

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006219.D
 Acq On : 19 Oct 2018 12:06
 Operator : VA/AP
 Sample : J5590-05RE
 Misc : 6.92G/5ML/MSVOA_W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-2

Quant Time: Oct 19 12:47:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	125430	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97967	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	7.89	113	99415	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.33	98	362271	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
62) 4-Bromofluorobenzene	12.62	95	115916	39.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.94%	

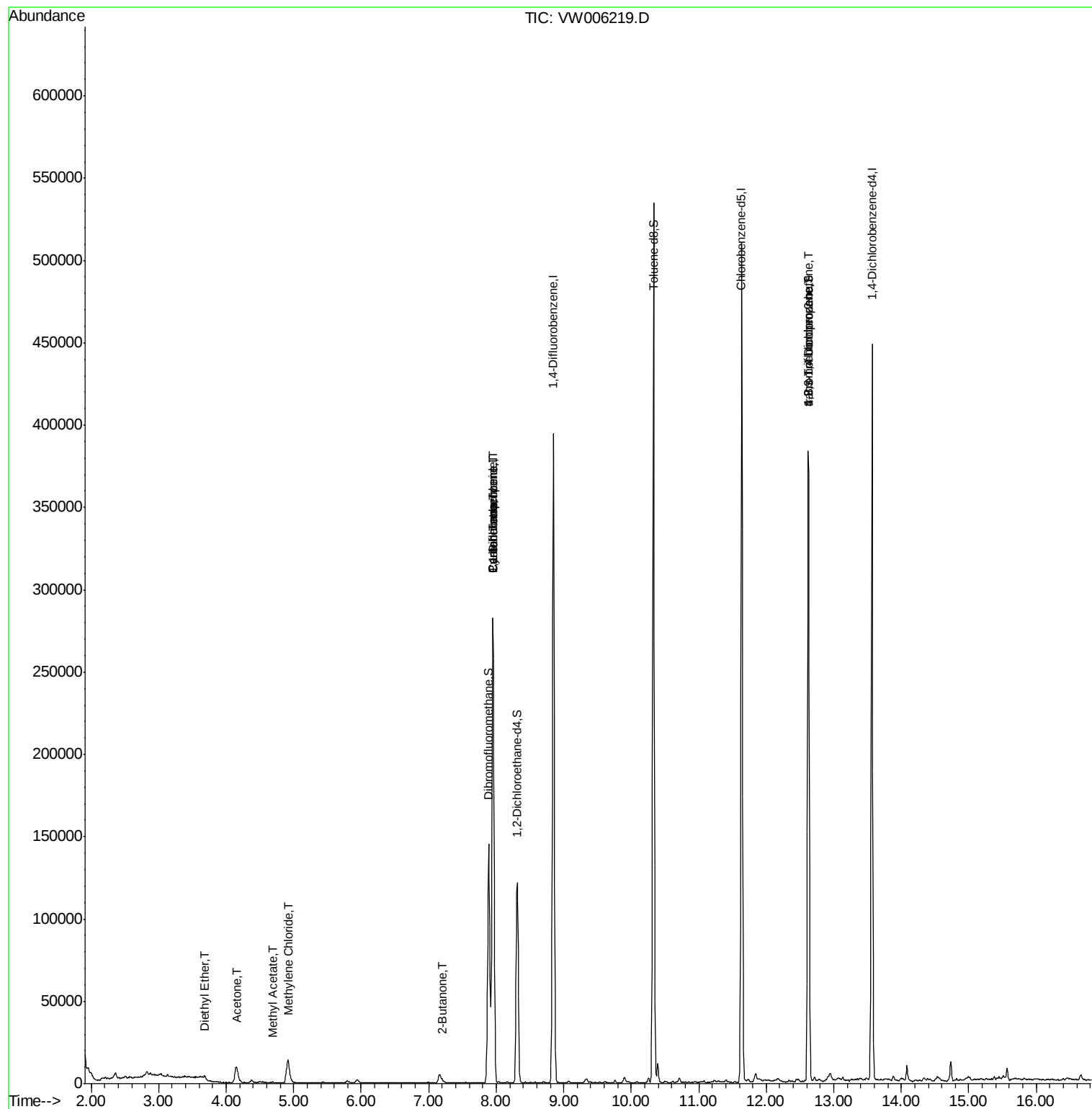
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1711	1.68	ug/l #	1
16) Acetone	4.15	43	20776	47.04	ug/l	97
18) Methyl Acetate	4.69	43	1044	1.11	ug/l #	71
20) Methylene Chloride	4.92	84	11461	4.29	ug/l	99
25) 2-Butanone	7.20	43	2687	5.30	ug/l	99
31) Cyclohexane	7.95	56	4585	1.34	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	14908	4.65	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20211	5.75	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	59434	62.04	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59434	148.29	ug/l #	10

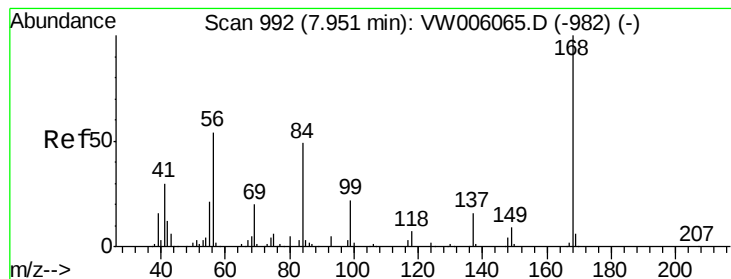
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
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Quant Time: Oct 19 12:47:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006219.D

Acq: 19 Oct 2018 12:06

Instrument :

MSVOA_W

ClientSampled :

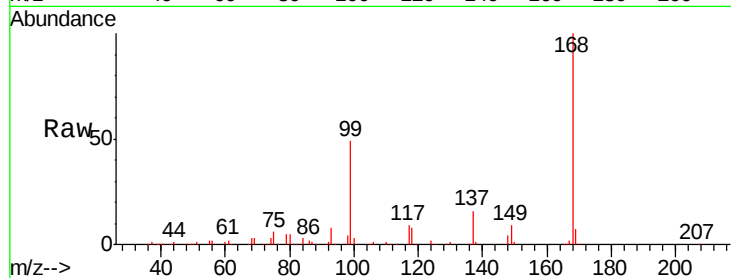
LS-SOIL-2

Tgt Ion:168 Resp: 226174

Ion Ratio Lower Upper

168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

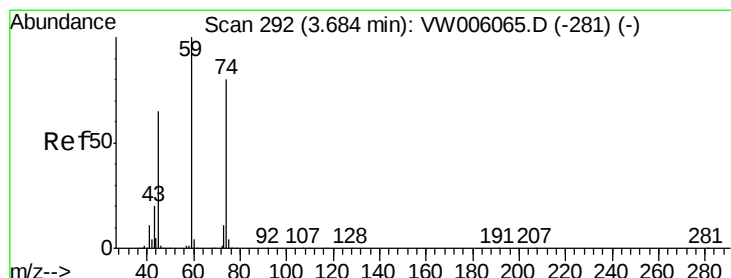
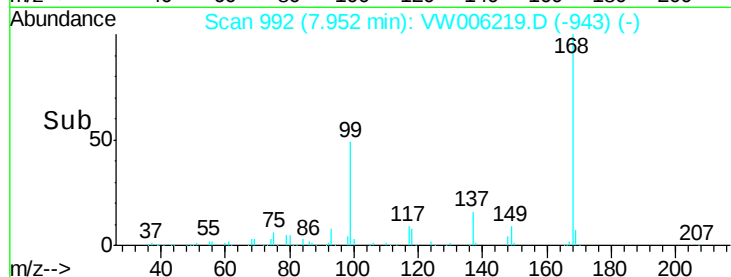
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.68 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006219.D

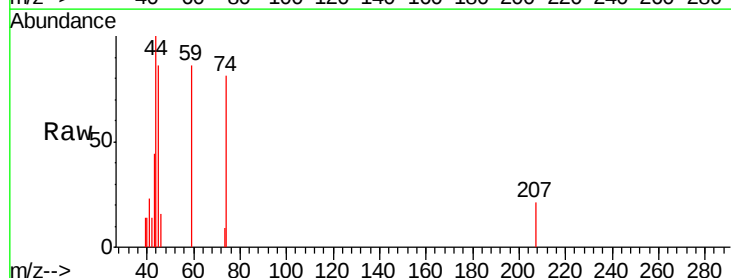
Acq: 19 Oct 2018 12:06

Tgt Ion: 74 Resp: 1711

Ion Ratio Lower Upper

74 100

45 178.0 42.8 128.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

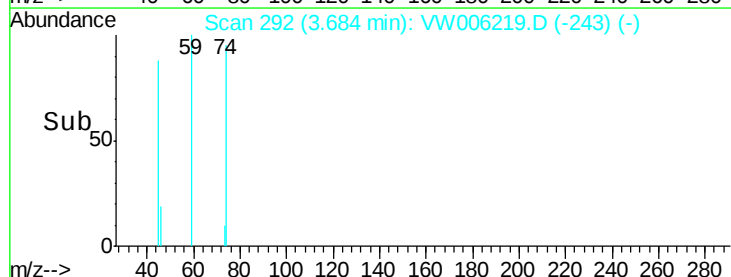
600

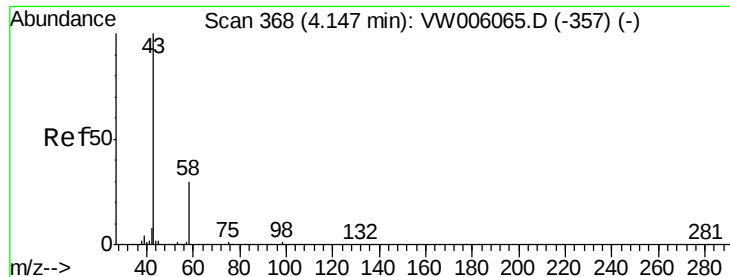
400

200

0

Time-->





#16

Acetone

Concen: 47.04 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006219.D

Acq: 19 Oct 2018 12:06

Instrument :

MSVOA_W

ClientSampled :

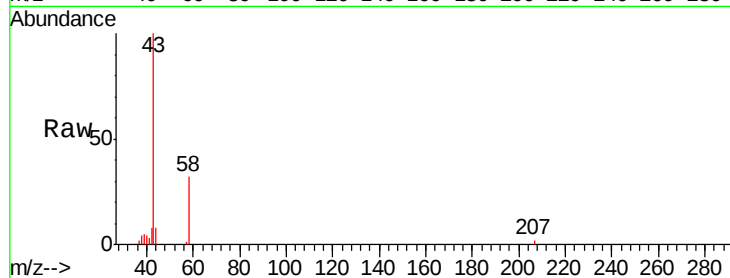
LS-SOIL-2

Tgt Ion: 43 Resp: 20776

Ion Ratio Lower Upper

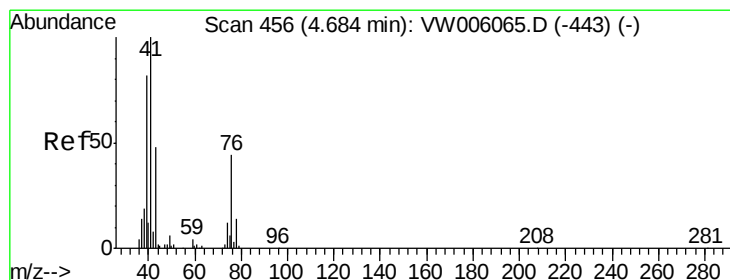
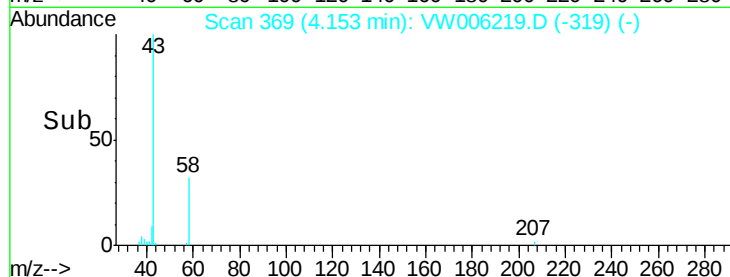
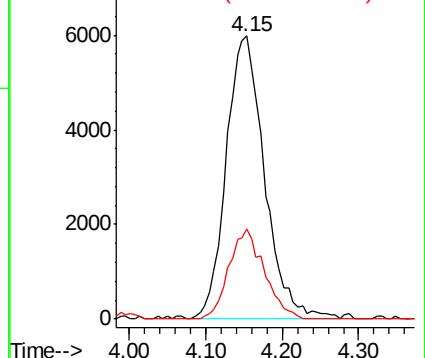
43 100

58 31.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.11 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW006219.D

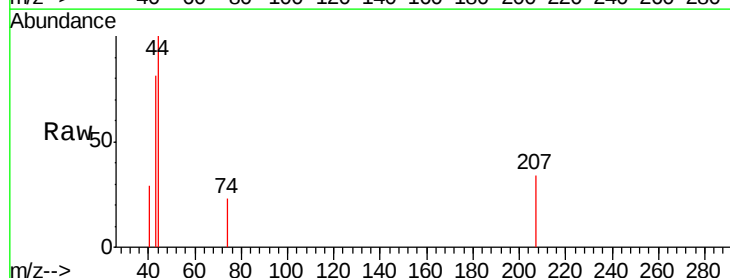
Acq: 19 Oct 2018 12:06

Tgt Ion: 43 Resp: 1044

Ion Ratio Lower Upper

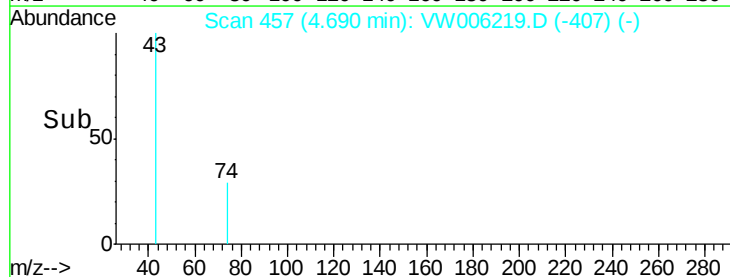
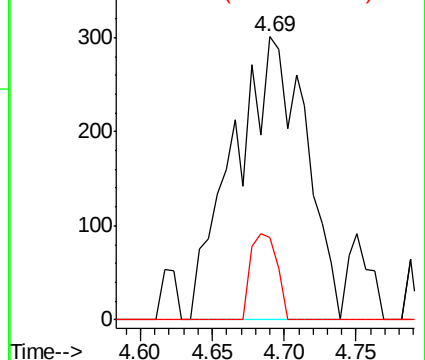
43 100

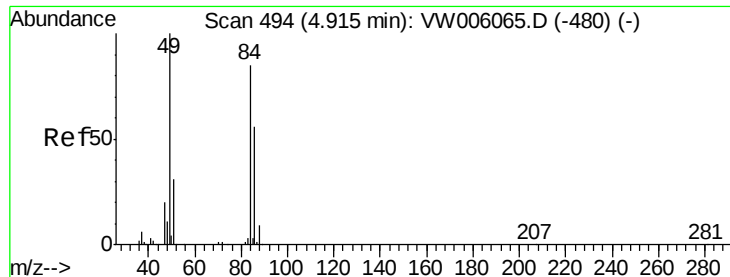
74 10.9 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methylene Chloride

Concen: 4.29 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006219.D

Acq: 19 Oct 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

LS-SOIL-2

Tgt Ion: 84 Resp: 11461

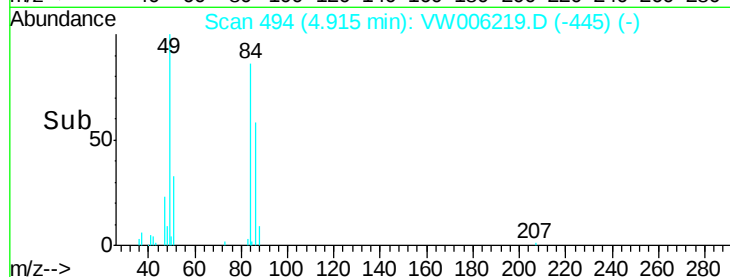
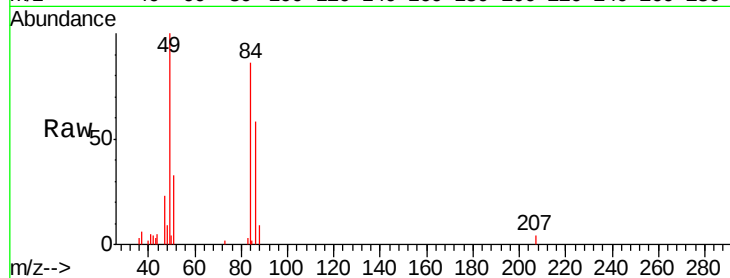
Ion Ratio Lower Upper

84 100

49 116.1 93.6 140.4

51 38.3 29.0 43.4

86 67.0 52.6 79.0

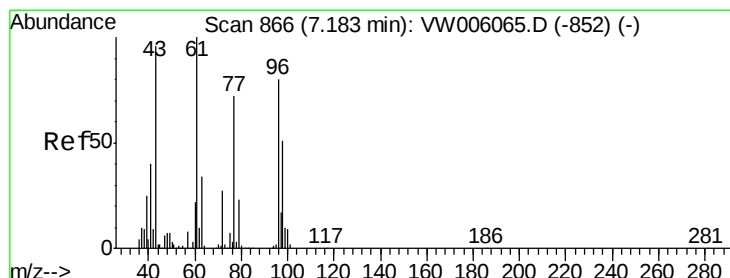
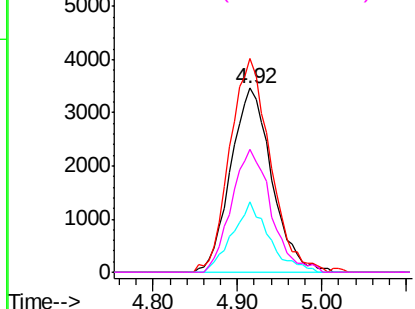


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 5.30 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.01 min

Lab File: VW006219.D

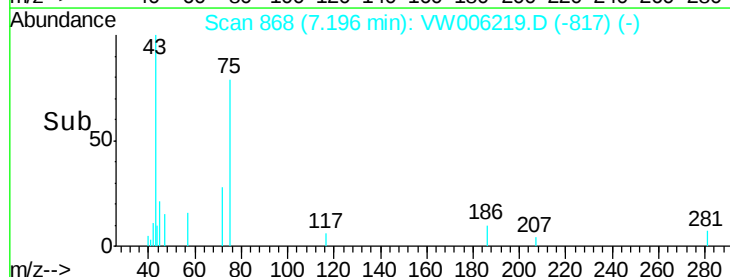
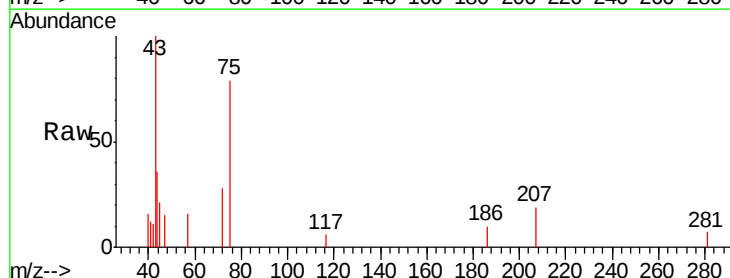
Acq: 19 Oct 2018 12:06

Tgt Ion: 43 Resp: 2687

Ion Ratio Lower Upper

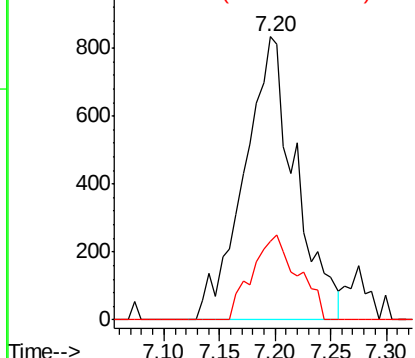
43 100

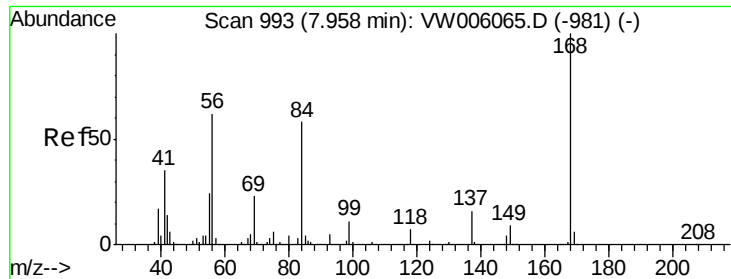
72 27.9 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

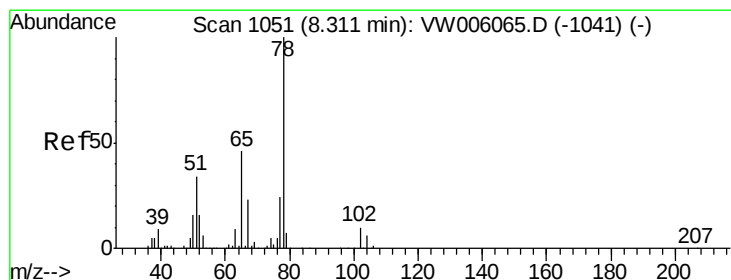
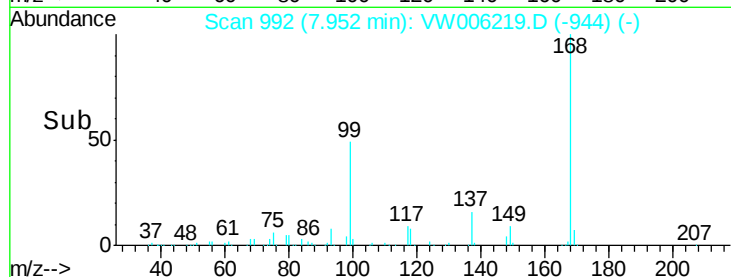
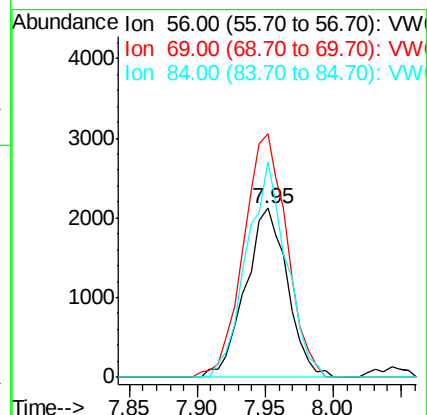
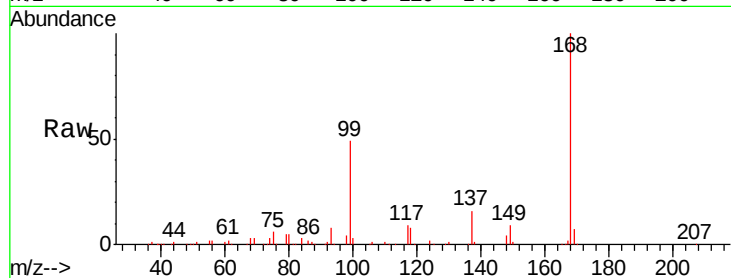




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006219.D
Acq: 19 Oct 2018 12:06

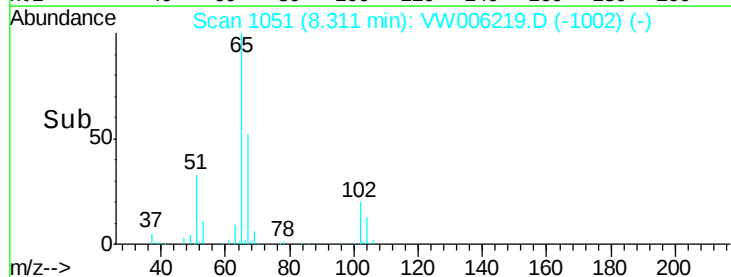
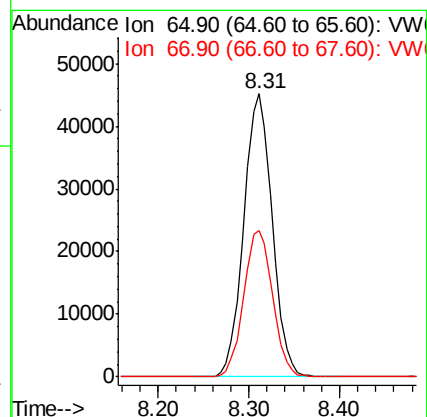
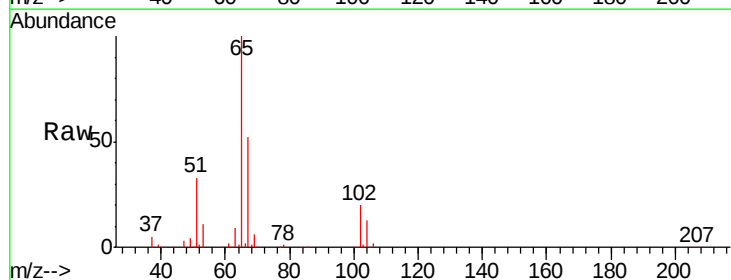
Instrument :
MSVOA_W
ClientSampleId :
LS-SOIL-2

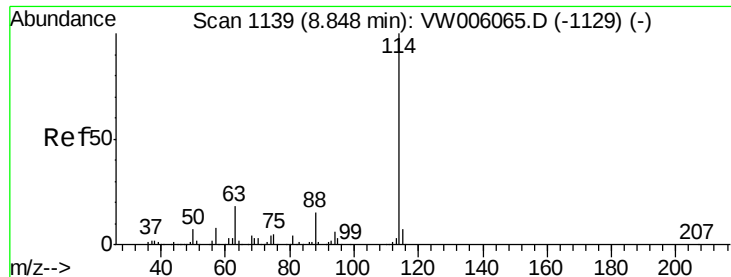
Tgt Ion: 56 Resp: 4585
Ion Ratio Lower Upper
56 100
69 143.9 29.4 44.0#
84 127.7 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 52.25 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006219.D
Acq: 19 Oct 2018 12:06

Tgt Ion: 65 Resp: 97967
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.0

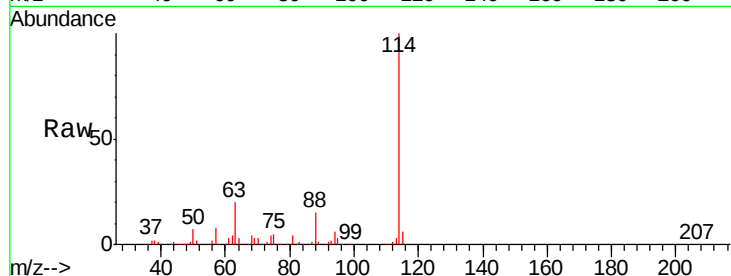




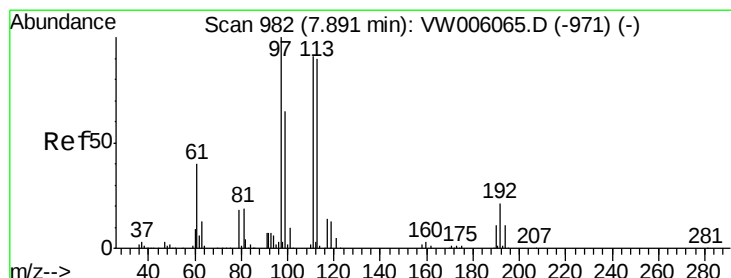
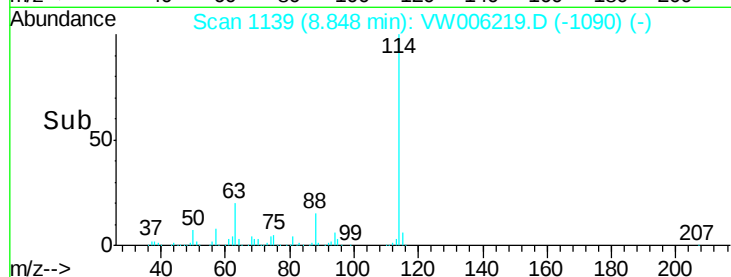
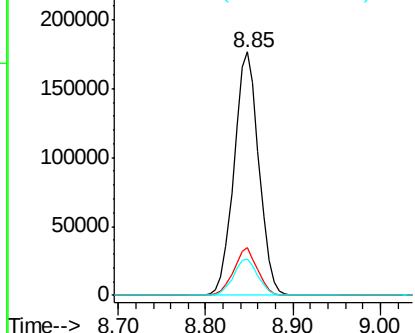
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006219.D
 Acq: 19 Oct 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-2

Tgt Ion:114 Resp: 347796
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 36.8
 88 14.9 0.0 29.0

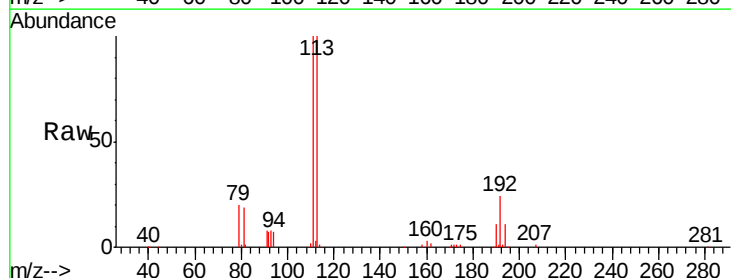


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

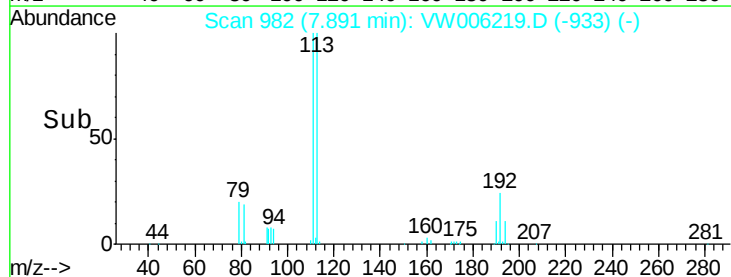
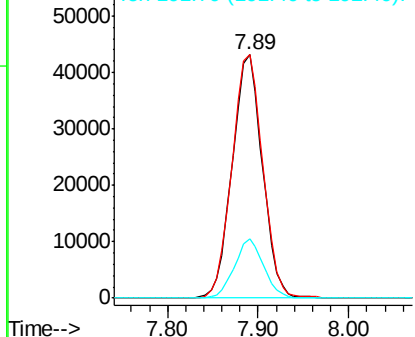


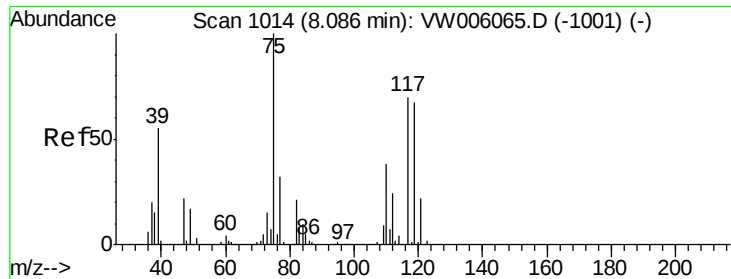
#35
 Dibromofluoromethane
 Concen: 48.37 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006219.D
 Acq: 19 Oct 2018 12:06

Tgt Ion:113 Resp: 99415
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 23.4 18.7 28.1



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: 4.65 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006219.D

Acq: 19 Oct 2018 12:06

Instrument :

MSVOA_W

ClientSampled :

LS-SOIL-2

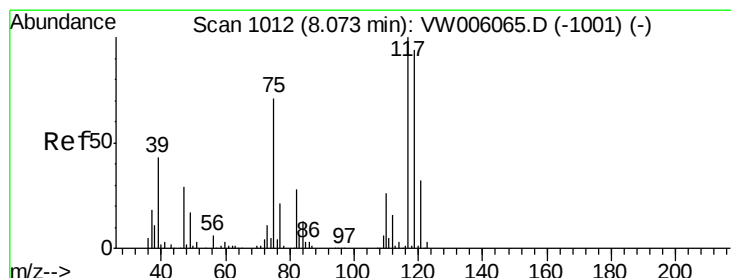
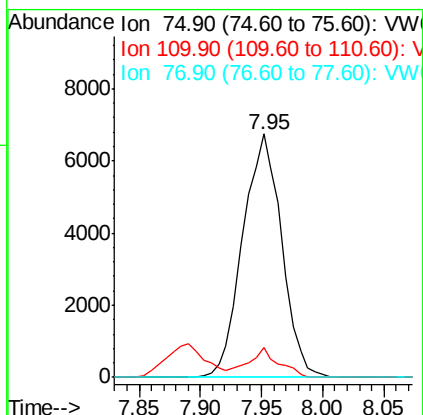
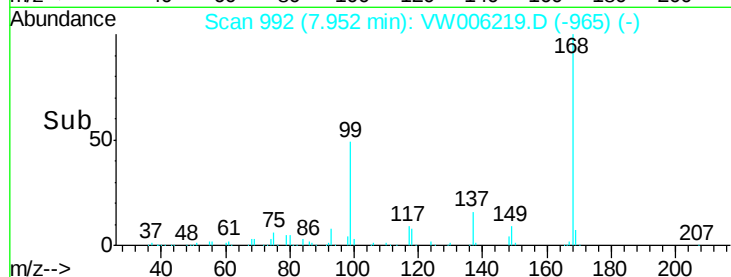
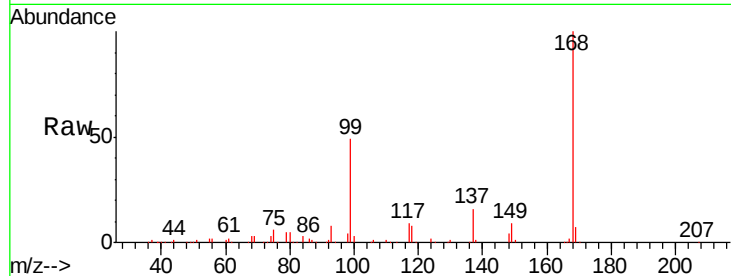
Tgt Ion: 75 Resp: 14908

Ion Ratio Lower Upper

75 100

110 9.6 19.1 57.1#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.75 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006219.D

Acq: 19 Oct 2018 12:06

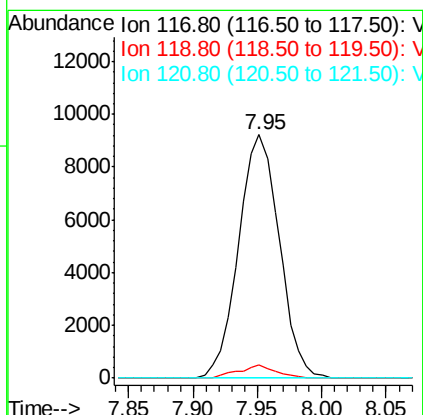
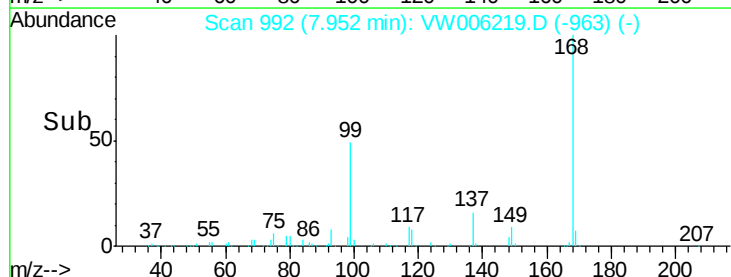
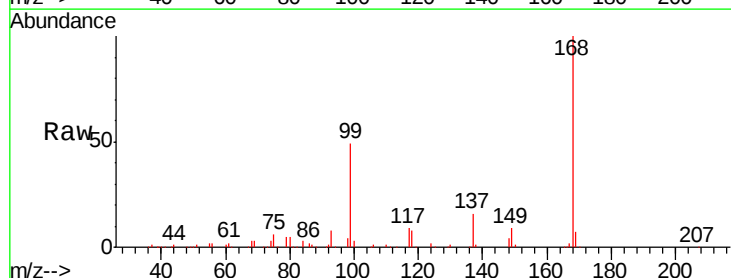
Tgt Ion: 117 Resp: 20211

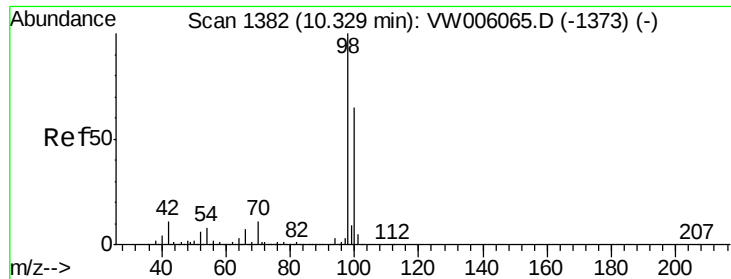
Ion Ratio Lower Upper

117 100

119 5.5 75.2 112.8#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 46.33 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006219.D

Acq: 19 Oct 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

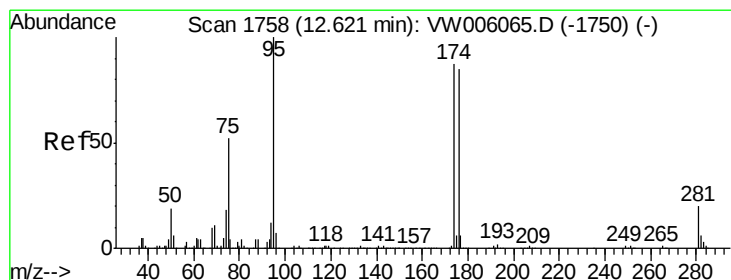
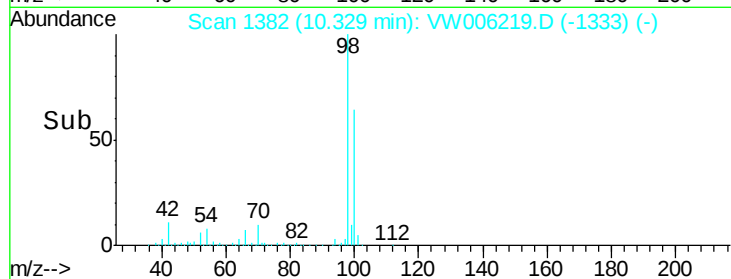
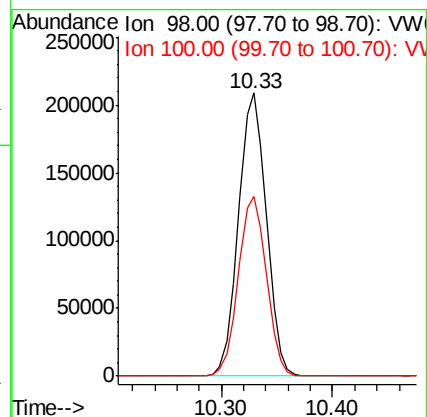
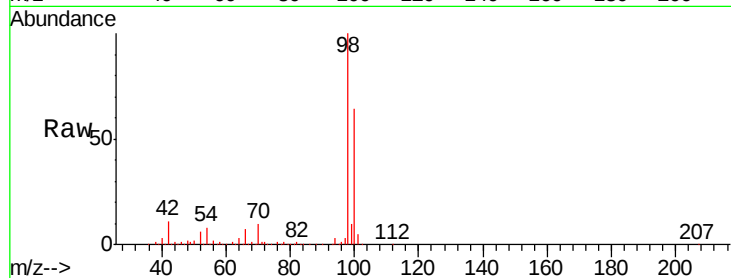
LS-SOIL-2

Tgt Ion: 98 Resp: 362271

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 39.47 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006219.D

Acq: 19 Oct 2018 12:06

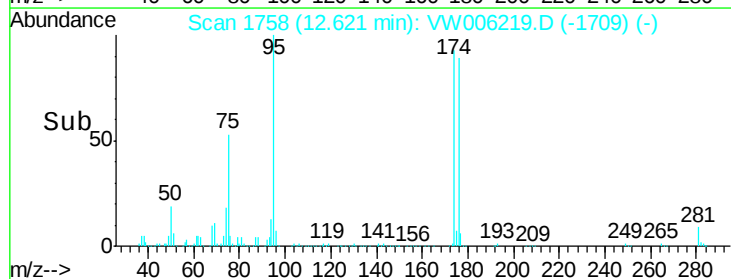
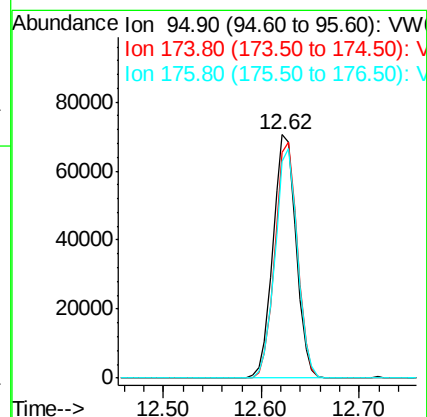
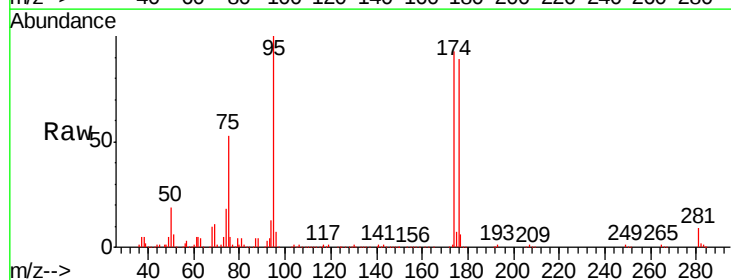
Tgt Ion: 95 Resp: 115916

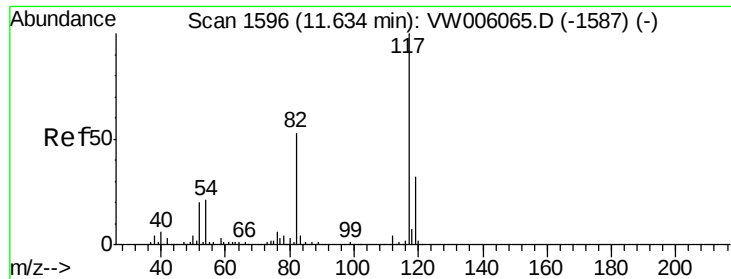
Ion Ratio Lower Upper

95 100

174 93.9 0.0 186.0

176 91.5 0.0 181.6

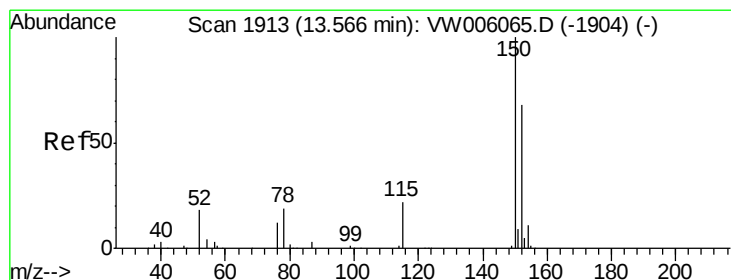
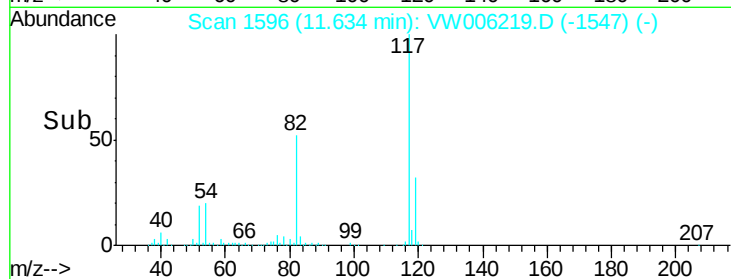
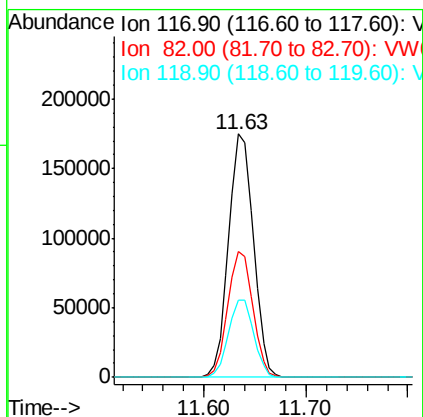
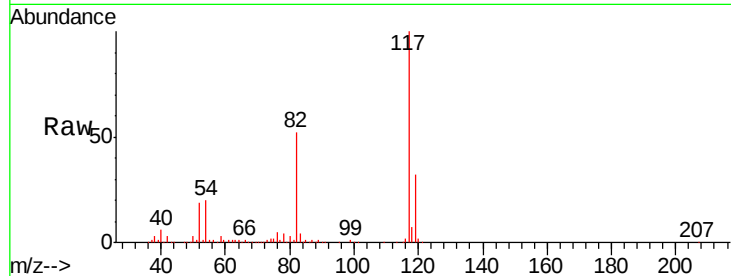




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006219.D
Acq: 19 Oct 2018 12:06

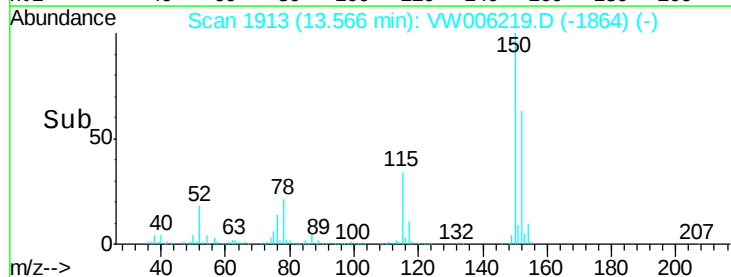
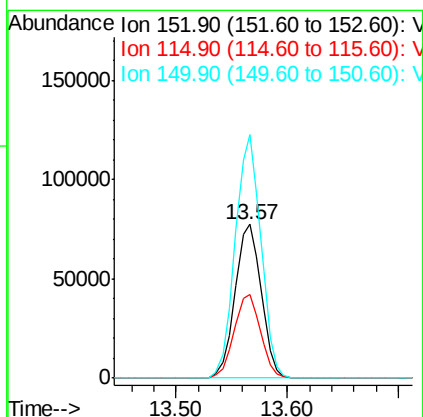
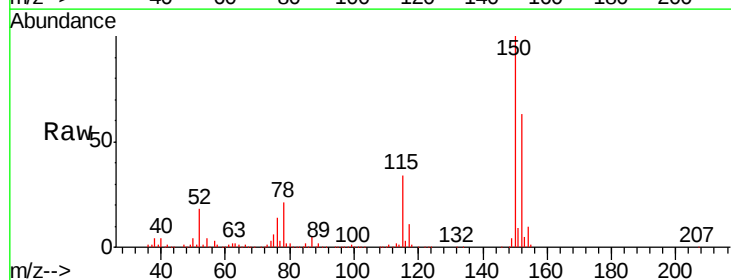
Instrument :
MSVOA_W
ClientSampleId :
LS-SOIL-2

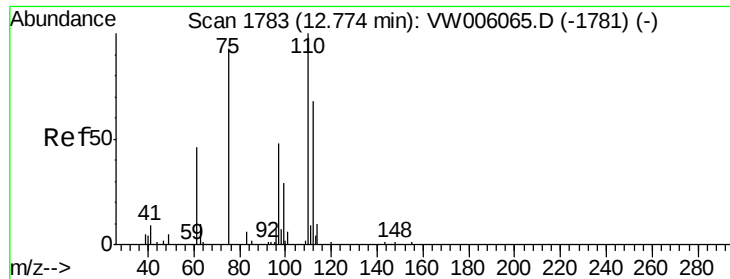
Tgt Ion:117 Resp: 294862
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006219.D
Acq: 19 Oct 2018 12:06

Tgt Ion:152 Resp: 125430
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.3
150 155.7 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 62.04 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006219.D

Acq: 19 Oct 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

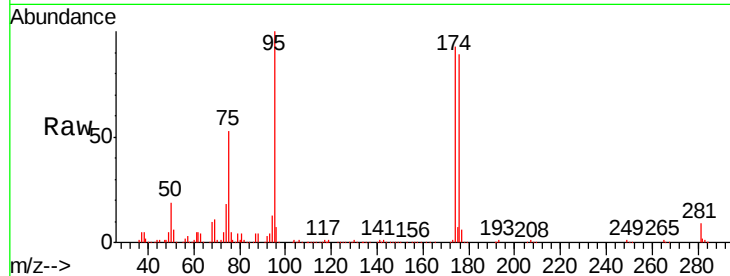
LS-SOIL-2

Tgt Ion: 75 Resp: 59434

Ion Ratio Lower Upper

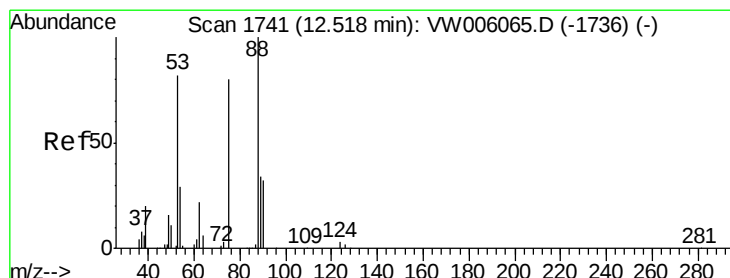
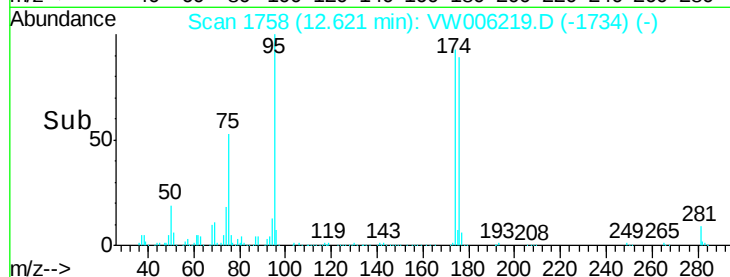
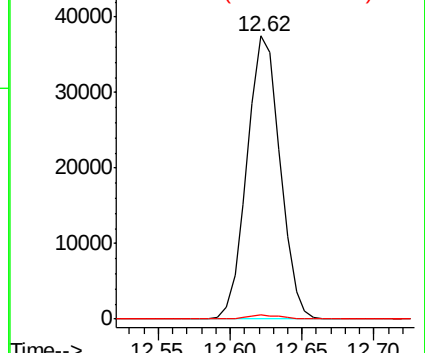
75 100

77 1.4 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: 148.29 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006219.D

Acq: 19 Oct 2018 12:06

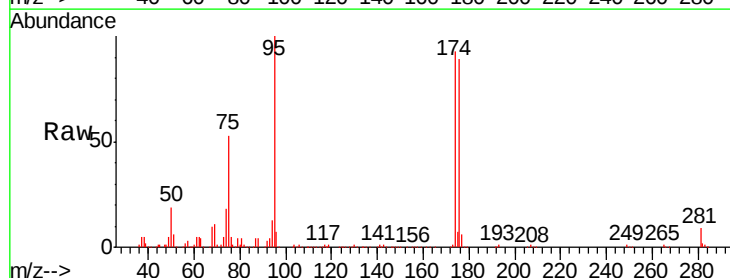
Tgt Ion: 75 Resp: 59434

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

