

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011062.D
 Acq On : 28 Jun 2019 15:36
 Operator : SY/VA
 Sample : K3532-07RE
 Misc : 7.26G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TRIANGLE-AREA-SOIL-B

Quant Time: Jun 29 01:50:42 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	182822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	316105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84893	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	127414	53.31	ug/l	0.00
Spiked Amount						
			Recovery	=	106.62%	
35) Dibromofluoromethane	7.88	113	97654	50.59	ug/l	0.00
Spiked Amount						
			Recovery	=	101.18%	
50) Toluene-d8	10.32	98	390174	49.11	ug/l	0.00
Spiked Amount						
			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.62	95	111229	38.27	ug/l	0.00
Spiked Amount						
			Recovery	=	76.54%	

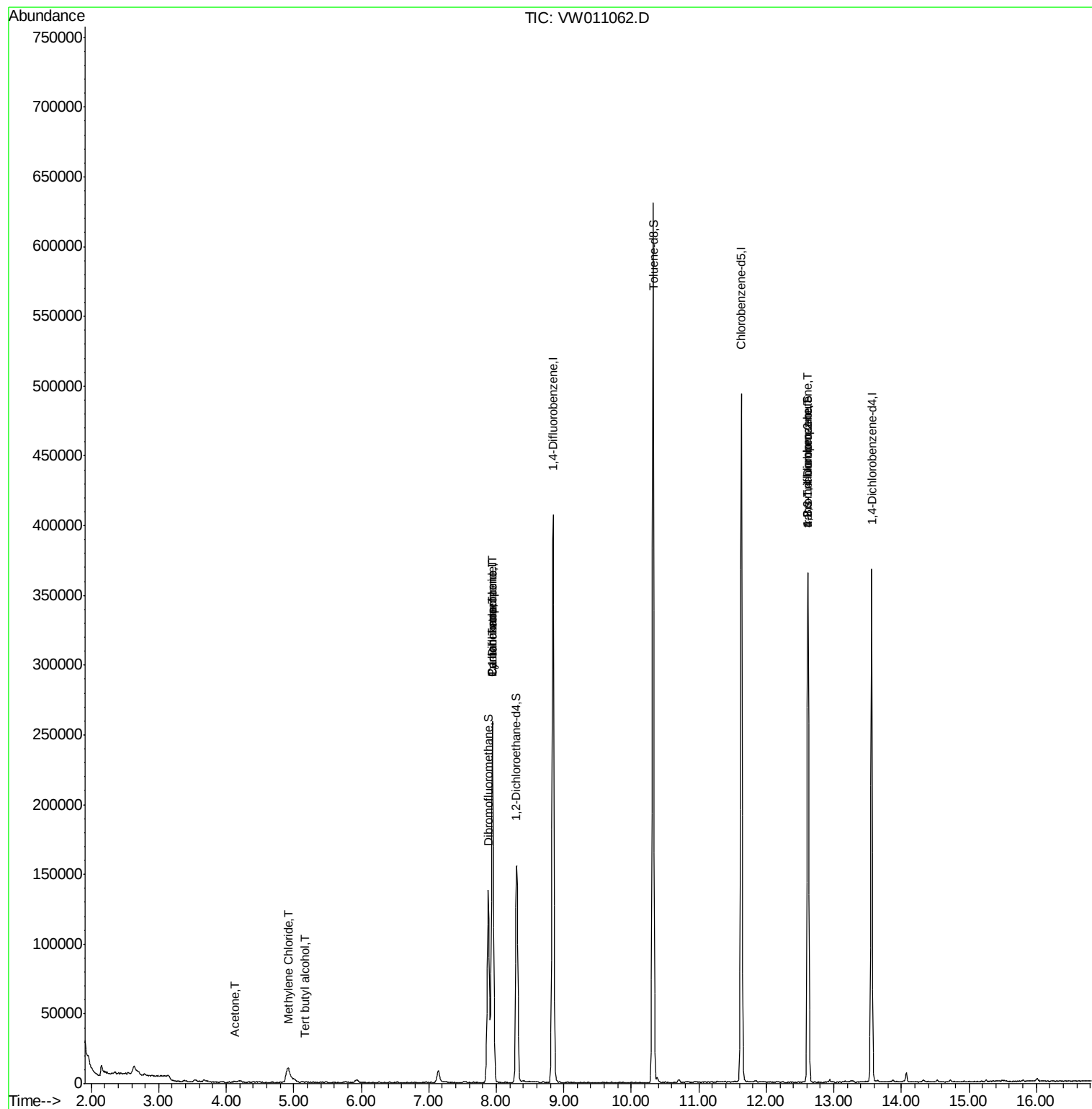
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	239	1.377	ug/l #	71
16) Acetone	4.12	43	1650	2.828	ug/l #	75
20) Methylene Chloride	4.92	84	9354	3.946	ug/l	83
31) Cyclohexane	7.95	56	4961	1.085	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	16785	4.940	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19213	6.867	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	61019	68.083	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61019	137.078	ug/l #	3

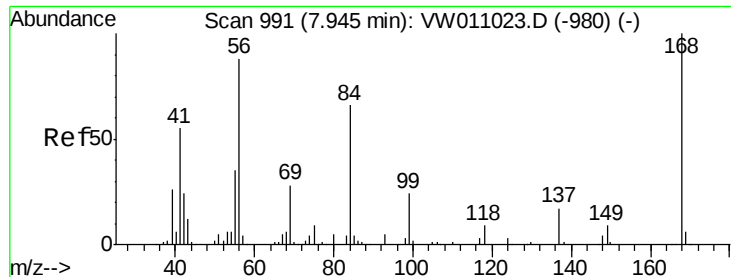
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011062.D

Acq: 28 Jun 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

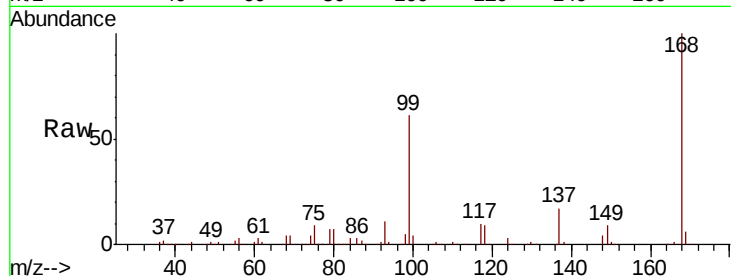
TRIANGLE-AREA-SOIL-B

Tot Ion:168 Resp: 182822

Ion Ratio Lower Upper

168 100

99 61.1 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

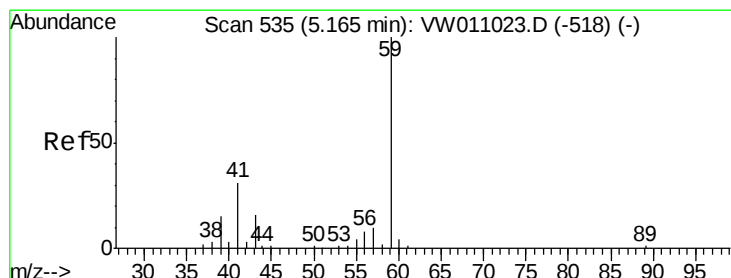
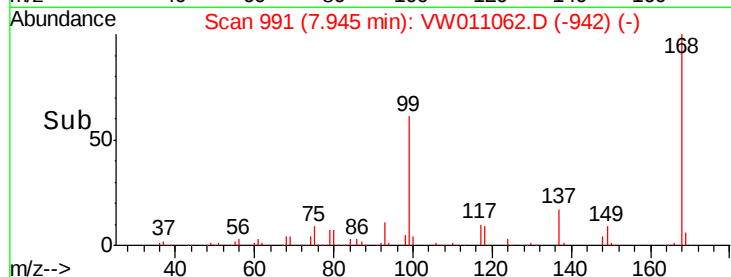
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.377 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW011062.D

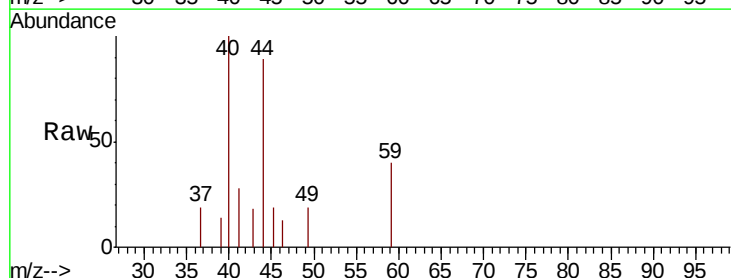
Acq: 28 Jun 2019 15:36

Tgt Ion: 59 Resp: 239

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

150

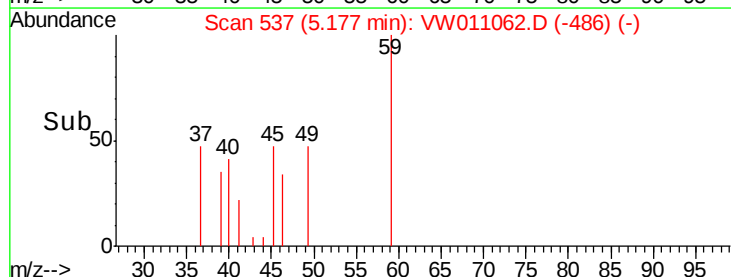
100

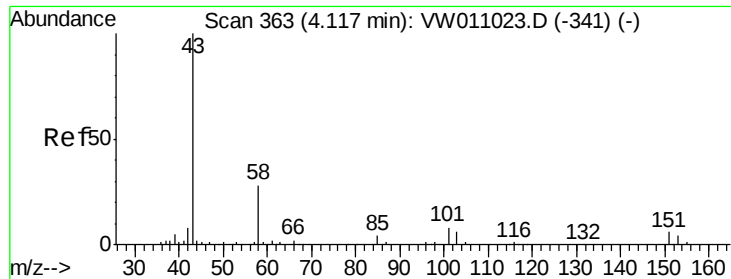
50

0

5.15 5.20 5.25

Time-->





#16

Acetone

Concen: 2.828 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011062.D

Acq: 28 Jun 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

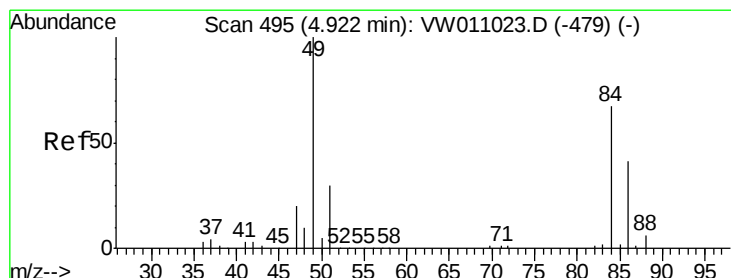
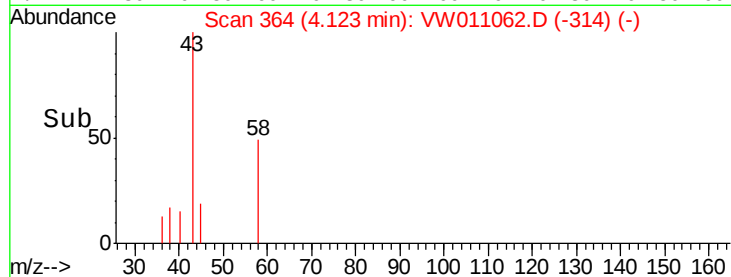
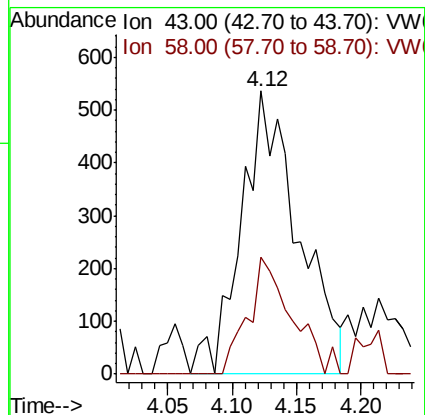
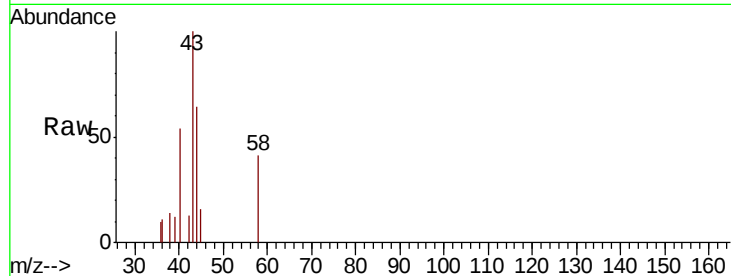
TRIANGLE-AREA-SOIL-B

Tot Ion: 43 Resp: 1650

Ion Ratio Lower Upper

43 100

58 41.2 22.5 33.7#



#20

Methylene Chloride

Concen: 3.946 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW011062.D

Acq: 28 Jun 2019 15:36

Tgt Ion: 84 Resp: 9354

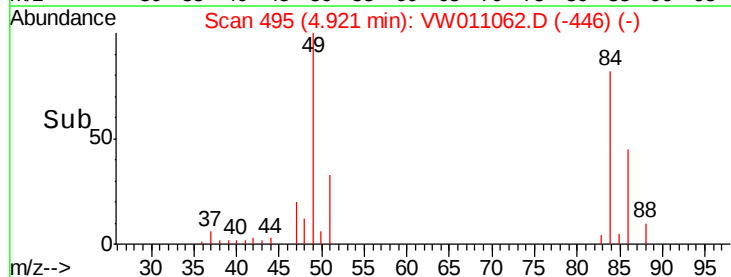
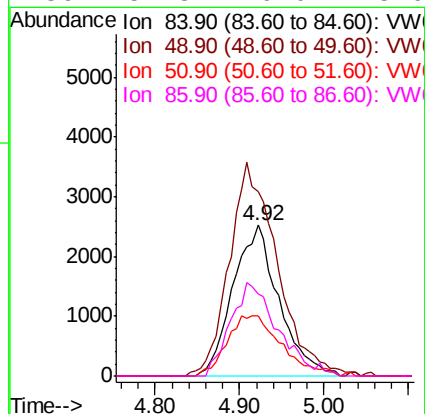
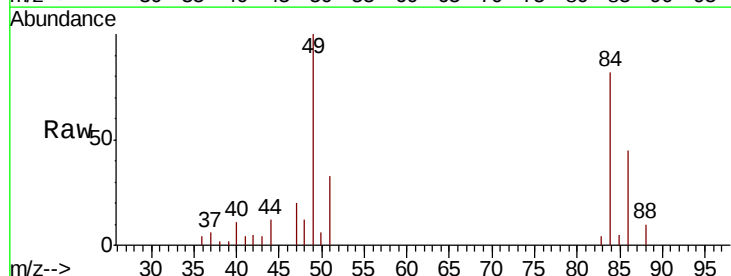
Ion Ratio Lower Upper

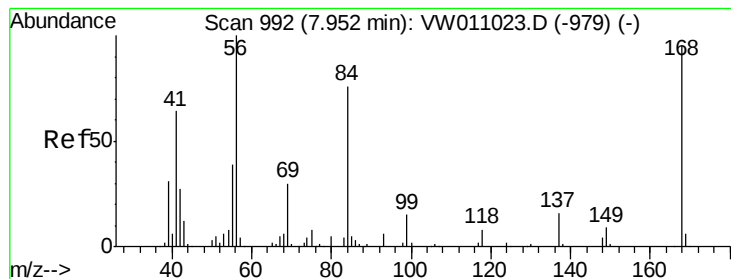
84 100

49 119.6 119.6 179.4

51 40.1 35.6 53.4

86 54.8 49.0 73.6





#31

Cyclohexane

Concen: 1.085 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011062.D

Acq: 28 Jun 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

TRIANGLE-AREA-SOIL-B

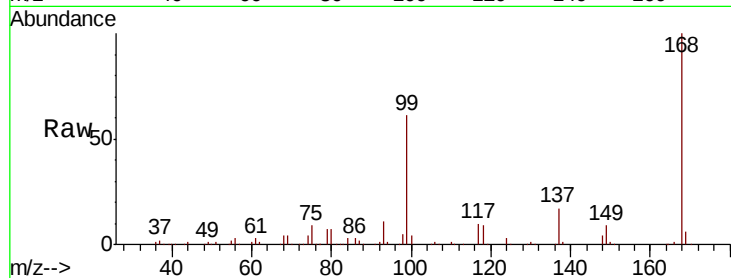
Tot Ion: 56 Resp: 4961

Ion Ratio Lower Upper

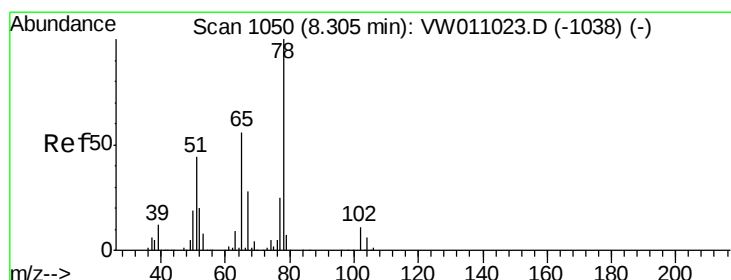
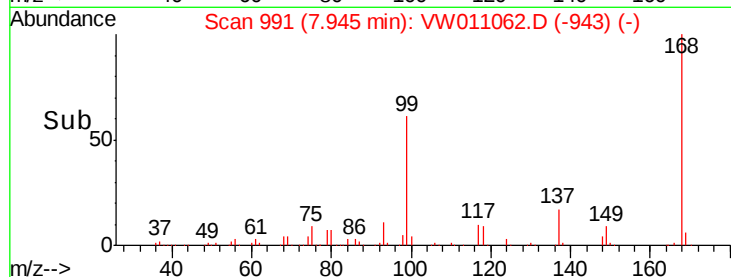
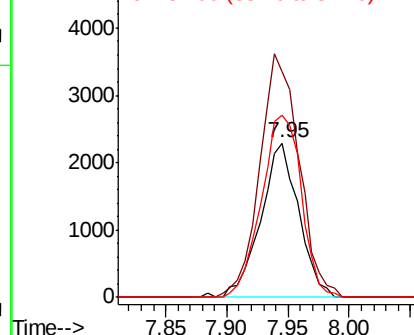
56 100

69 146.6 24.2 36.2#

84 117.8 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: 53.312 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011062.D

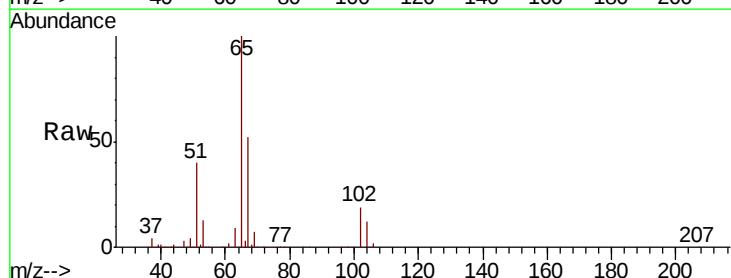
Acq: 28 Jun 2019 15:36

Tgt Ion: 65 Resp: 127414

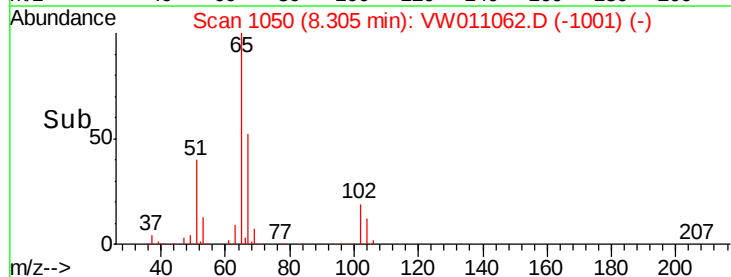
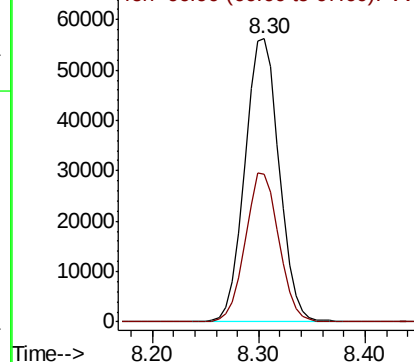
Ion Ratio Lower Upper

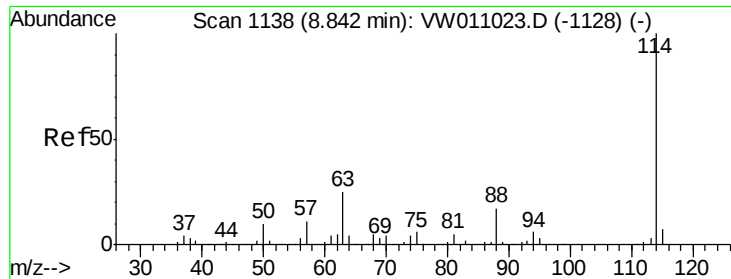
65 100

67 51.4 0.0 102.4



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

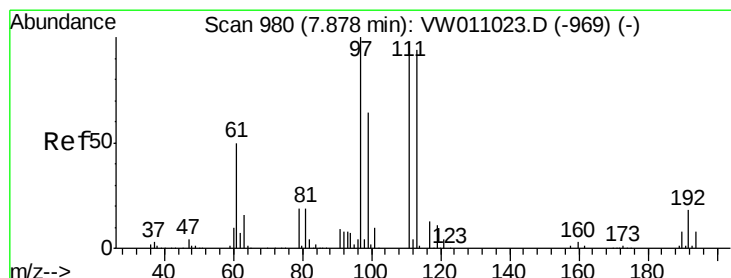
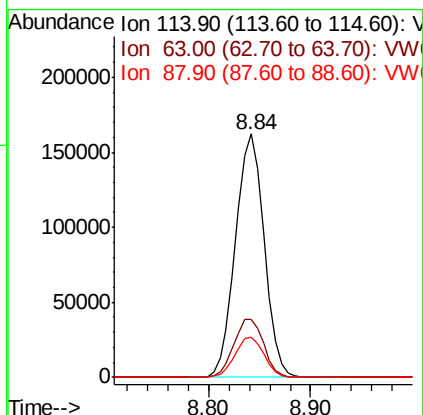
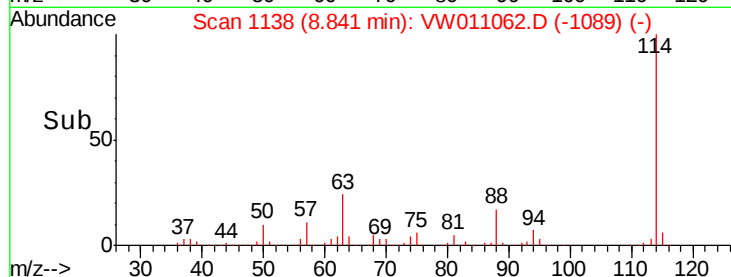
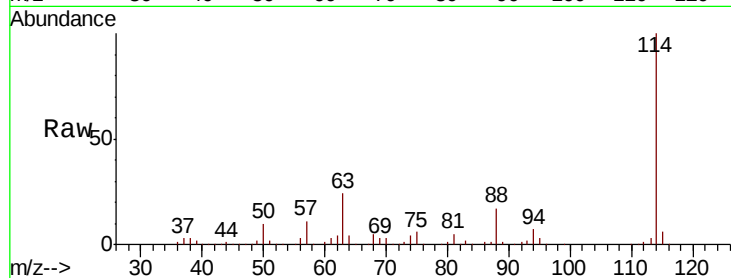




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011062.D
Acq: 28 Jun 2019 15:36

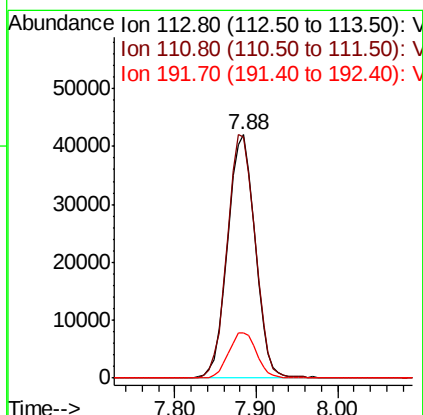
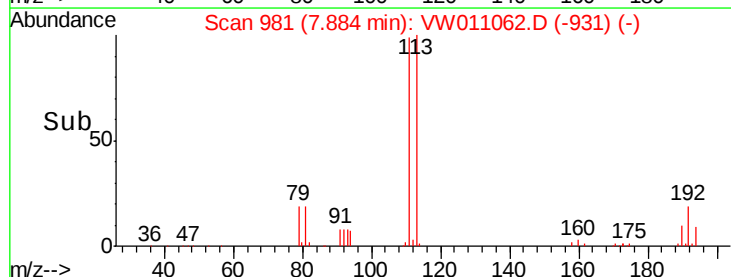
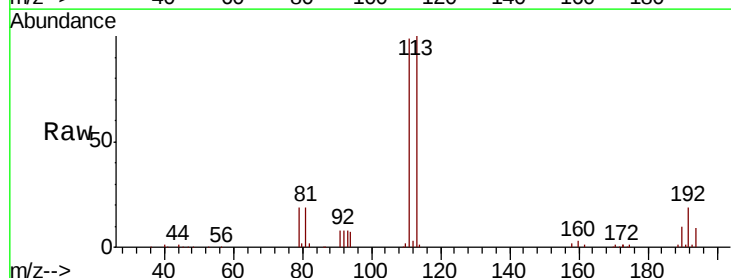
Instrument :
MSVOA_W
ClientSampleId :
TRIANGLE-AREA-SOIL-B

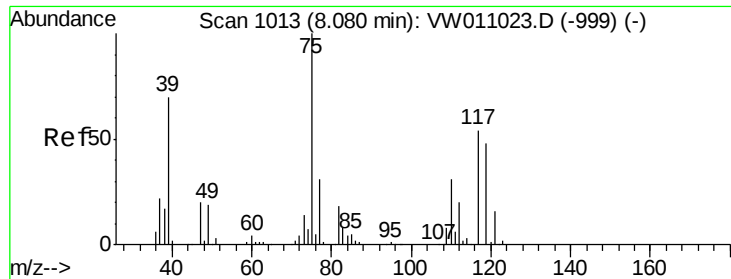
Tot Ion:114 Resp: 316105
Ion Ratio Lower Upper
114 100
63 24.0 0.0 50.6
88 16.7 0.0 34.0



#35
Dibromofluoromethane
Concen: 50.591 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW011062.D
Acq: 28 Jun 2019 15:36

Tgt Ion:113 Resp: 97654
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 19.0 16.0 24.0

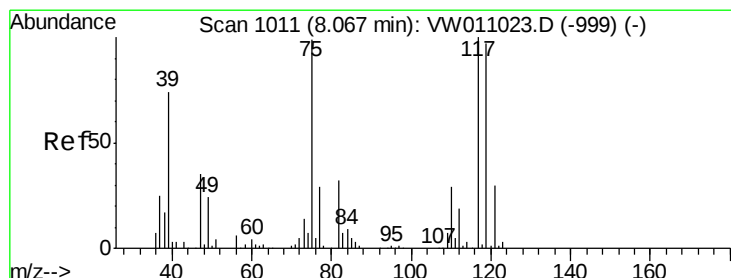
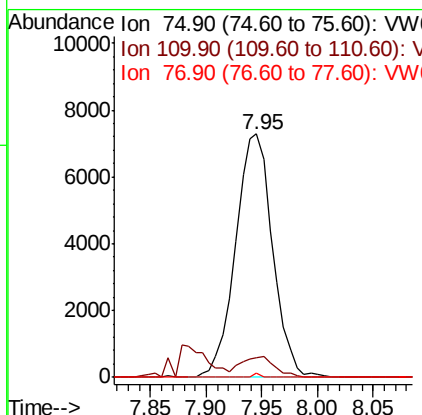
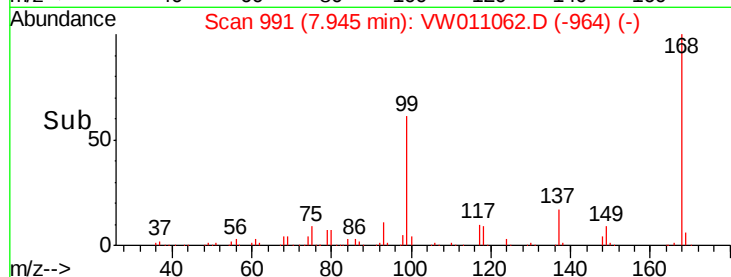
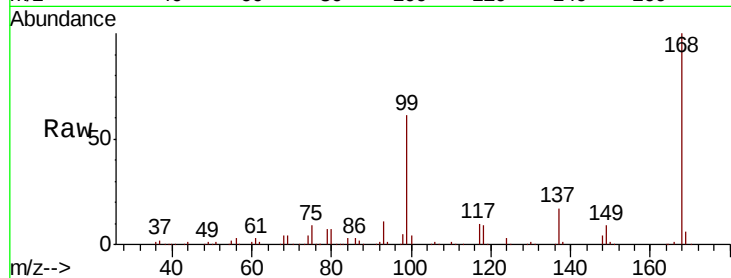




#36
 1,1-Dichloropropene
 Concen: 4.940 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011062.D
 Acq: 28 Jun 2019 15:36

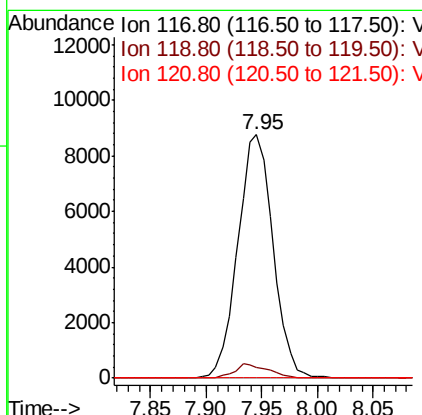
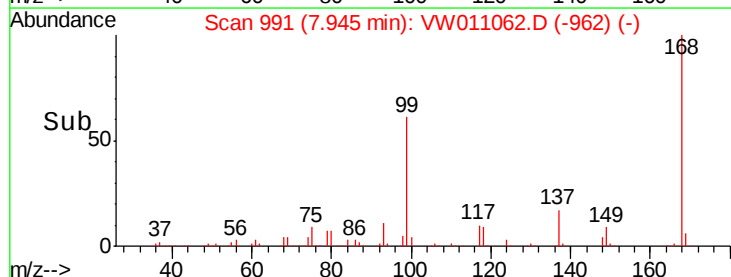
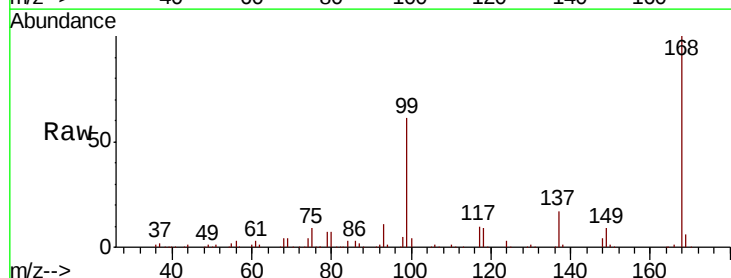
Instrument :
 MSVOA_W
 ClientSampleId :
 TRIANGLE-AREA-SOIL-B

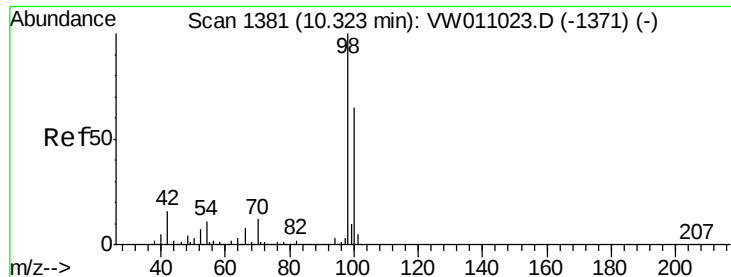
Tot Ion: 75 Resp: 16785
 Ion Ratio Lower Upper
 75 100
 110 7.9 15.5 46.5#
 77 0.3 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.867 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011062.D
 Acq: 28 Jun 2019 15:36

Tgt Ion: 117 Resp: 19213
 Ion Ratio Lower Upper
 117 100
 119 4.4 77.7 116.5#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 49.106 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011062.D

Acq: 28 Jun 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

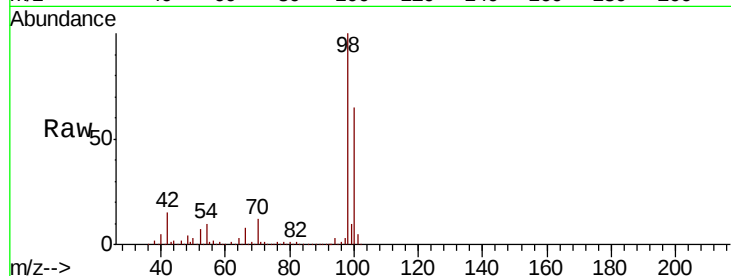
TRIANGLE-AREA-SOIL-B

Tot Ion: 98 Resp: 390174

Ion Ratio Lower Upper

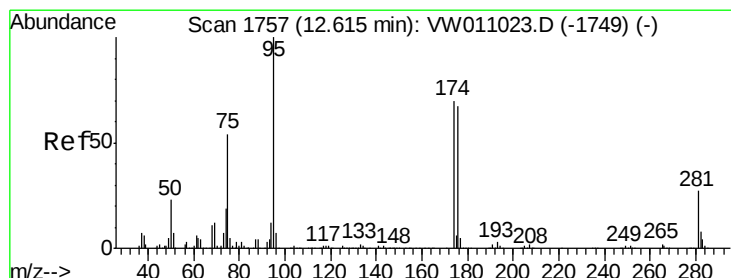
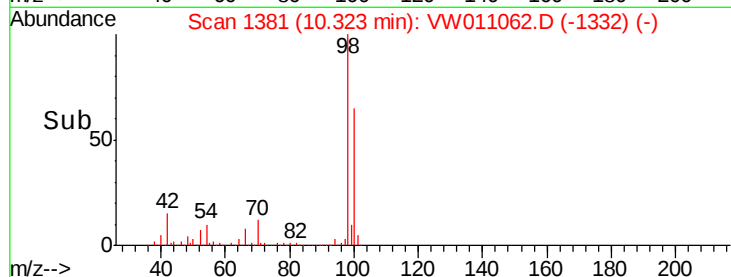
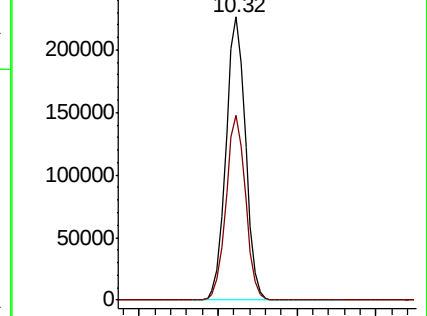
98 100

100 64.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 38.275 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011062.D

Acq: 28 Jun 2019 15:36

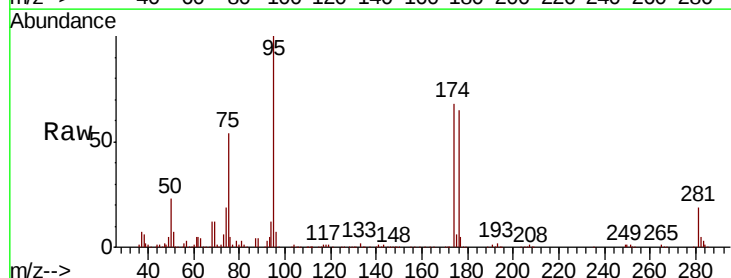
Tgt Ion: 95 Resp: 111229

Ion Ratio Lower Upper

95 100

174 74.7 0.0 149.2

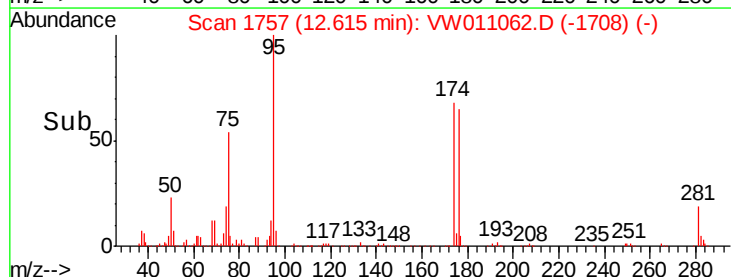
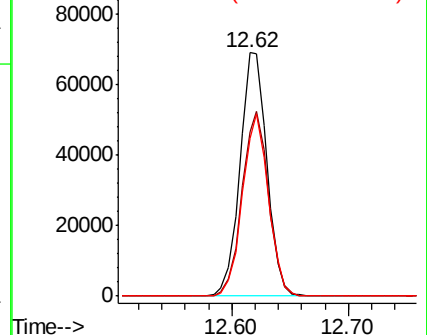
176 72.1 0.0 143.6

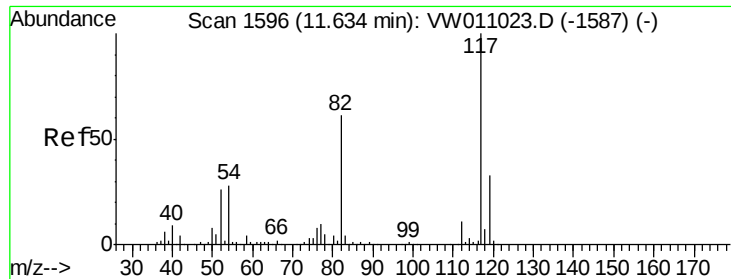


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

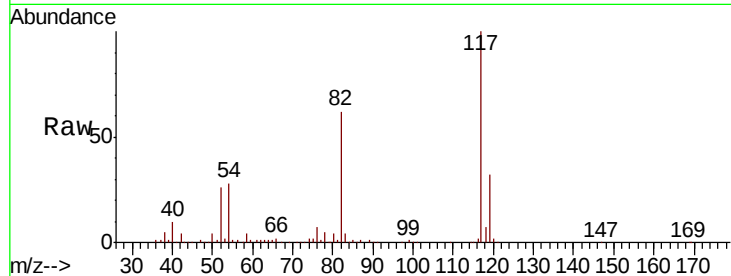




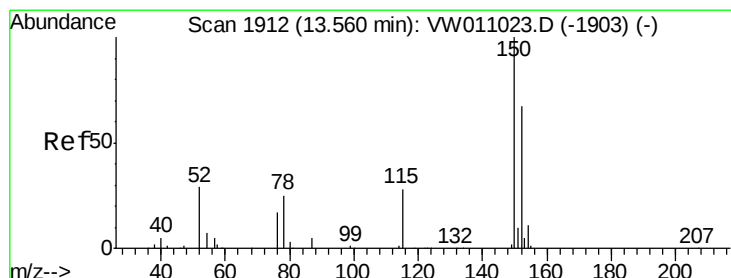
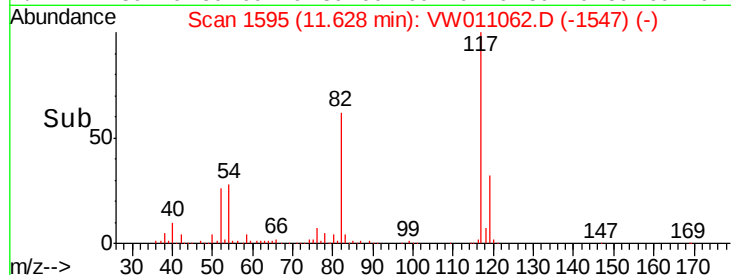
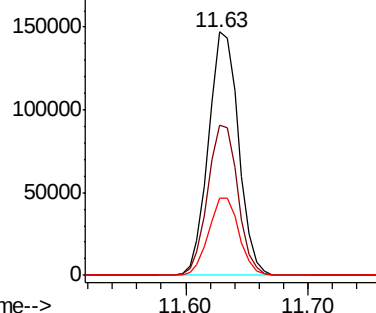
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011062.D
Acq: 28 Jun 2019 15:36

Instrument :
MSVOA_W
ClientSampleId :
TRIANGLE-AREA-SOIL-B

Tot Ion:117 Resp: 250277
Ion Ratio Lower Upper
117 100
82 61.6 48.6 73.0
119 31.6 26.1 39.1

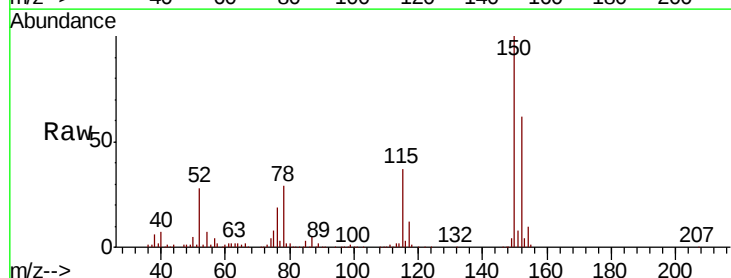


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

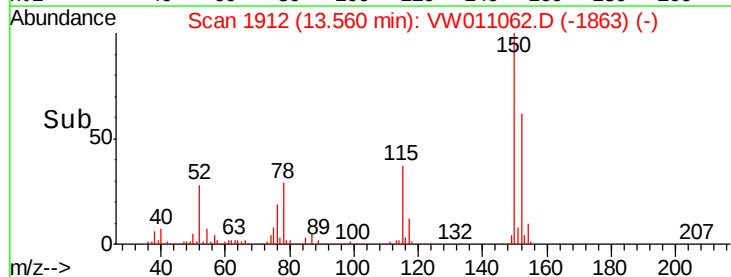
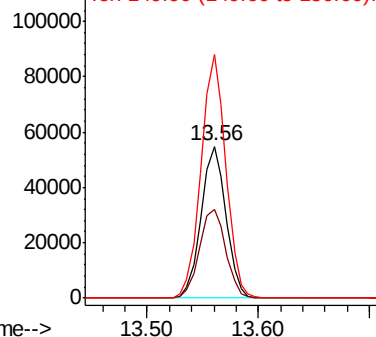


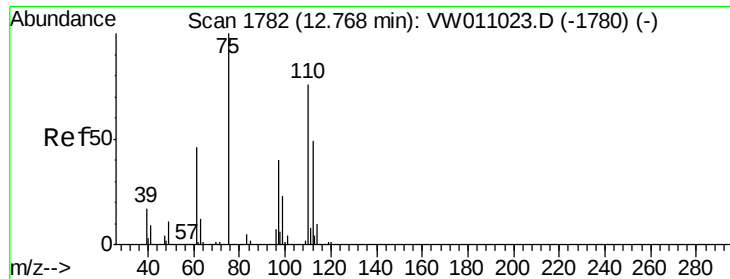
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011062.D
Acq: 28 Jun 2019 15:36

Tgt Ion:152 Resp: 84893
Ion Ratio Lower Upper
152 100
115 61.6 30.7 92.1
150 159.2 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: 68.083 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011062.D

Acq: 28 Jun 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

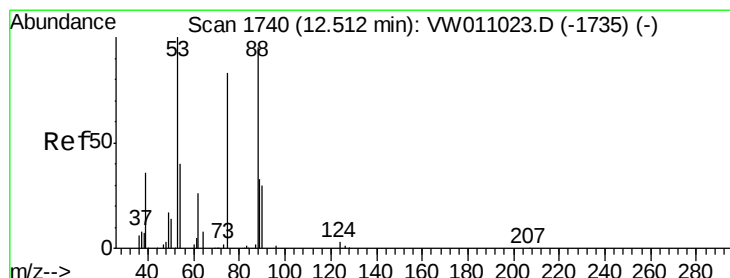
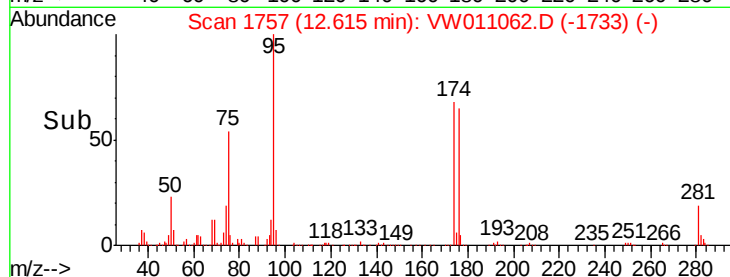
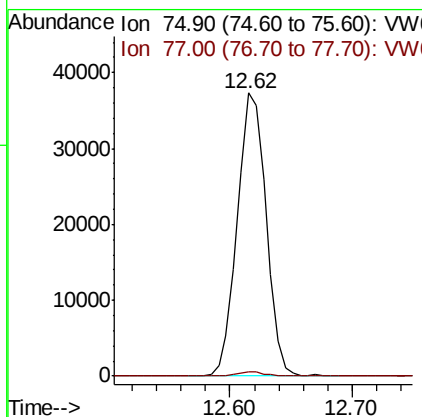
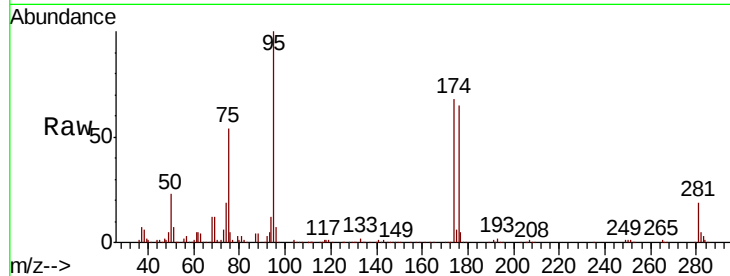
TRIANGLE-AREA-SOIL-B

Tot Ion: 75 Resp: 61019

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.078 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011062.D

Acq: 28 Jun 2019 15:36

Tgt Ion: 75 Resp: 61019

Ion Ratio Lower Upper

75 100

53 0.2 95.6 143.4#

89 0.1 34.4 51.6#

