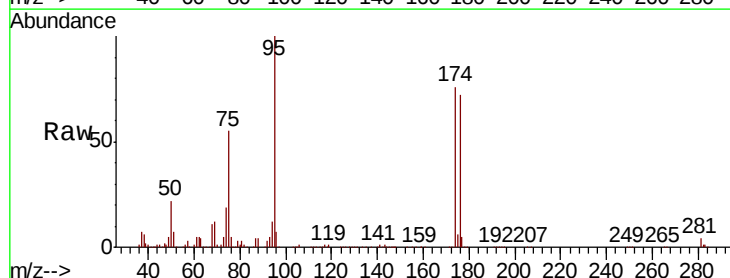
Tgt Ion: 75 Resp: 66261

Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.0 34.4 51.6#



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

