

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011060.D
 Acq On : 28 Jun 2019 14:44
 Operator : SY/VA
 Sample : K3532-09RE
 Misc : 5.25G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 29 01:50:22 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	194418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83749	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	133114	52.37	ug/l	0.00
Spiked Amount	50.000			Recovery	=	104.74%	
35) Dibromofluoromethane		7.88	113	100914	49.67	ug/l	0.00
Spiked Amount	50.000			Recovery	=	99.34%	
50) Toluene-d8		10.32	98	409058	48.91	ug/l	0.00
Spiked Amount	50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene		12.62	95	111436	36.43	ug/l	0.00
Spiked Amount	50.000			Recovery	=	72.86%	

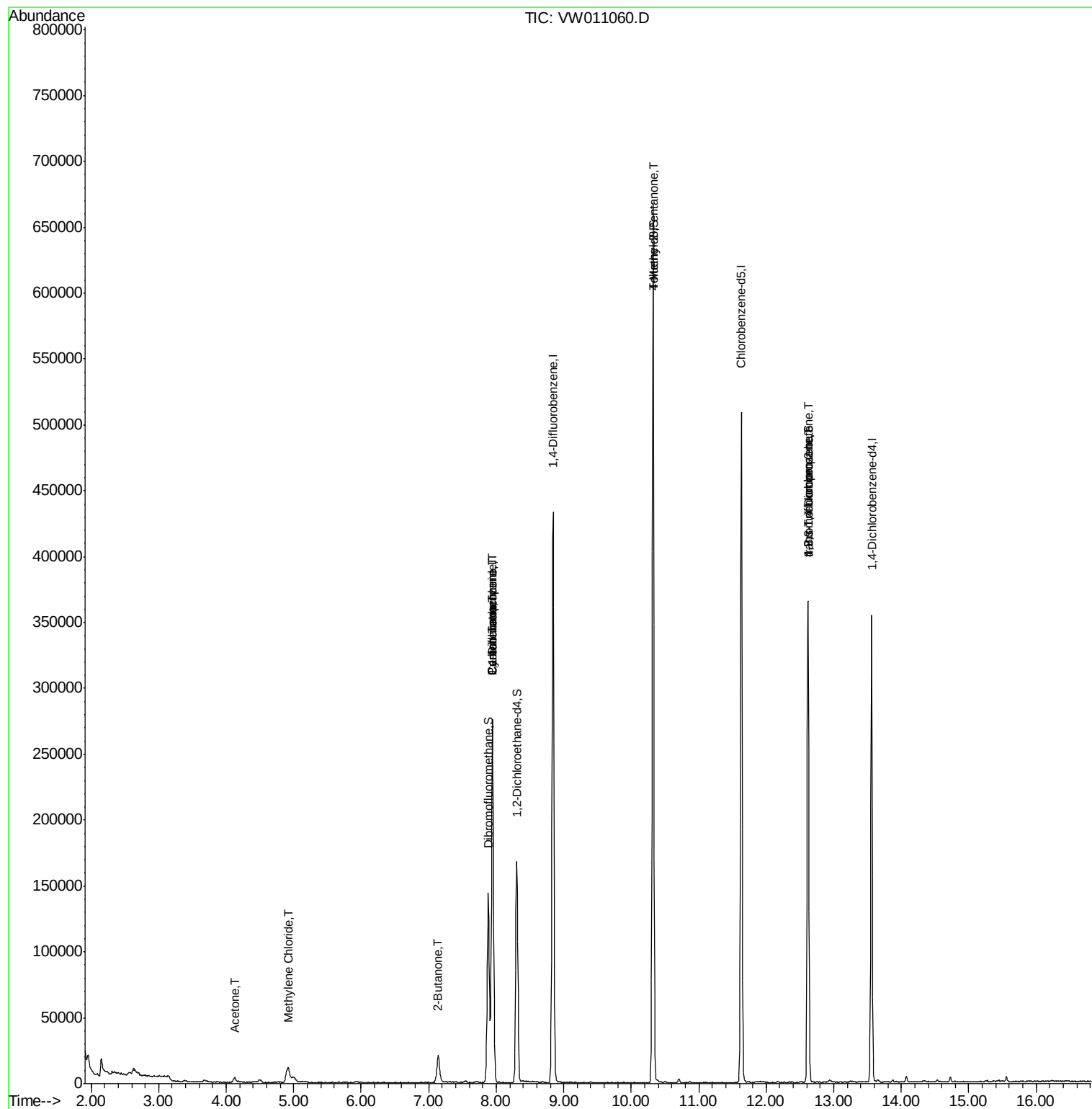
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	6724	10.839	ug/l	99
20) Methylene Chloride	4.91	84	9054	3.592	ug/l	98
25) 2-Butanone	7.15	43	1956	2.074	ug/l #	88
31) Cyclohexane	7.94	56	5236	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17758	4.966	ug/l #	51
38) Carbon Tetrachloride	7.94	117	20616	7.000	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	2608	1.259	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	62169	70.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62169	141.435	ug/l #	3

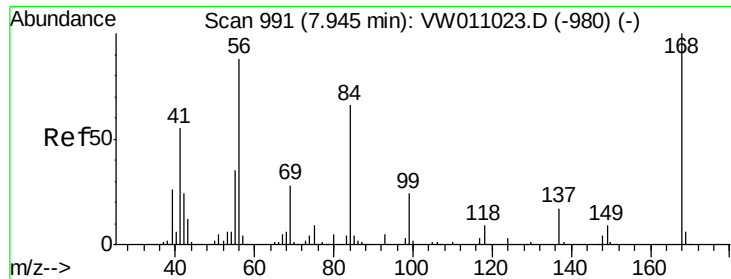
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062919\
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Quant Time: Jun 29 01:50:22 2019
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: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011060.D

Acq: 28 Jun 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

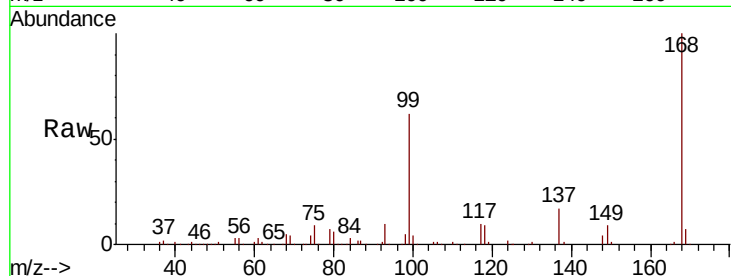
TRIANGLE-AREA-SOIL-C

Tot Ion:168 Resp: 194418

Ion Ratio Lower Upper

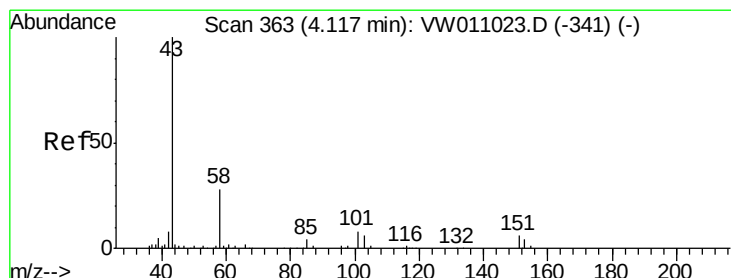
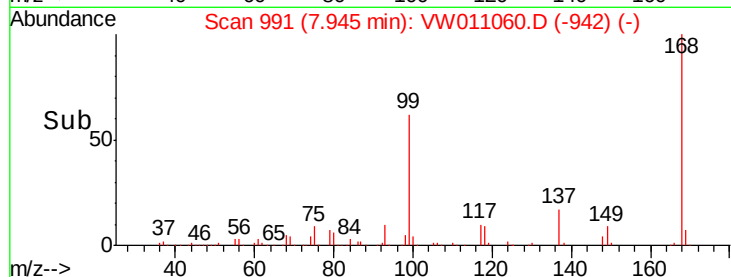
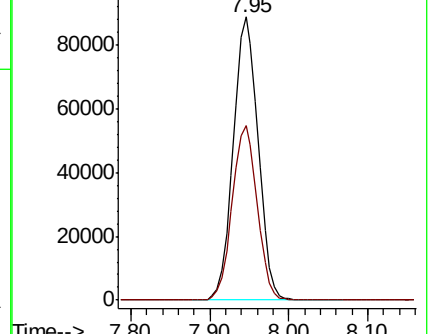
168 100

99 61.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 10.839 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011060.D

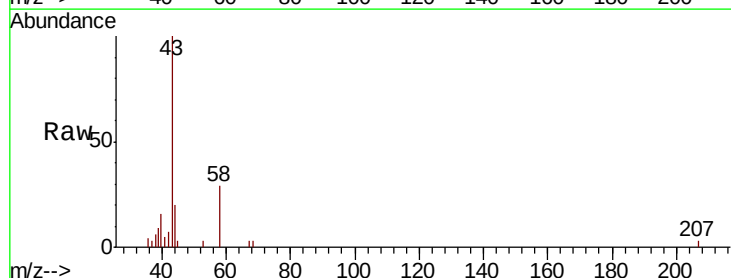
Acq: 28 Jun 2019 14:44

Tgt Ion: 43 Resp: 6724

Ion Ratio Lower Upper

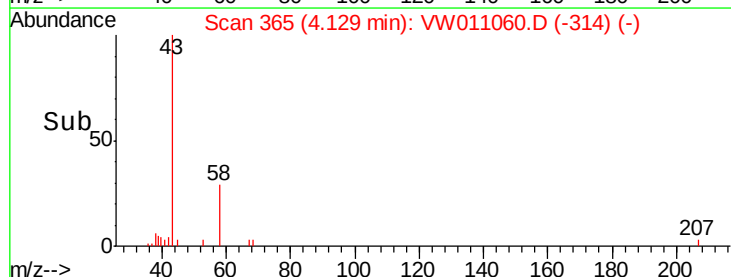
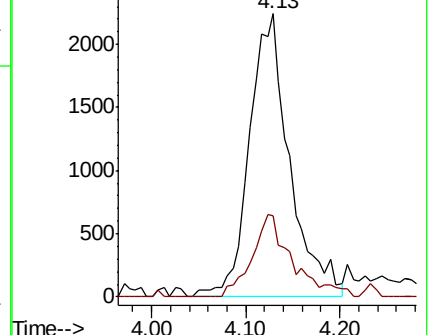
43 100

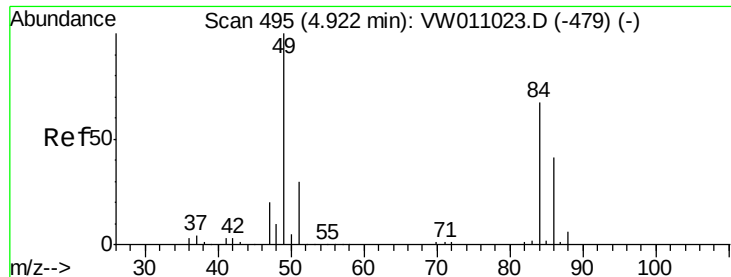
58 28.9 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

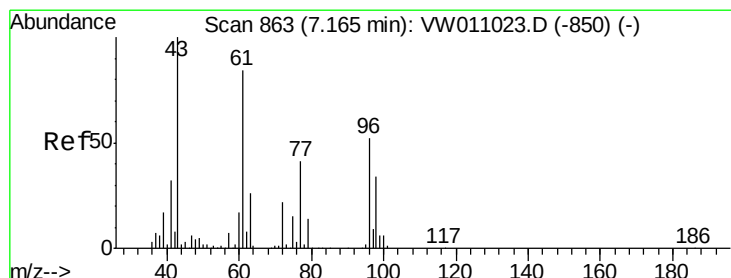
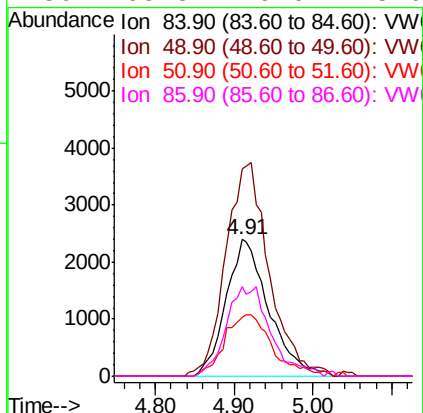
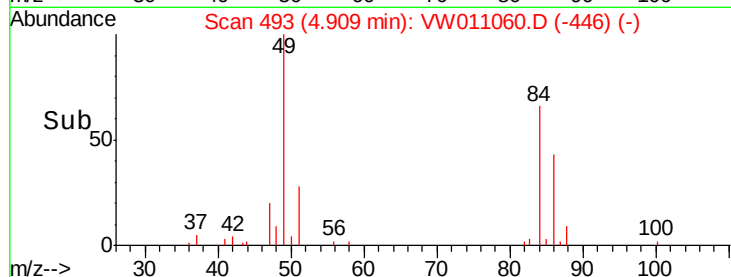
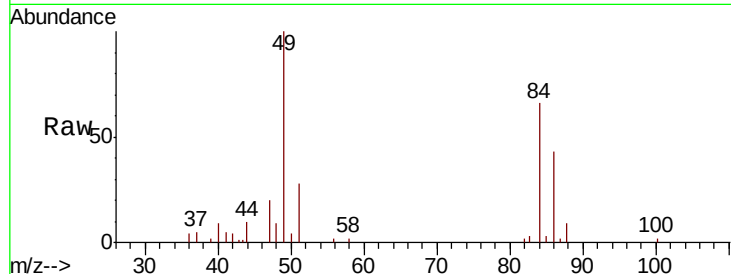




#20
Methylene Chloride
Concen: 3.592 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011060.D
Acq: 28 Jun 2019 14:44

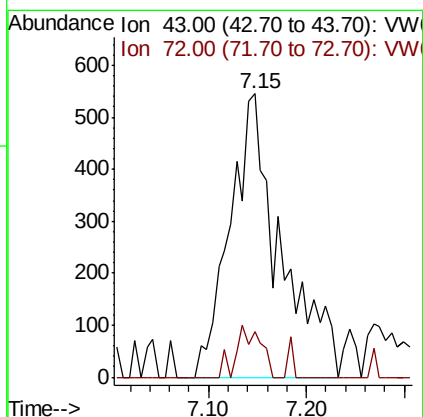
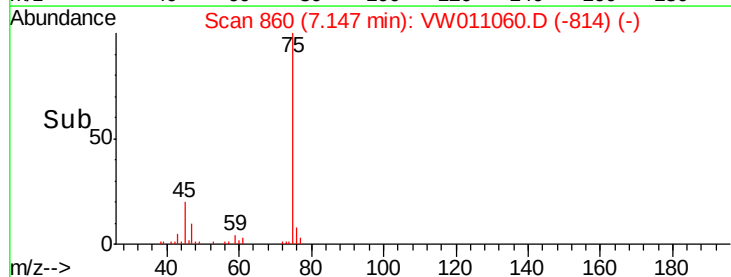
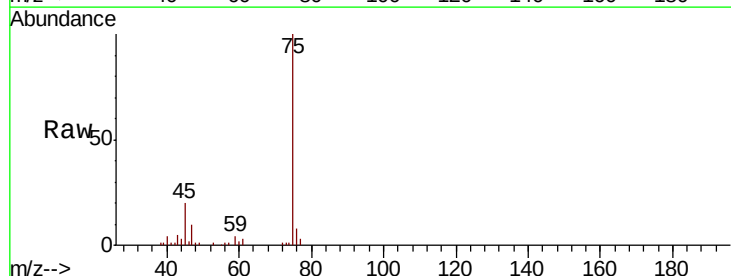
Instrument :
MSVOA_W
ClientSampleId :
TRIANGLE-AREA-SOIL-C

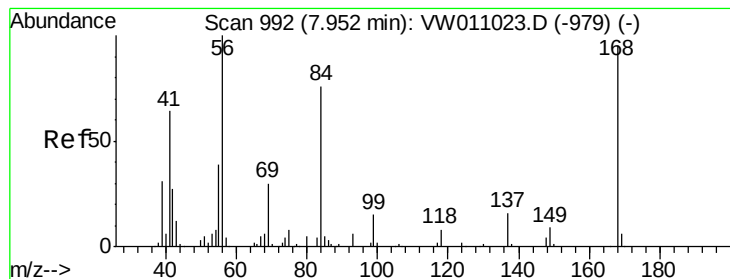
Tot Ion: 84 Resp: 9054
Ion Ratio Lower Upper
84 100
49 151.4 119.6 179.4
51 43.1 35.6 53.4
86 65.3 49.0 73.6



#25
2-Butanone
Concen: 2.074 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW011060.D
Acq: 28 Jun 2019 14:44

Tgt Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
72 16.0 17.2 25.8#





#31

Cyclohexane

Concen: 1.077 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011060.D

Acq: 28 Jun 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

TRIANGLE-AREA-SOIL-C

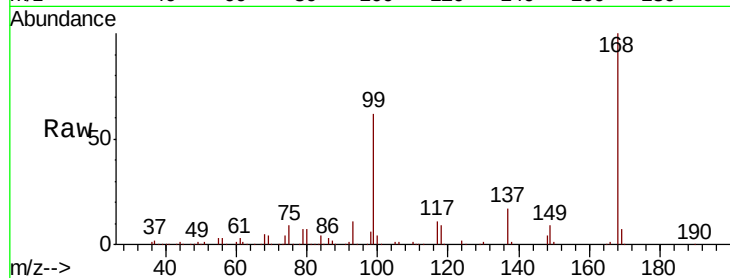
Tot Ion: 56 Resp: 5236

Ion Ratio Lower Upper

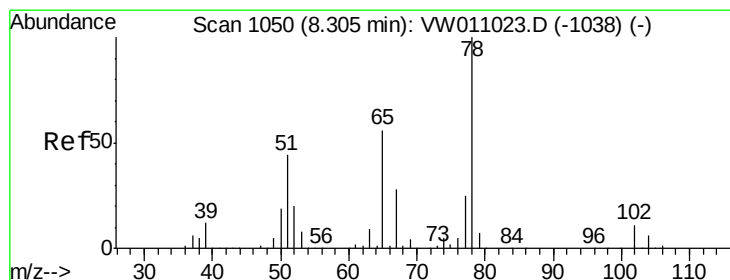
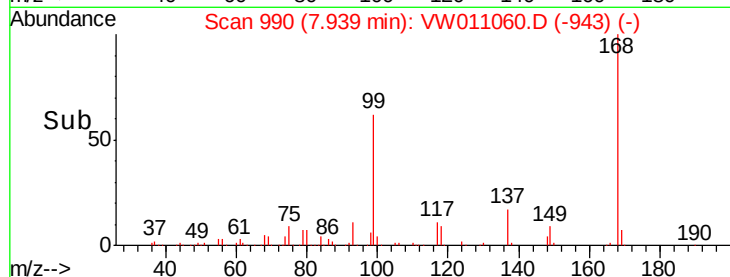
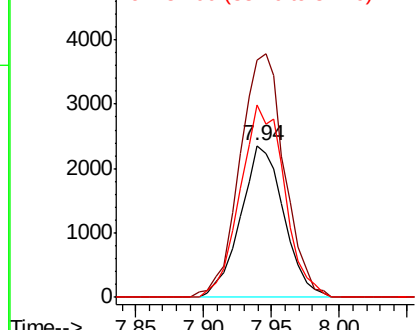
56 100

69 156.2 24.2 36.2#

84 126.9 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: 52.375 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011060.D

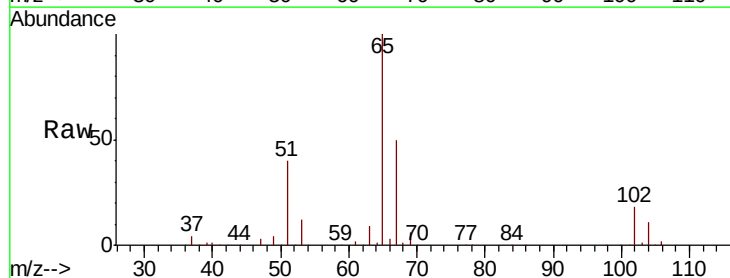
Acq: 28 Jun 2019 14:44

Tgt Ion: 65 Resp: 133114

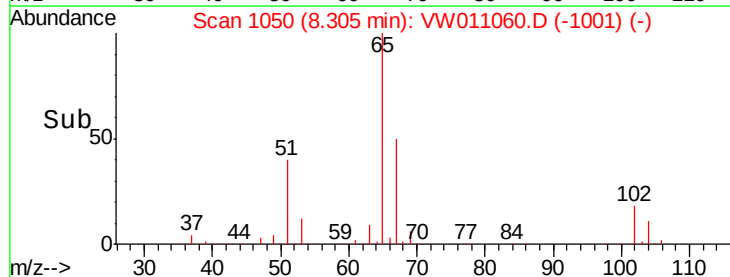
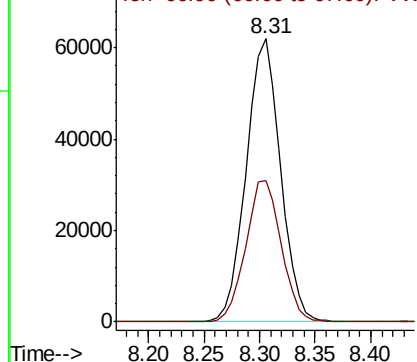
Ion Ratio Lower Upper

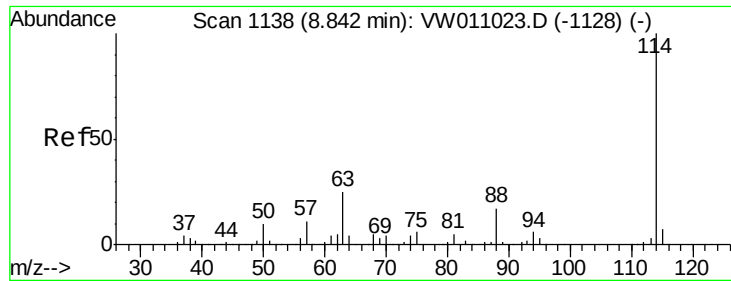
65 100

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

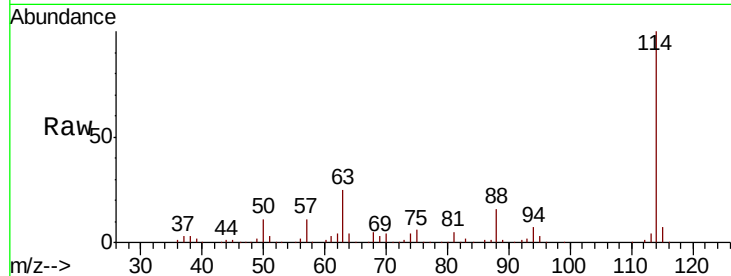




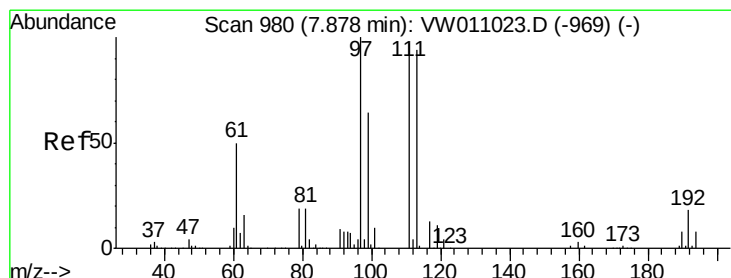
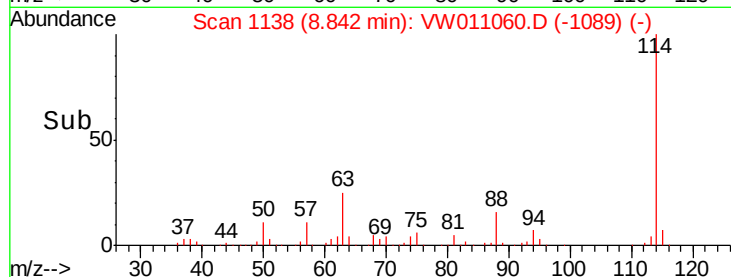
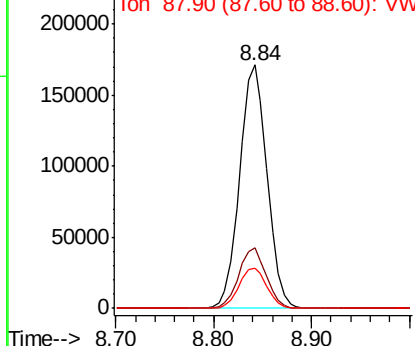
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011060.D
Acq: 28 Jun 2019 14:44

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

Tot Ion:114 Resp: 332715
Ion Ratio Lower Upper
114 100
63 24.9 0.0 50.6
88 16.4 0.0 34.0

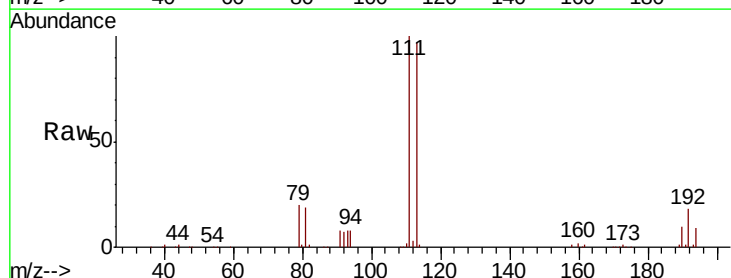


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

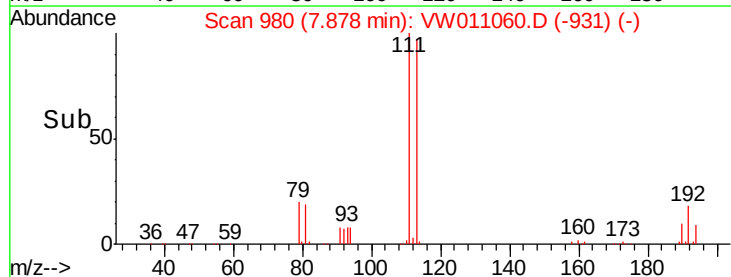
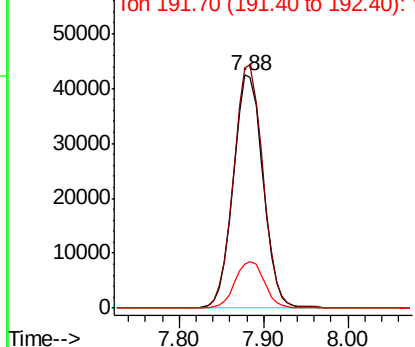


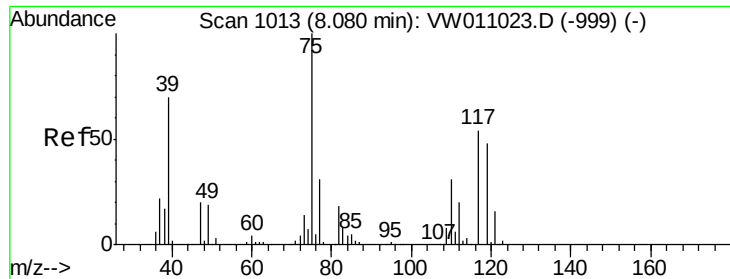
#35
Dibromofluoromethane
Concen: 49.670 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW011060.D
Acq: 28 Jun 2019 14:44

Tgt Ion:113 Resp: 100914
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 19.6 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

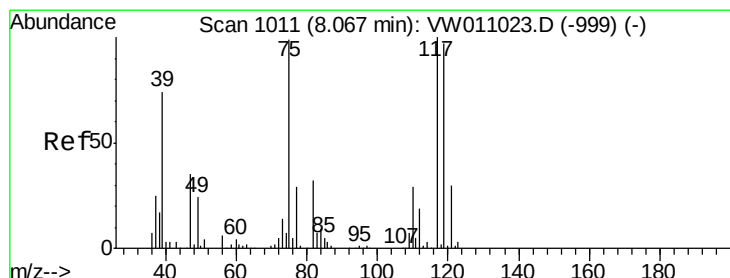
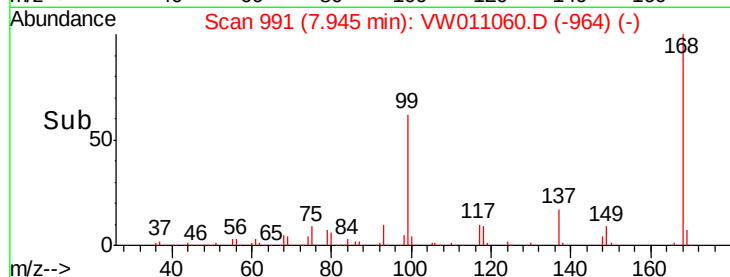
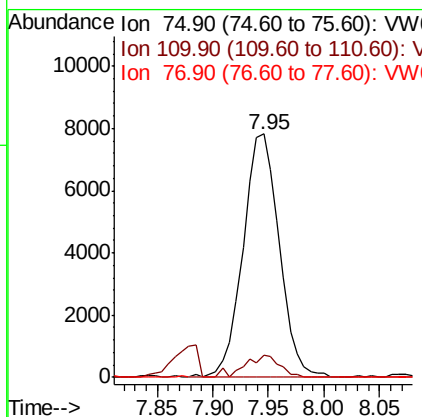
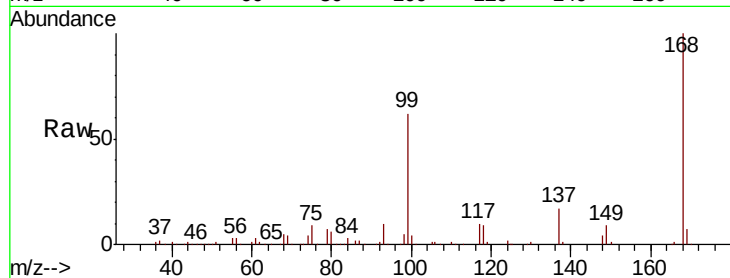




#36
 1,1-Dichloropropene
 Concen: 4.966 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011060.D
 Acq: 28 Jun 2019 14:44

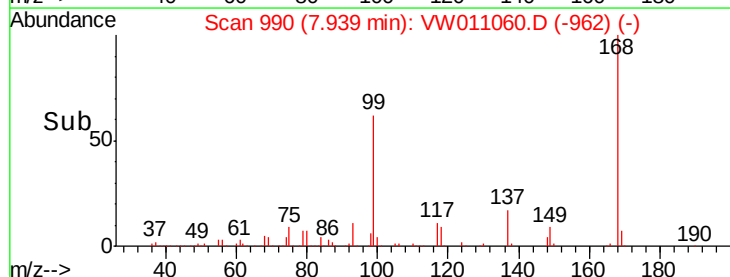
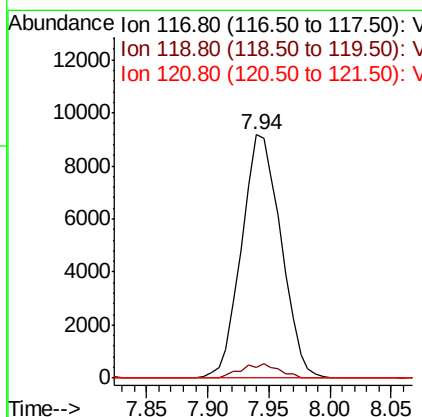
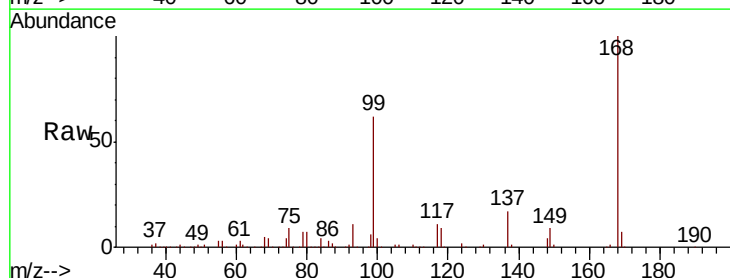
Instrument :
 MSVOA_W
 ClientSampleId :
 TRIANGLE-AREA-SOIL-C

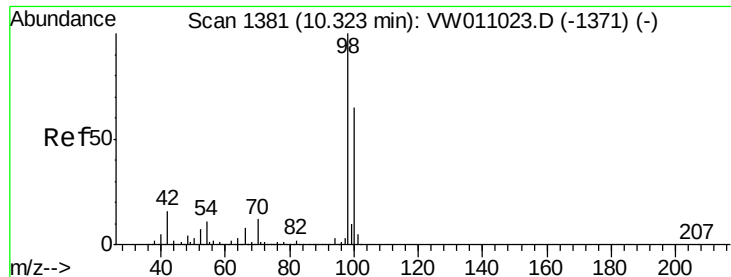
Tot Ion: 75 Resp: 17758
 Ion Ratio Lower Upper
 75 100
 110 8.2 15.5 46.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 7.000 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011060.D
 Acq: 28 Jun 2019 14:44

Tgt Ion: 117 Resp: 20616
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.7 116.5#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 48.913 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011060.D

Acq: 28 Jun 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

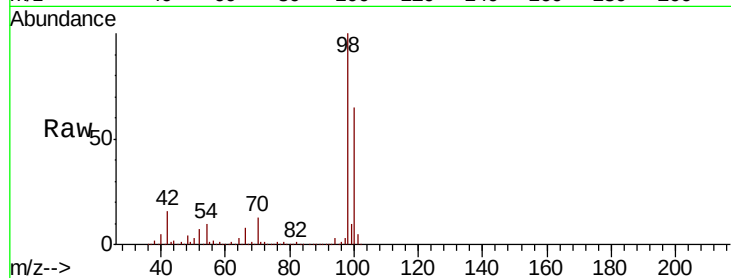
TRIANGLE-AREA-SOIL-C

Tot Ion: 98 Resp: 409058

Ion Ratio Lower Upper

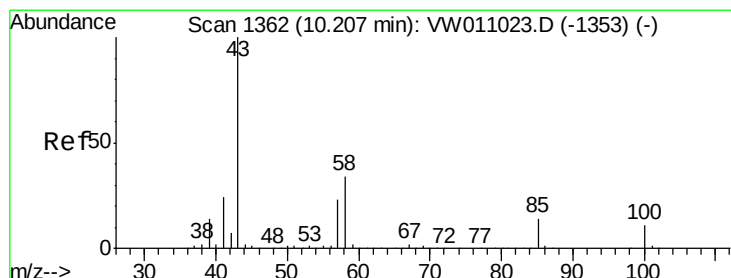
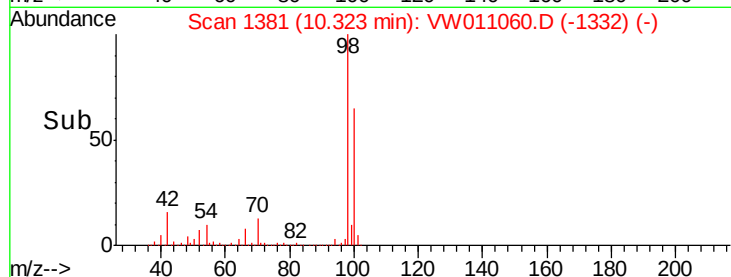
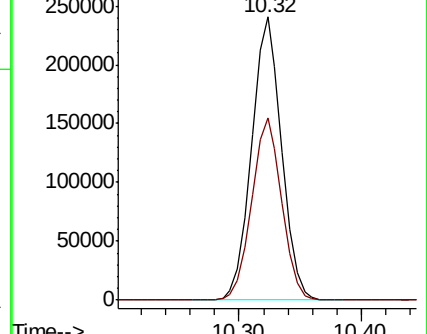
98 100

100 64.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.259 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW011060.D

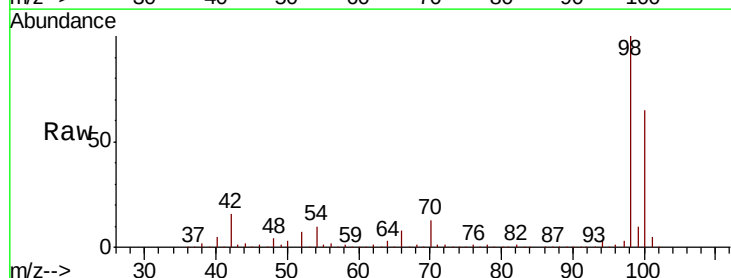
Acq: 28 Jun 2019 14:44

Tgt Ion: 43 Resp: 2608

Ion Ratio Lower Upper

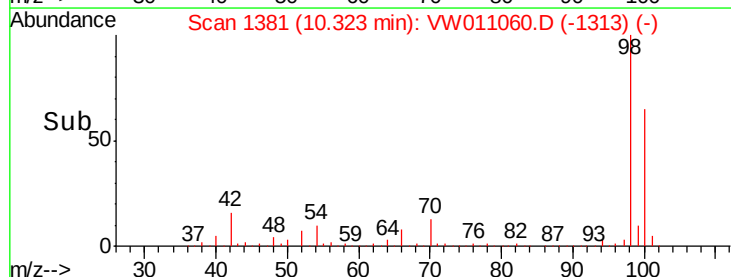
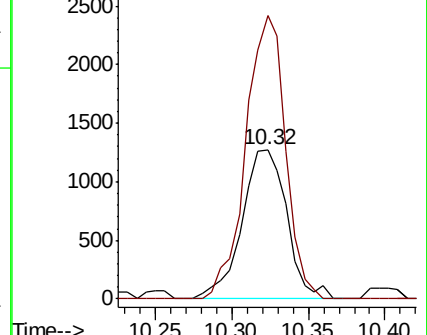
43 100

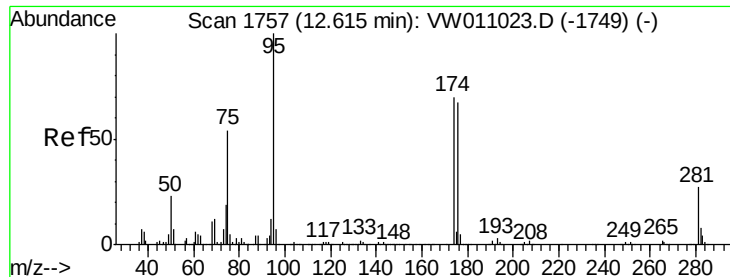
58 166.9 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 36.432 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011060.D

Acq: 28 Jun 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

TRIANGLE-AREA-SOIL-C

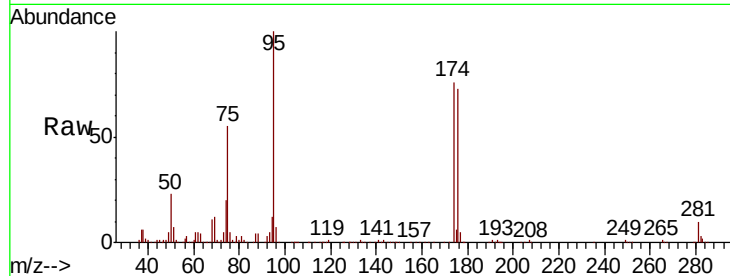
Tot Ion: 95 Resp: 111436

Ion Ratio Lower Upper

95 100

174 74.9 0.0 149.2

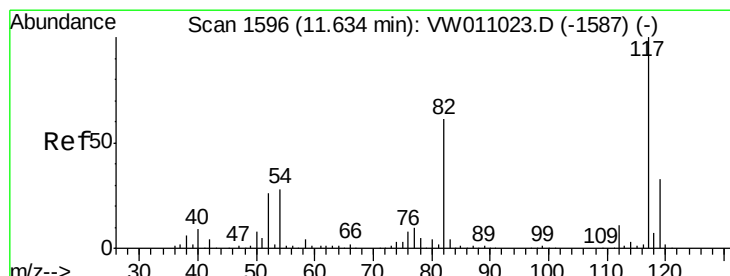
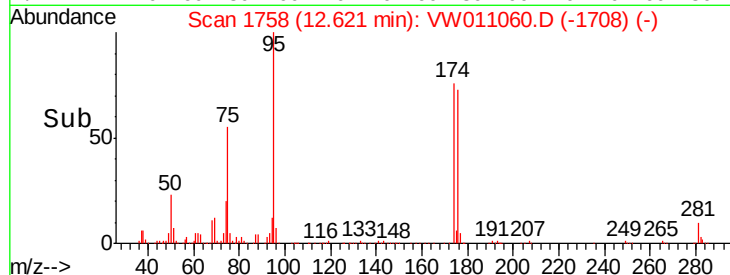
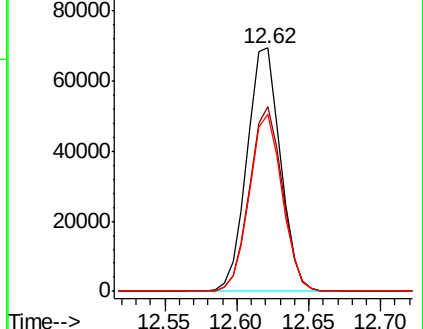
176 71.7 0.0 143.6



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: VW011060.D

Acq: 28 Jun 2019 14:44

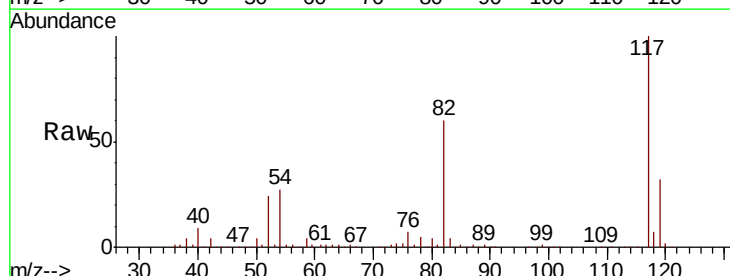
Tgt Ion: 117 Resp: 260332

Ion Ratio Lower Upper

117 100

82 59.6 48.6 73.0

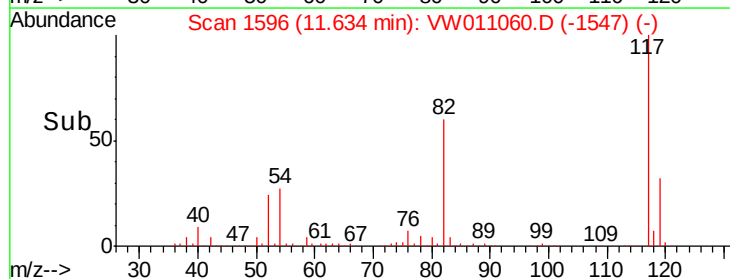
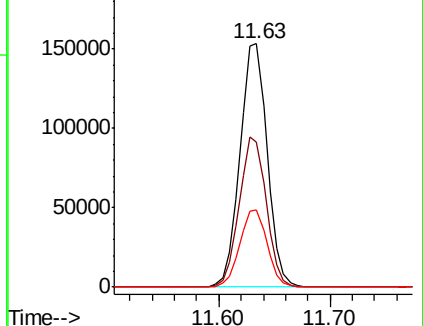
119 31.8 26.1 39.1

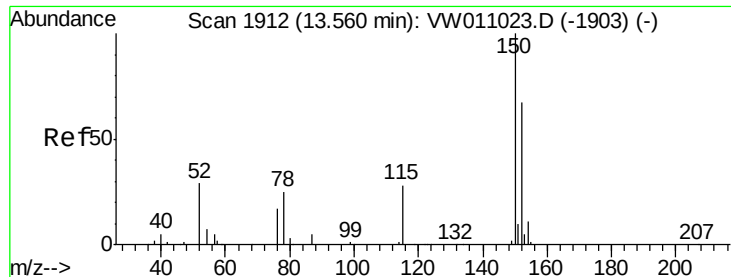


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



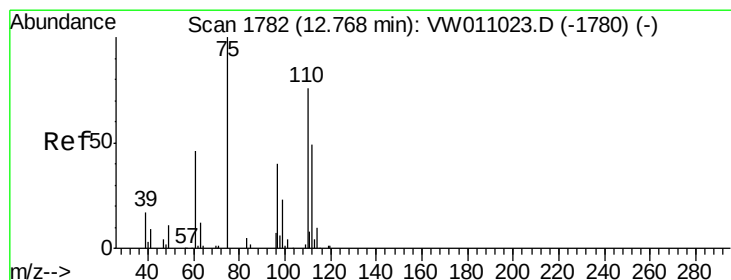
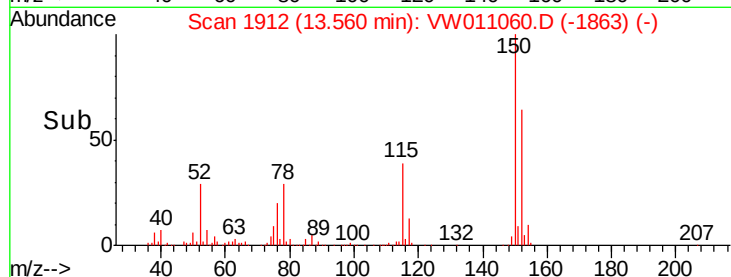
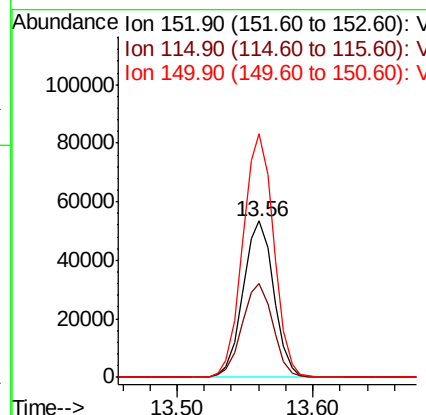
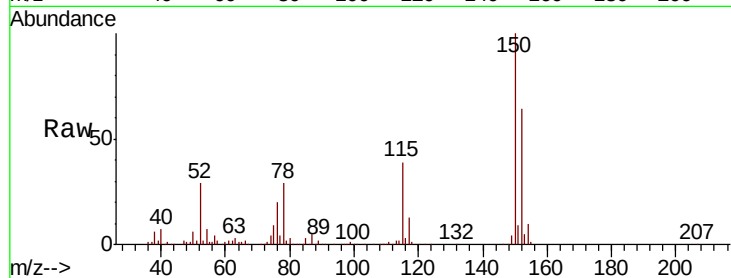


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011060.D
Acq: 28 Jun 2019 14:44

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

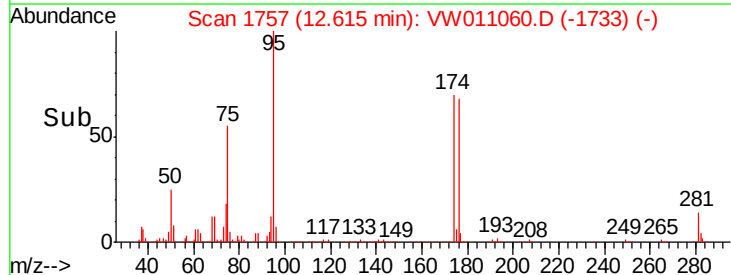
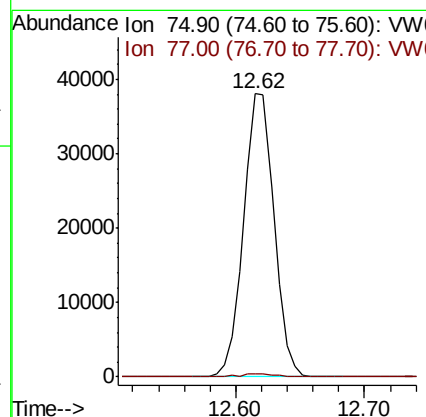
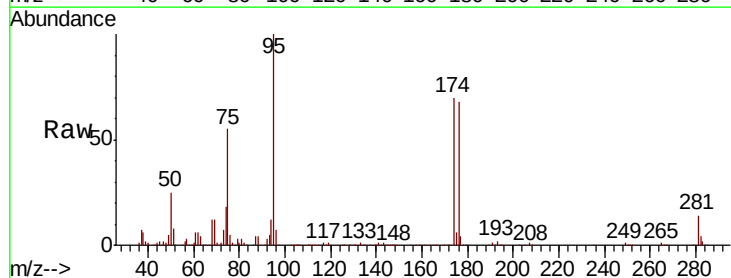
Tot Ion:152 Resp: 83749
Ion Ratio Lower Upper
152 100
115 60.9 30.7 92.1
150 157.6 0.0 341.8

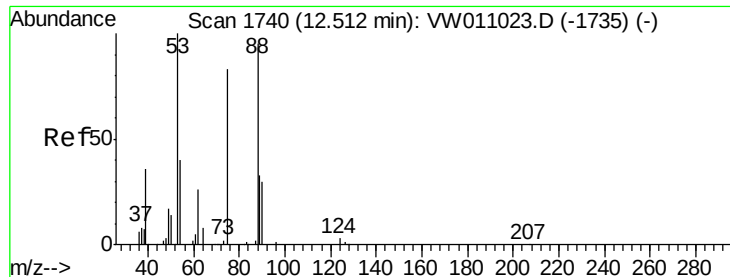


#76

1,2,3-Trichloropropane
Concen: 70.313 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011060.D
Acq: 28 Jun 2019 14:44

Tgt Ion: 75 Resp: 62169
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 141.435 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011060.D

Acq: 28 Jun 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

TRIANGLE-AREA-SOIL-C

Tot Ion: 75 Resp: 62169

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.0 34.4 51.6#

