

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011061.D
 Acq On : 28 Jun 2019 15:10
 Operator : SY/VA
 Sample : K3532-05RE
 Misc : 7.08G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jun 29 01:50:33 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	184948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	317722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	240151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74551	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	128430	53.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.24%	
35) Dibromofluoromethane	7.88	113	95886	49.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.84%	
50) Toluene-d8	10.32	98	386449	48.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.62	95	103159	35.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.64%	

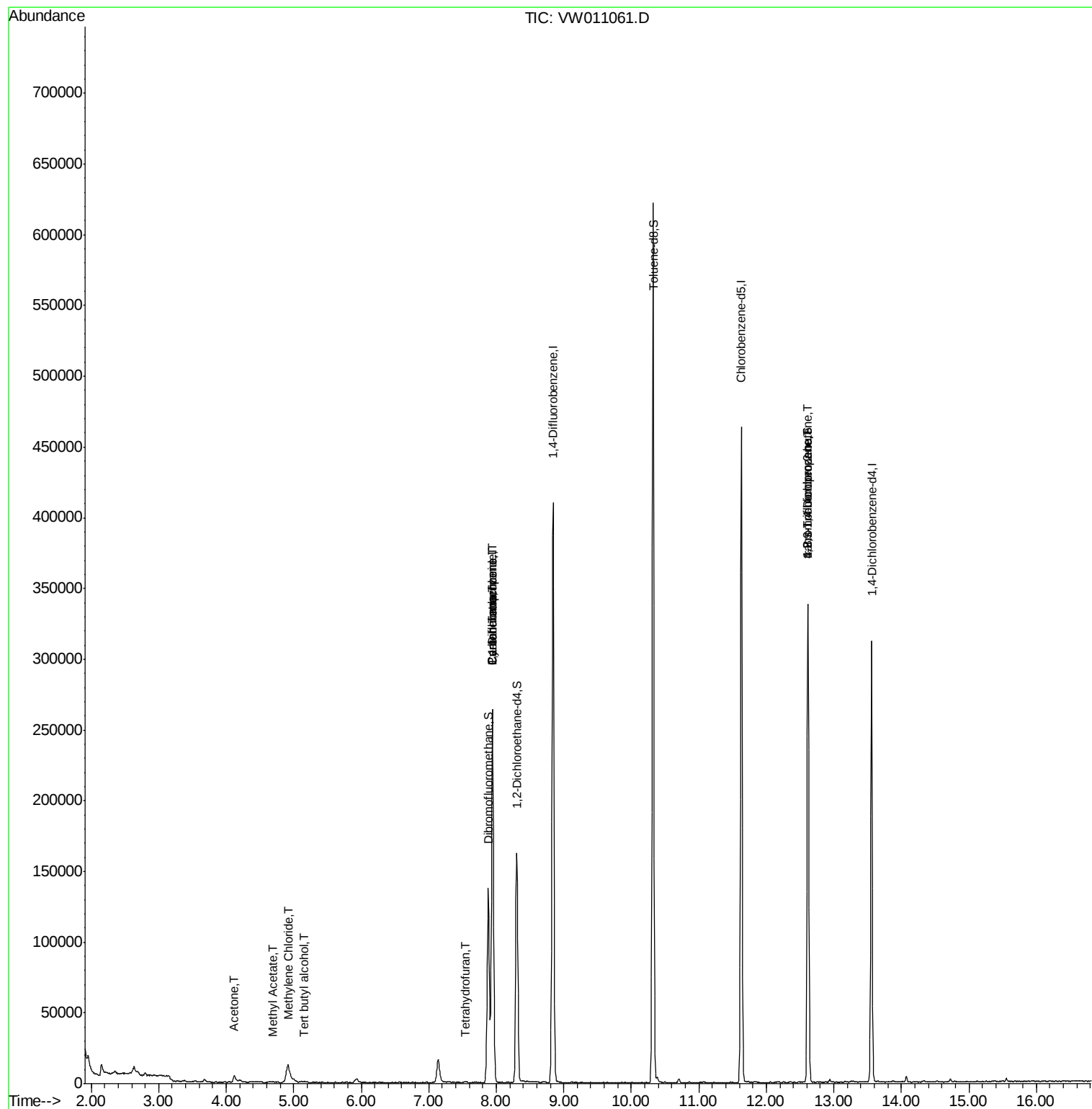
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	264	1.503	ug/l #	71
16) Acetone	4.12	43	8953	15.170	ug/l	91
18) Methyl Acetate	4.68	43	1934	1.265	ug/l #	76
20) Methylene Chloride	4.92	84	10167	4.240	ug/l	96
29) Tetrahydrofuran	7.55	42	603	1.080	ug/l #	71
31) Cyclohexane	7.95	56	5061	1.094	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	17307	5.068	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19065	6.779	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	56129	71.314	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56129	143.390	ug/l #	3

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

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TRIANGLE-AREA-SOIL-ARE

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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: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011061.D

Acq: 28 Jun 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

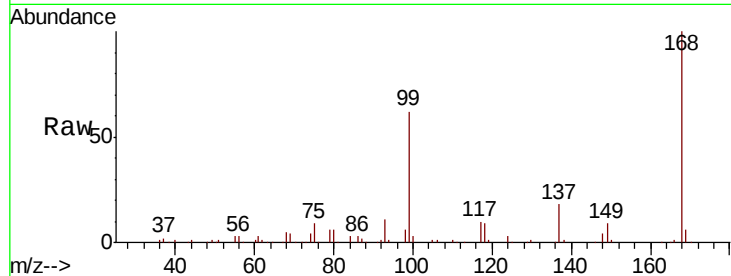
TRIANGLE-AREA-SOIL-ARE

Tot Ion:168 Resp: 184948

Ion Ratio Lower Upper

168 100

99 61.5 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

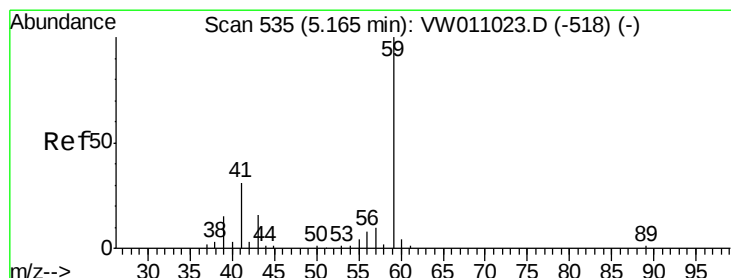
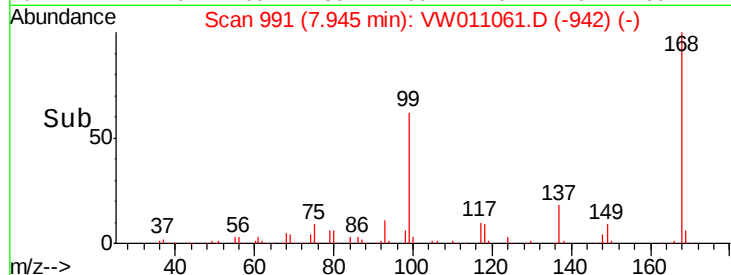
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 1.503 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW011061.D

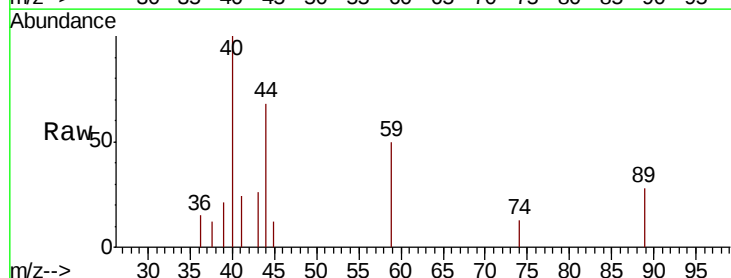
Acq: 28 Jun 2019 15:10

Tgt Ion: 59 Resp: 264

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

5.15

250

200

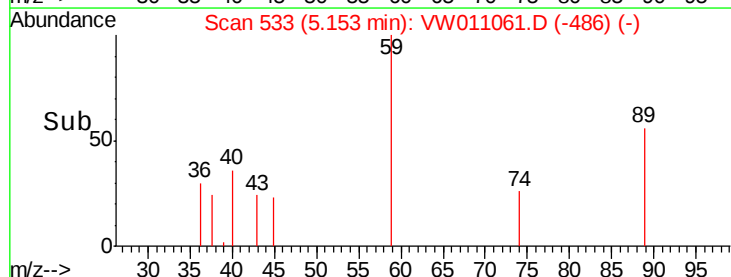
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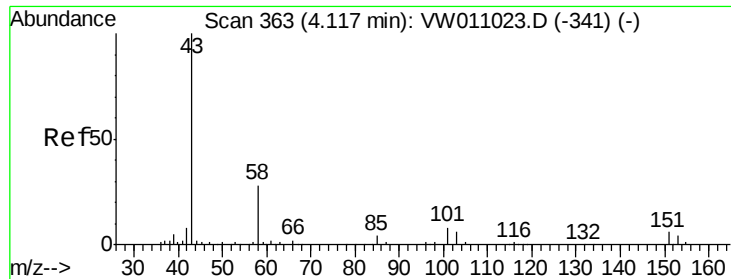
100

50

0

Time--> 5.13 5.14 5.15 5.16 5.17





#16

Acetone

Concen: 15.170 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011061.D

Acq: 28 Jun 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

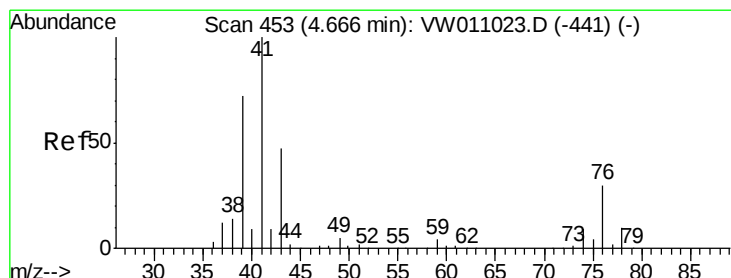
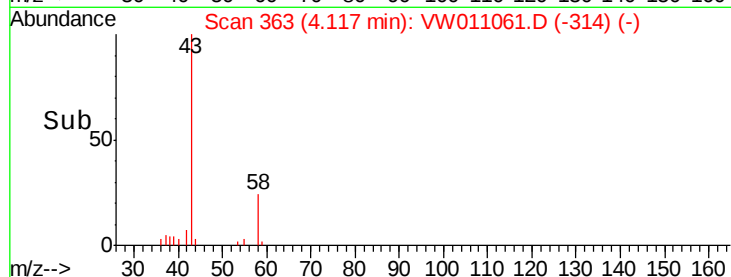
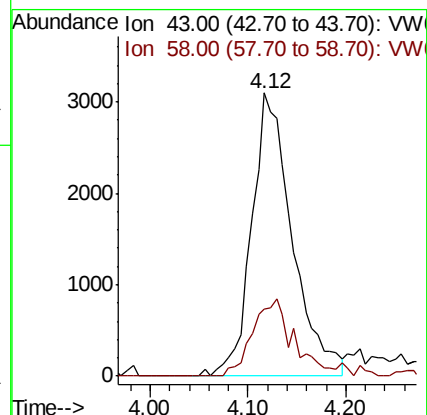
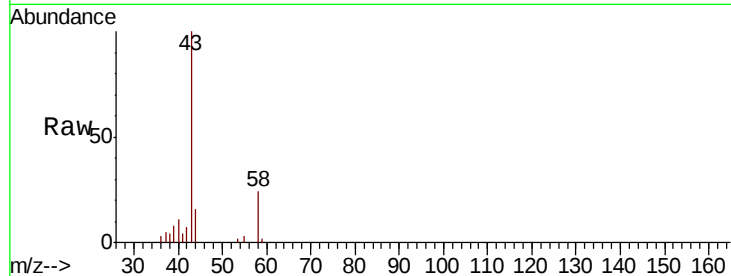
TRIANGLE-AREA-SOIL-ARE

Tot Ion: 43 Resp: 8953

Ion Ratio Lower Upper

43 100

58 23.5 22.5 33.7



#18

Methyl Acetate

Concen: 1.265 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW011061.D

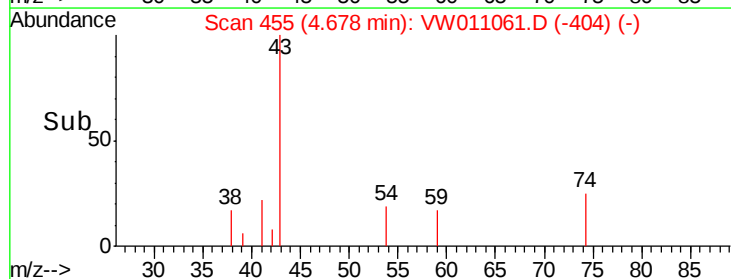
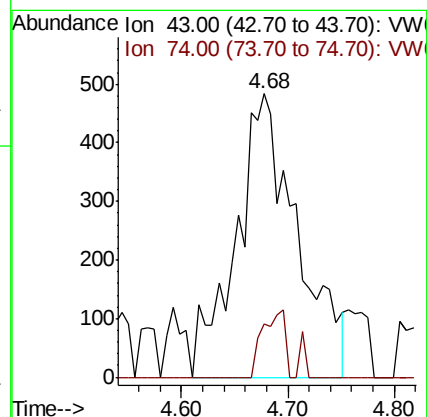
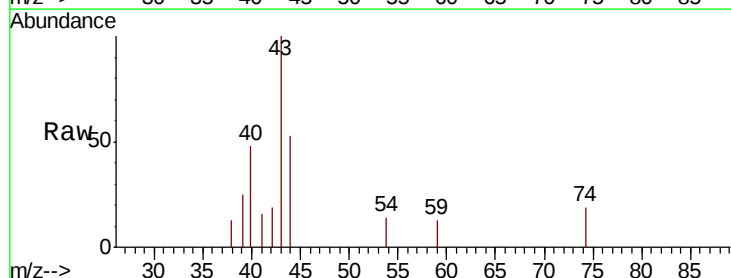
Acq: 28 Jun 2019 15:10

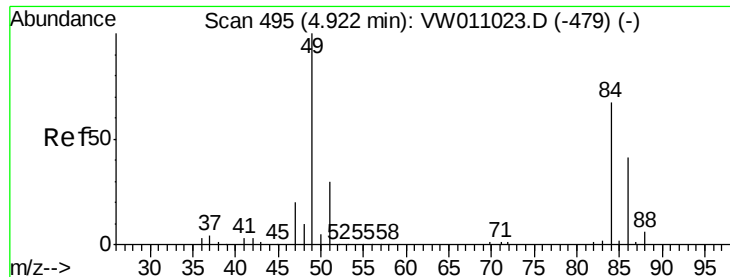
Tgt Ion: 43 Resp: 1934

Ion Ratio Lower Upper

43 100

74 8.8 15.8 23.8#

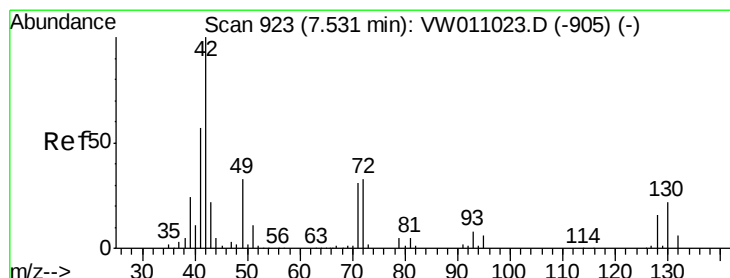
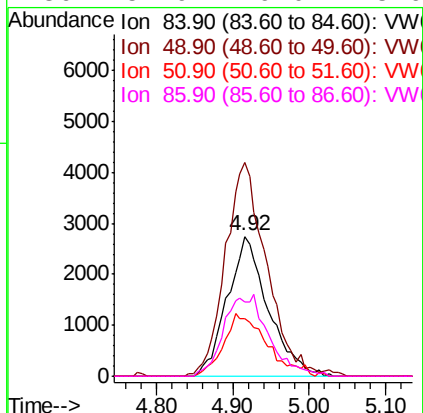
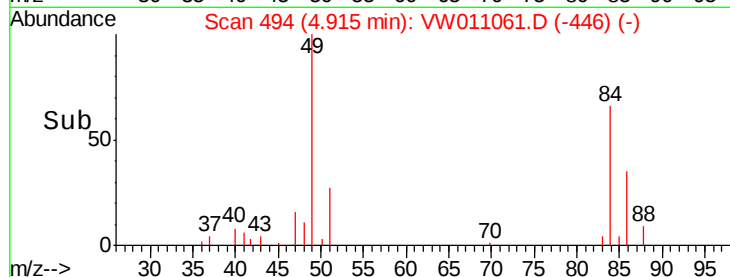
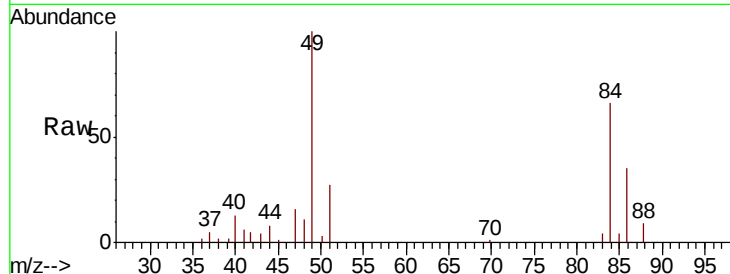




#20
Methvlene Chloride
Concen: 4.240 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011061.D
Acq: 28 Jun 2019 15:10

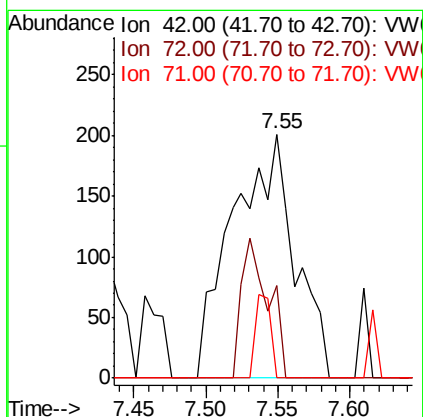
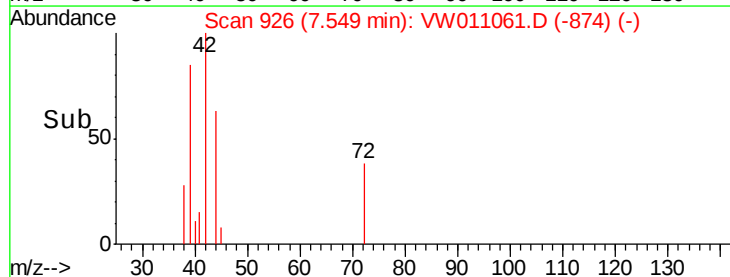
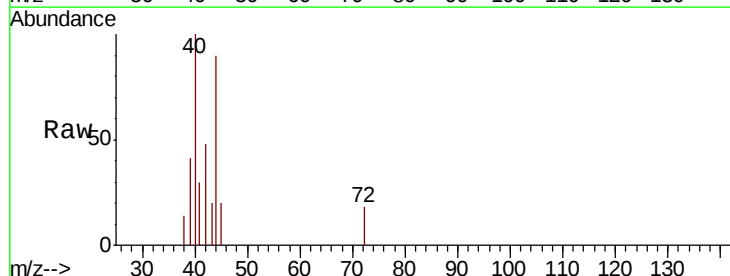
Instrument :
MSVOA_W
ClientSampleId :
TRIANGLE-AREA-SOIL-ARE

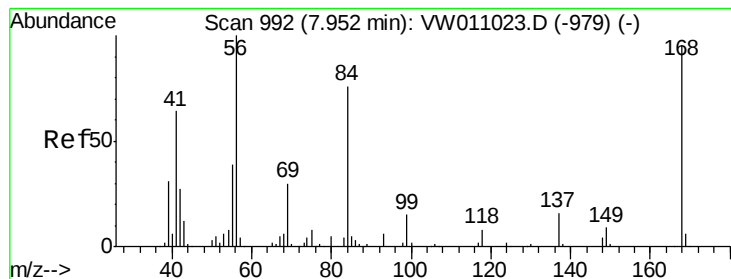
Tot Ion:	84	Resp:	10167
Ion	Ratio	Lower	Upper
84	100		
49	150.3	119.6	179.4
51	40.8	35.6	53.4
86	52.9	49.0	73.6



#29
Tetrahydrofuran
Concen: 1.080 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW011061.D
Acq: 28 Jun 2019 15:10

Tgt Ion:	42	Resp:	603
Ion	Ratio	Lower	Upper
42	100		
72	24.7	27.4	41.0#
71	8.1	25.6	38.4#

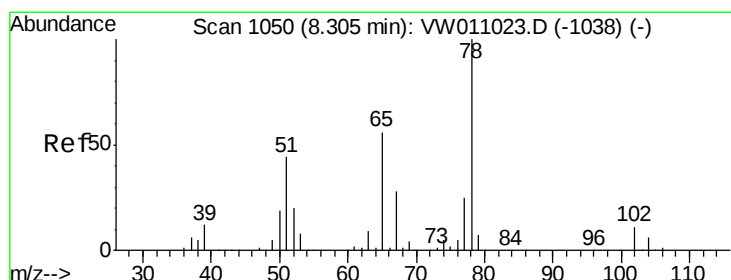
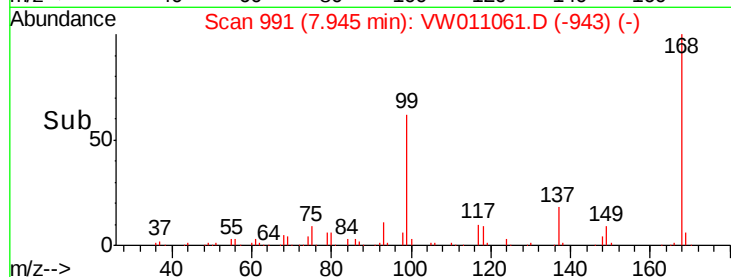
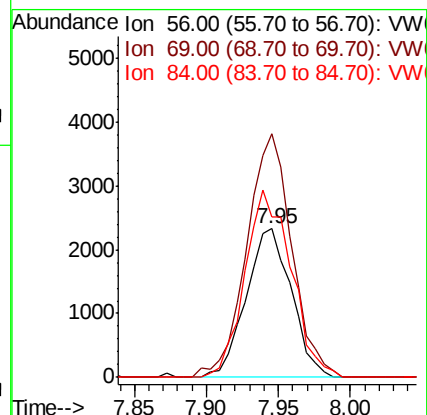
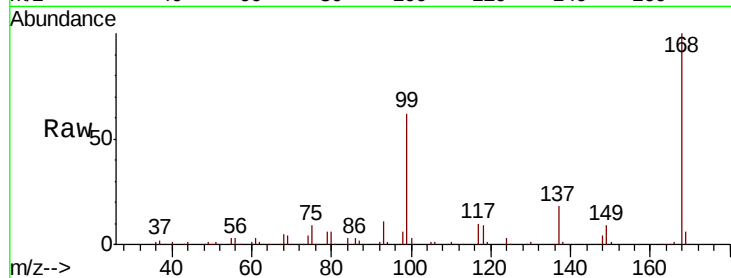




#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011061.D
Acq: 28 Jun 2019 15:10

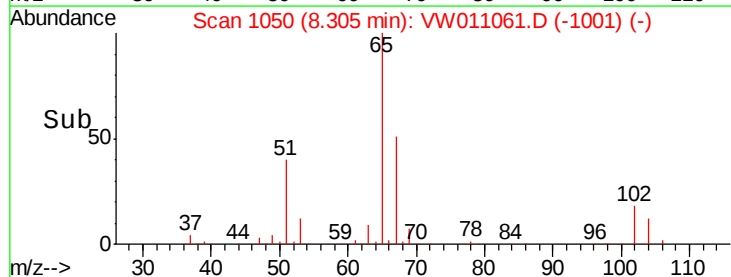
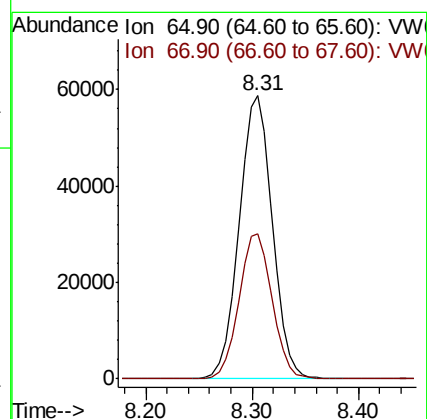
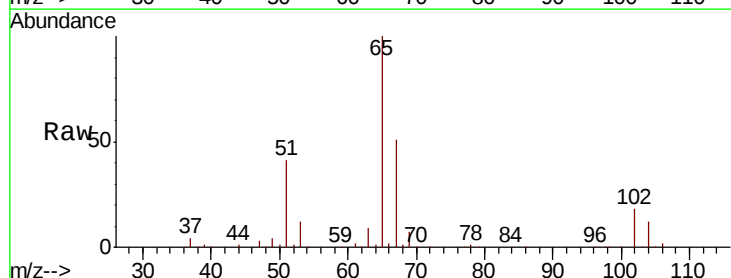
Instrument :
MSVOA_W
ClientSampleId :
TRIANGLE-AREA-SOIL-ARE

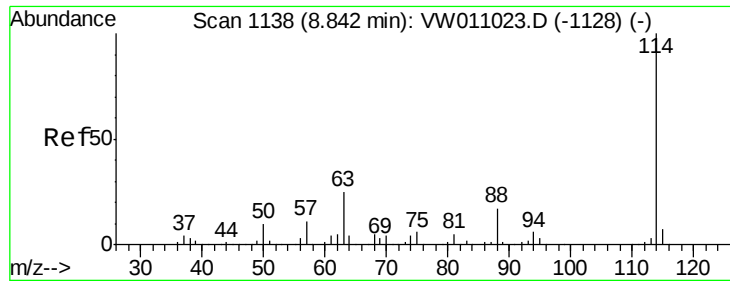
Tot Ion: 56 Resp: 5061
Ion Ratio Lower Upper
56 100
69 163.7 24.2 36.2#
84 108.1 60.6 90.8#



#33
1,2-Dichloroethane-d4
Concen: 53.119 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011061.D
Acq: 28 Jun 2019 15:10

Tgt Ion: 65 Resp: 128430
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.4

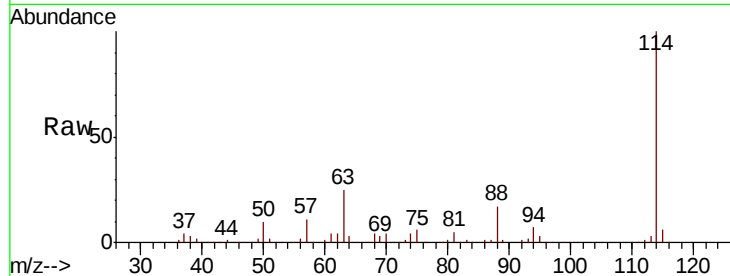




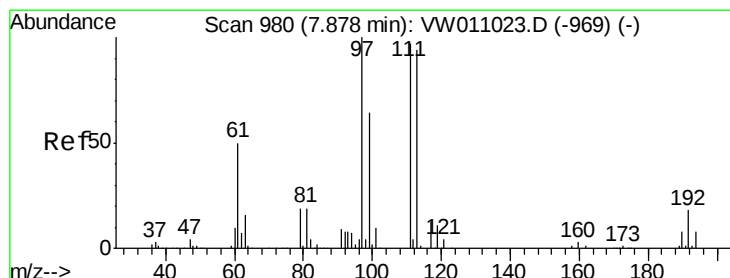
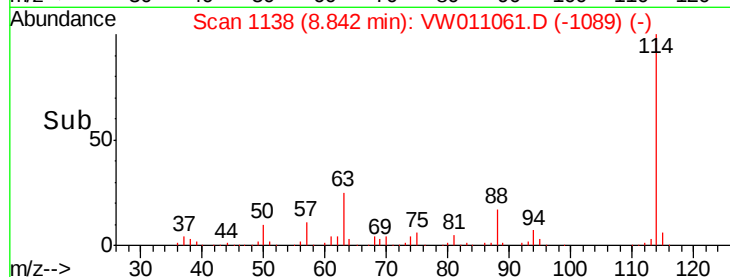
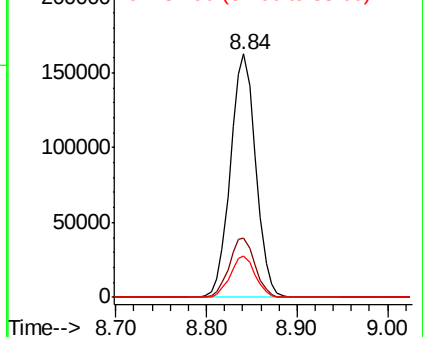
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011061.D
Acq: 28 Jun 2019 15:10

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

Tot Ion:114 Resp: 317722
Ion Ratio Lower Upper
114 100
63 24.6 0.0 50.6
88 16.8 0.0 34.0

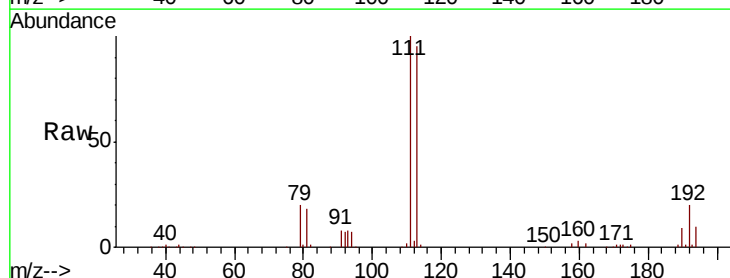


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

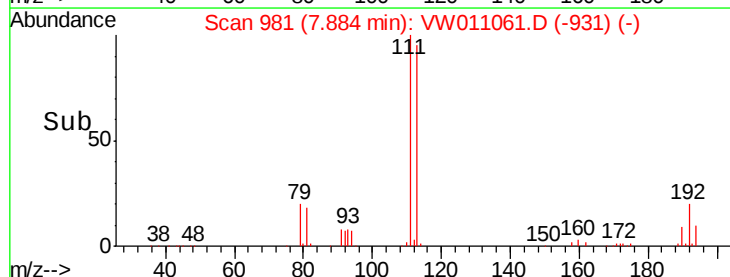
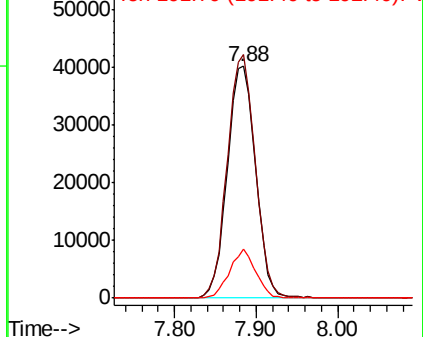


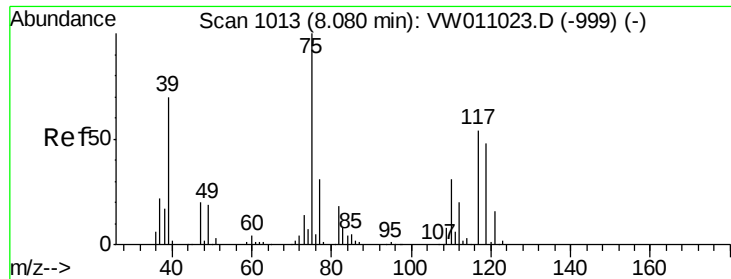
#35
Dibromofluoromethane
Concen: 49.422 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW011061.D
Acq: 28 Jun 2019 15:10

Tgt Ion:113 Resp: 95886
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 19.4 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

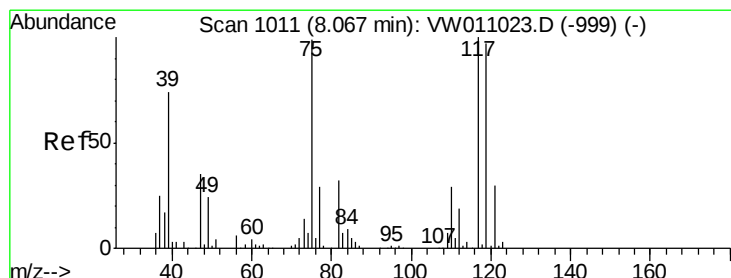
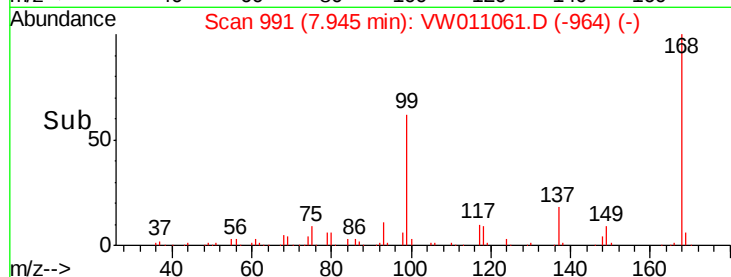
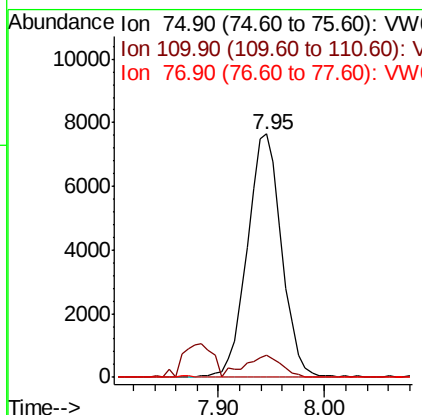
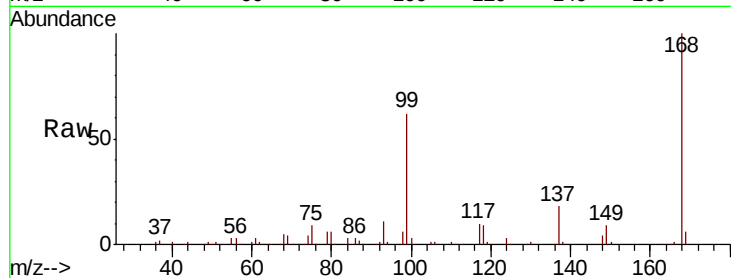




#36
 1,1-Dichloropropene
 Concen: 5.068 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011061.D
 Acq: 28 Jun 2019 15:10

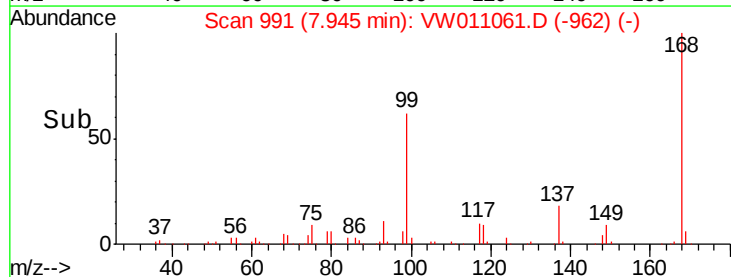
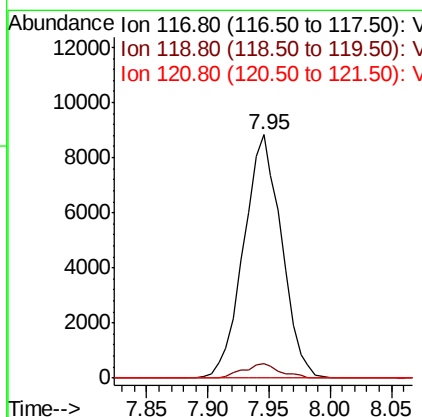
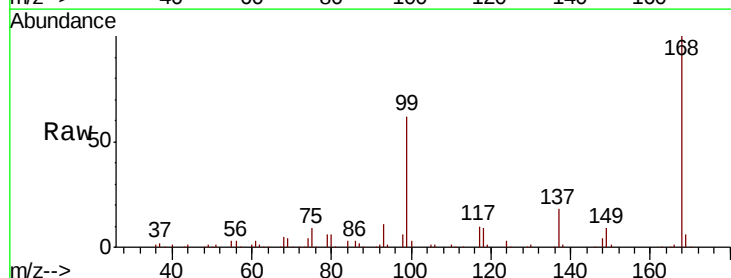
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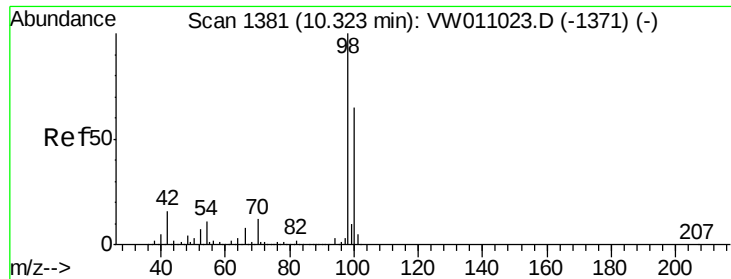
Tot Ion: 75 Resp: 17307
 Ion Ratio Lower Upper
 75 100
 110 8.6 15.5 46.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.779 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011061.D
 Acq: 28 Jun 2019 15:10

Tgt Ion: 117 Resp: 19065
 Ion Ratio Lower Upper
 117 100
 119 5.9 77.7 116.5#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 48.390 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011061.D

Acq: 28 Jun 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

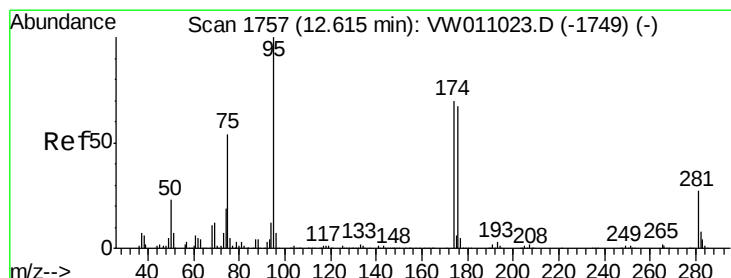
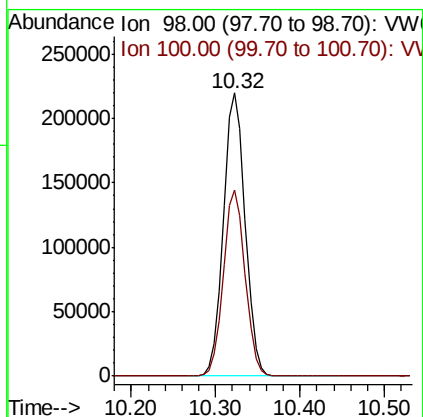
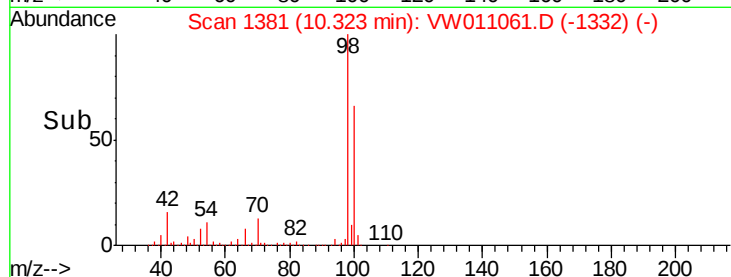
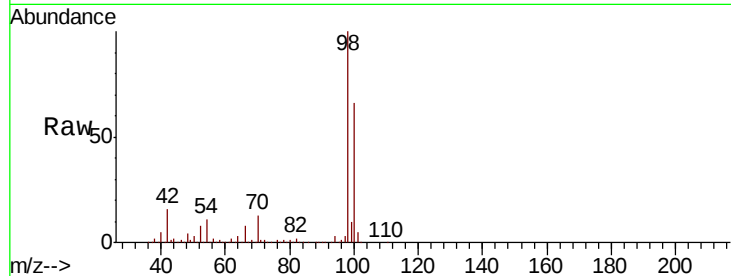
TRIANGLE-AREA-SOIL-ARE

Tot Ion: 98 Resp: 386449

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 35.317 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011061.D

Acq: 28 Jun 2019 15:10

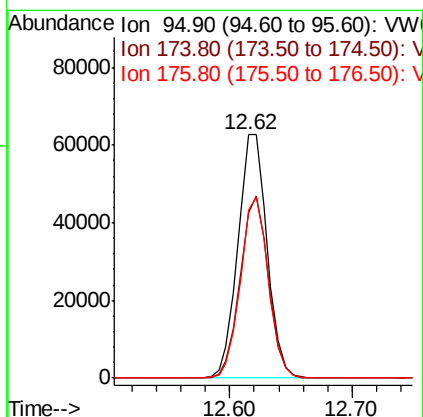
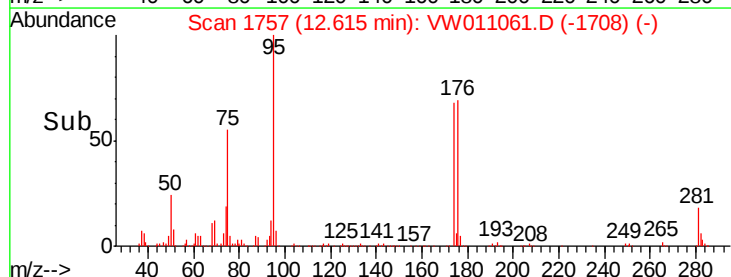
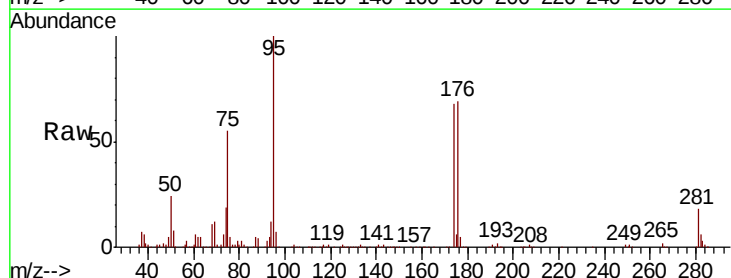
Tgt Ion: 95 Resp: 103159

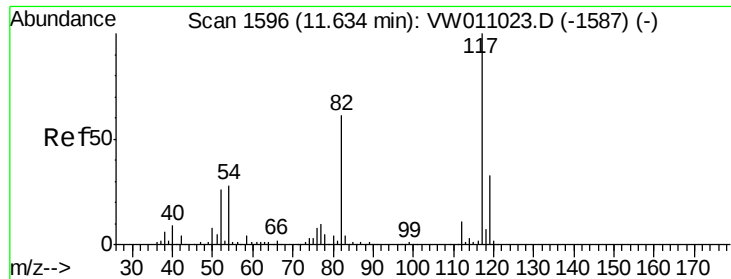
Ion Ratio Lower Upper

95 100

174 72.8 0.0 149.2

176 71.4 0.0 143.6

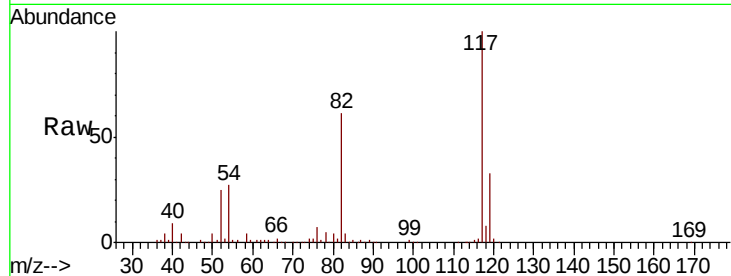




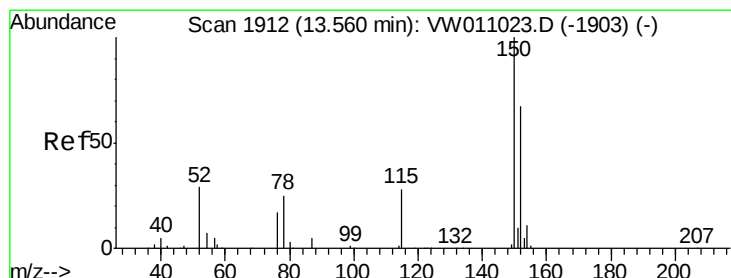
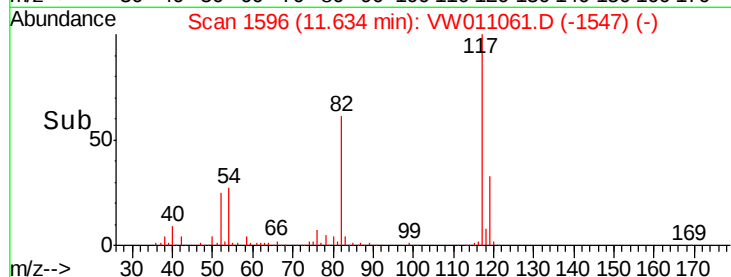
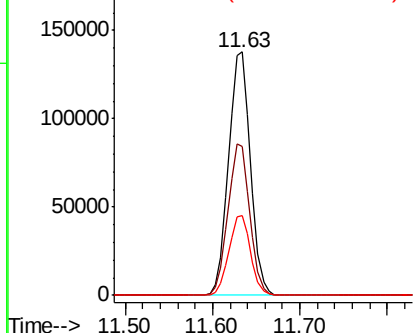
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011061.D
Acq: 28 Jun 2019 15:10

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

Tot Ion:117 Resp: 240151
Ion Ratio Lower Upper
117 100
82 61.2 48.6 73.0
119 32.9 26.1 39.1

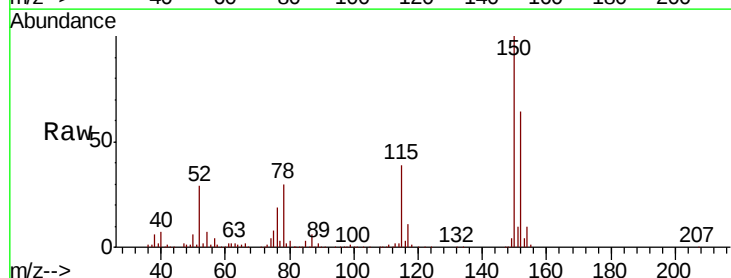


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

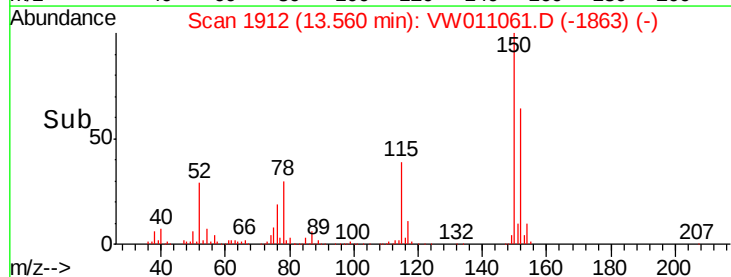
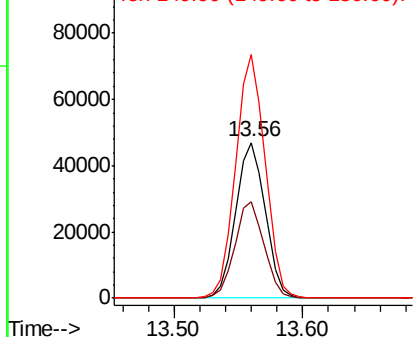


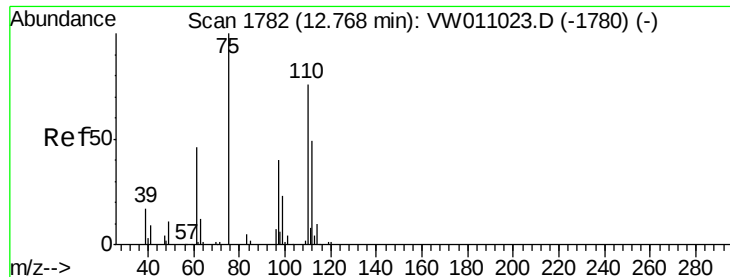
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011061.D
Acq: 28 Jun 2019 15:10

Tgt Ion:152 Resp: 74551
Ion Ratio Lower Upper
152 100
115 61.3 30.7 92.1
150 156.4 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: 71.314 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011061.D

Acq: 28 Jun 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

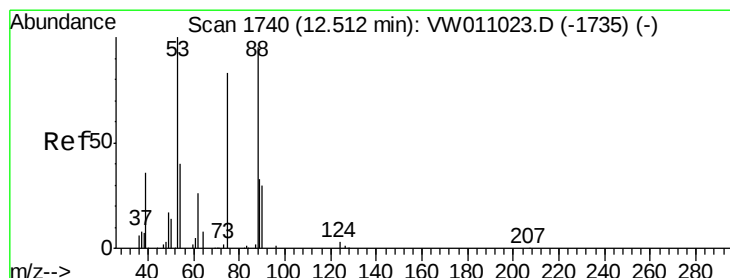
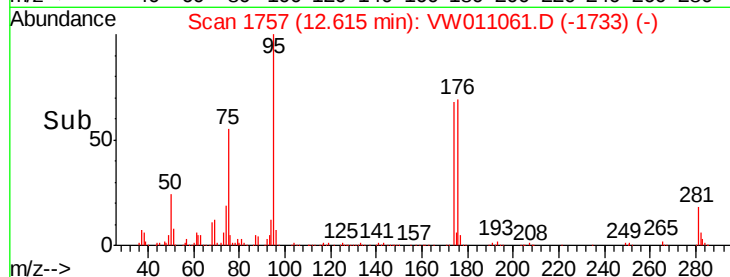
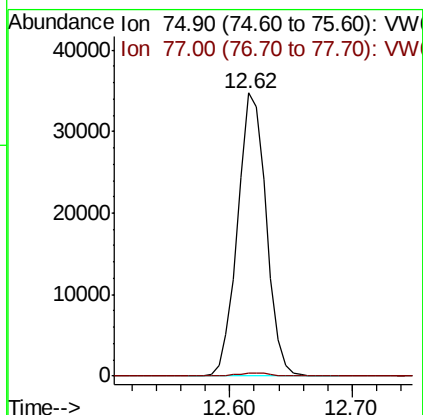
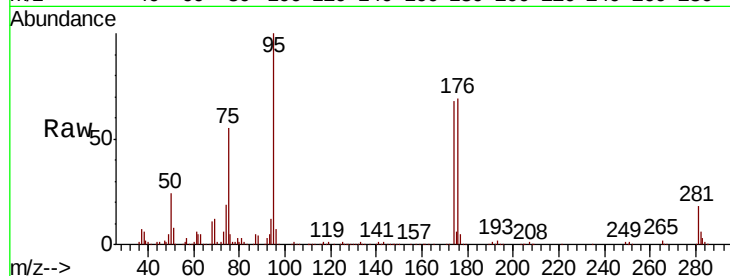
TRIANGLE-AREA-SOIL-ARE

Tot Ion: 75 Resp: 56129

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.390 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011061.D

Acq: 28 Jun 2019 15:10

Tgt Ion: 75 Resp: 56129

Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.0 34.4 51.6#

