

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006202.D
 Acq On : 19 Oct 2018 04:46
 Operator : VA/AP
 Sample : J5590-01
 Misc : 6.81G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-1

Quant Time: Oct 19 06:09:31 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	145507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	229273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	204905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89345	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	81292	67.39	ug/l	0.00
Spiked Amount			Recovery	=	134.78%	
35) Dibromofluoromethane	7.88	113	73934	54.57	ug/l	0.00
Spiked Amount			Recovery	=	109.14%	
50) Toluene-d8	10.33	98	242931	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.62	95	84676	43.74	ug/l	0.00
Spiked Amount			Recovery	=	87.48%	

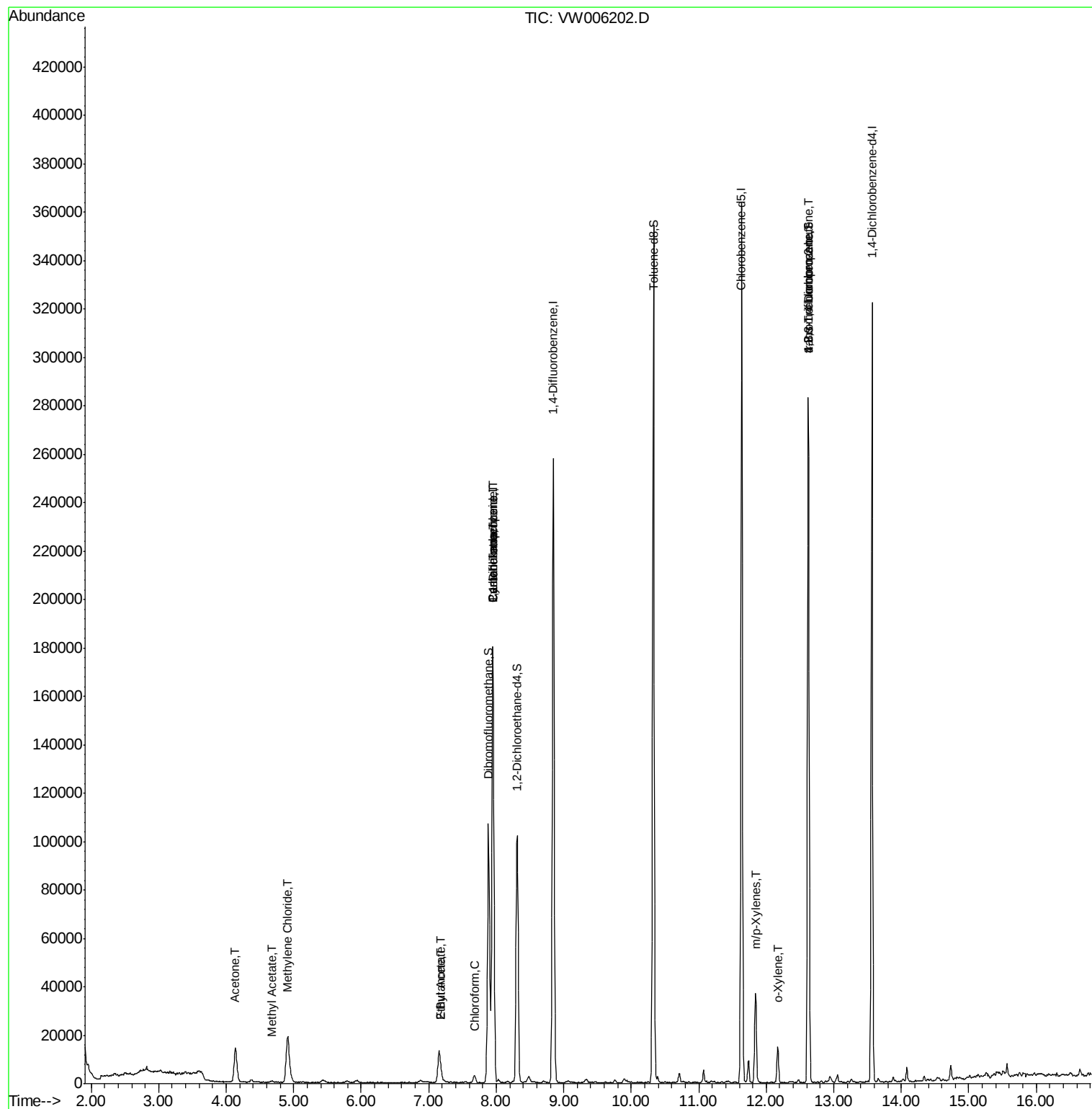
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	27262	112.306	ug/l	100
18) Methyl Acetate	4.67	43	1142	1.881	ug/l #	76
20) Methylene Chloride	4.92	84	16064	11.326	ug/l	95
25) 2-Butanone	7.18	43	3998	12.268	ug/l	90
30) Chloroform	7.68	83	2955	1.224	ug/l	97
31) Cyclohexane	7.95	56	2827	1.281	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	9571	4.529	ug/l #	49
37) Ethyl Acetate	7.18	43	3998	5.092	ug/l #	67
38) Carbon Tetrachloride	7.95	117	13006	5.614	ug/l #	16
68) m/p-Xylenes	11.84	106	11832	3.938	ug/l	99
69) o-Xylene	12.17	106	4124	1.440	ug/l	94
76) 1,2,3-Trichloropropane	12.62	75	43801	64.185	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43801	153.427	ug/l #	10

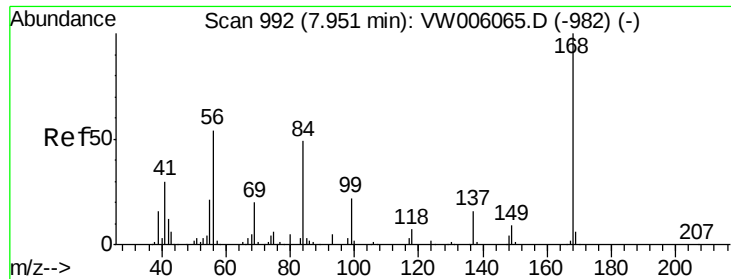
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101818\
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MSVOA_W
ClientSampleId :
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Quant Time: Oct 19 06:09:31 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: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006202.D

Acq: 19 Oct 2018 04:46

Instrument :

MSVOA_W

ClientSampleId :

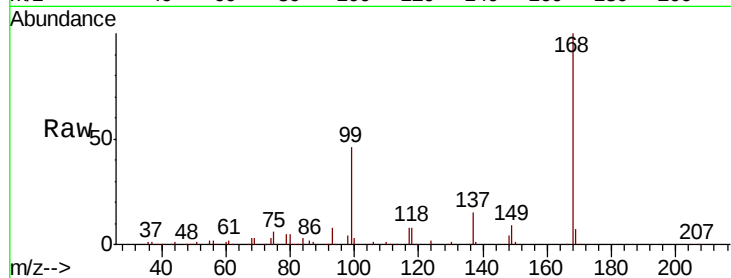
LS-SOIL-1

Tot Ion:168 Resp: 145507

Ion Ratio Lower Upper

168 100

99 46.4 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

80000

60000

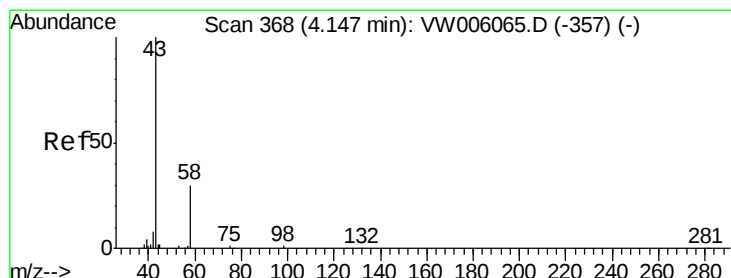
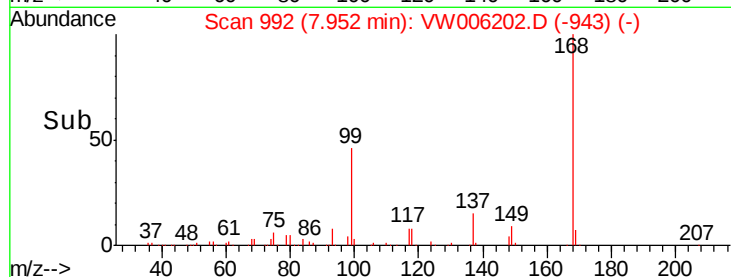
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 112.306 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006202.D

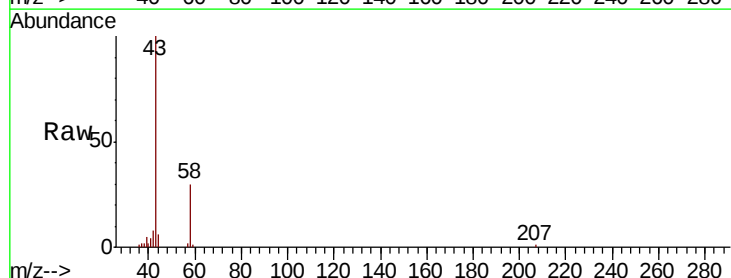
Acq: 19 Oct 2018 04:46

Tgt Ion: 43 Resp: 27262

Ion Ratio Lower Upper

43 100

58 29.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

6000

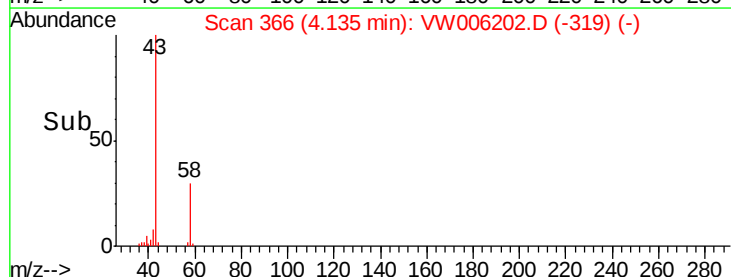
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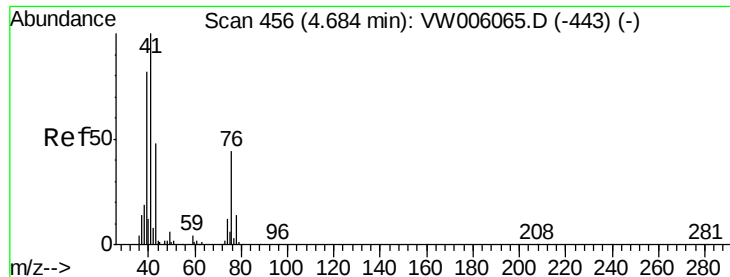
2000

0

4.00 4.10 4.20 4.30

Time-->

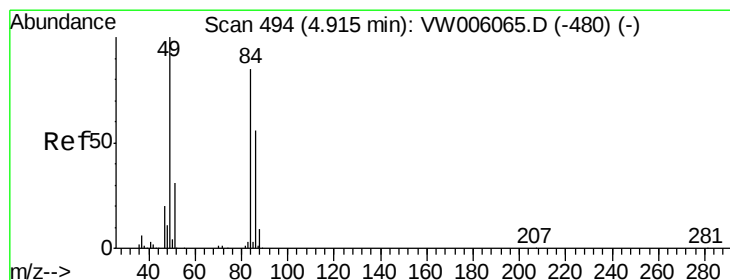
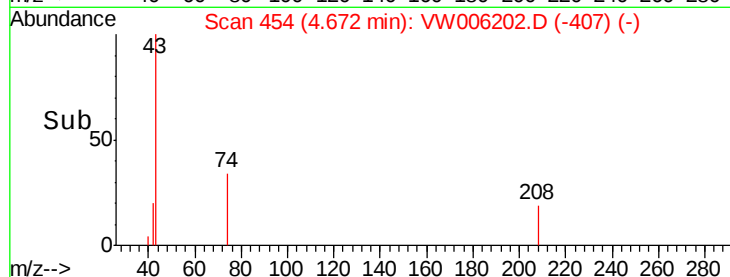
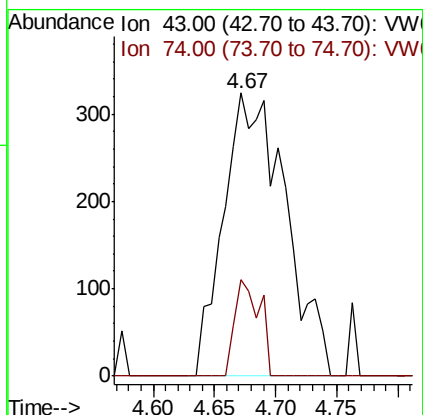
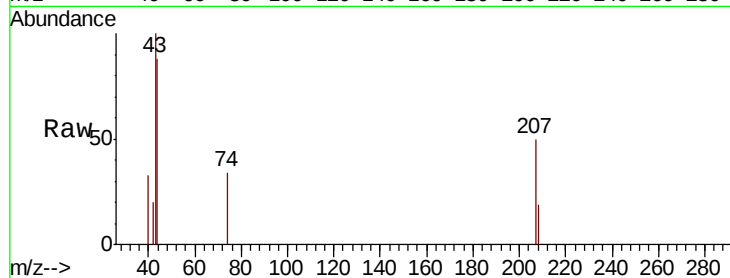




#18
Methvl Acetate
Concen: 1.881 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

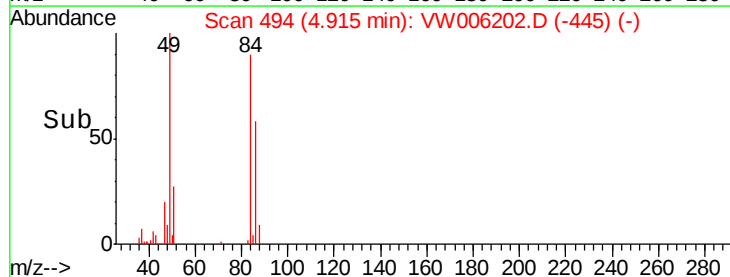
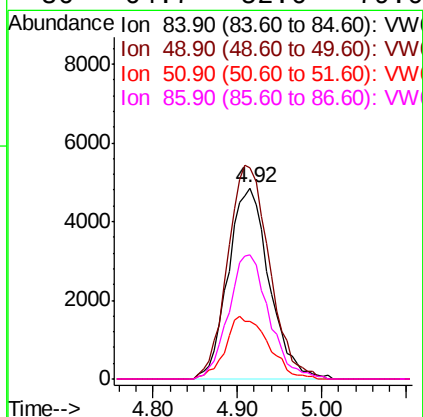
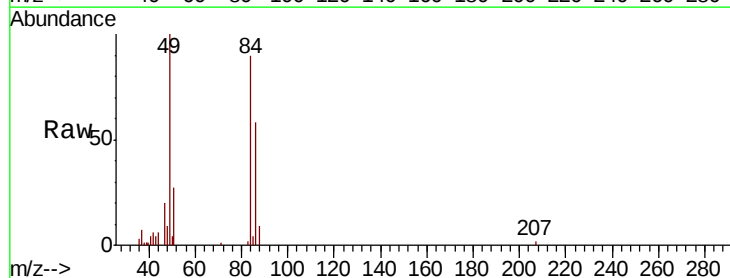
Instrument :
MSVOA_W
ClientSampleId :
LS-SOIL-1

Tot Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
74 13.5 20.5 30.7#



#20
Methylene Chloride
Concen: 11.326 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

Tgt Ion: 84 Resp: 16064
Ion Ratio Lower Upper
84 100
49 110.9 93.6 140.4
51 30.2 29.0 43.4
86 64.7 52.6 79.0





#25

2-Butanone

Concen: 12.268 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006202.D

Acq: 19 Oct 2018 04:46

Instrument :

MSVOA_W

ClientSampleId :

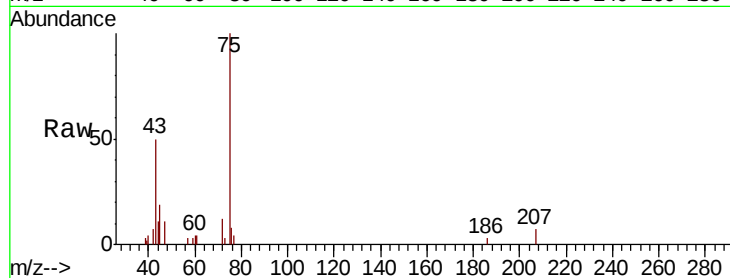
LS-SOIL-1

Tot Ion: 43 Resp: 3998

Ion Ratio Lower Upper

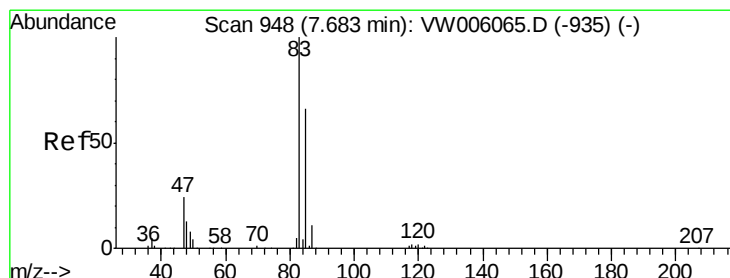
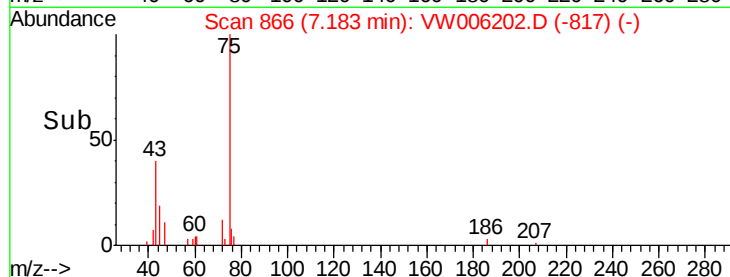
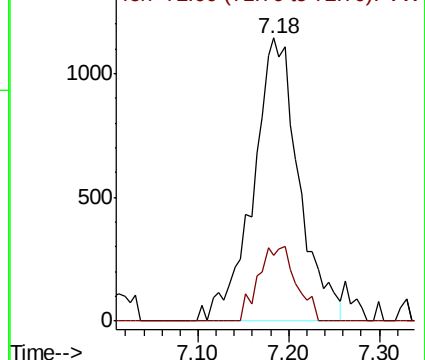
43 100

72 23.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#30

Chloroform

Concen: 1.224 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006202.D

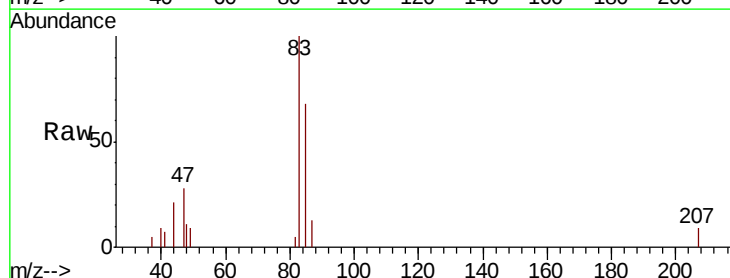
Acq: 19 Oct 2018 04:46

Tgt Ion: 83 Resp: 2955

Ion Ratio Lower Upper

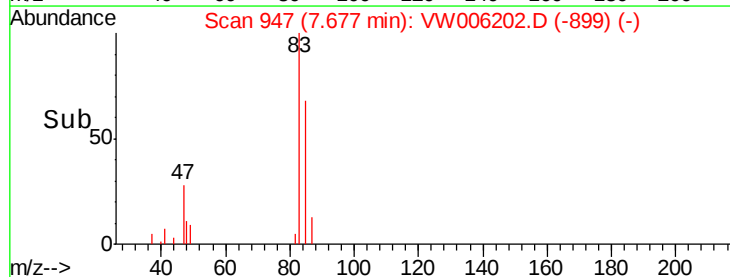
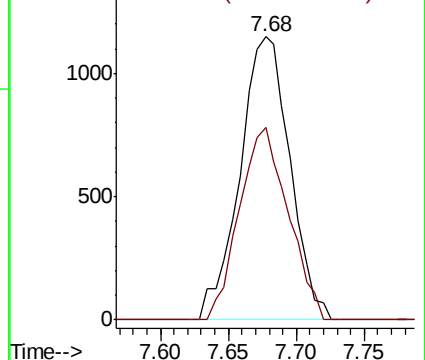
83 100

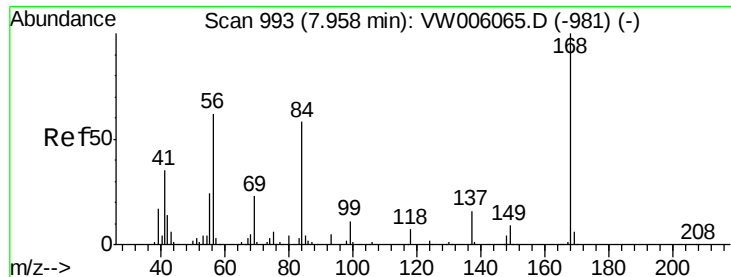
85 67.9 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

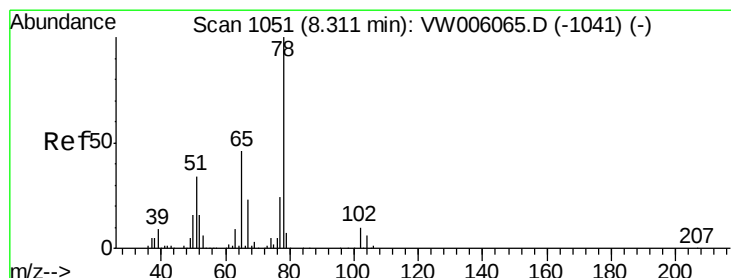
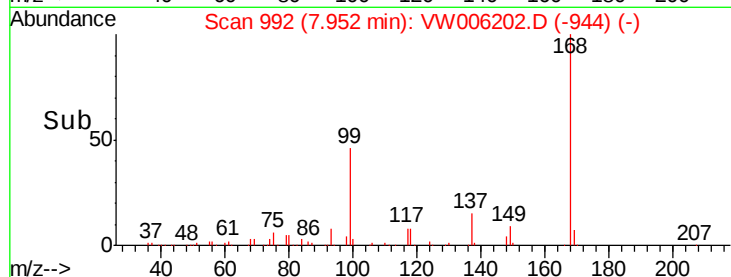
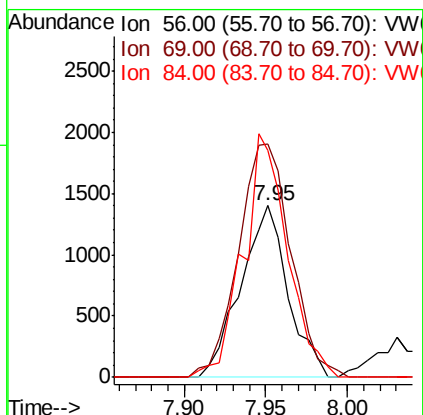
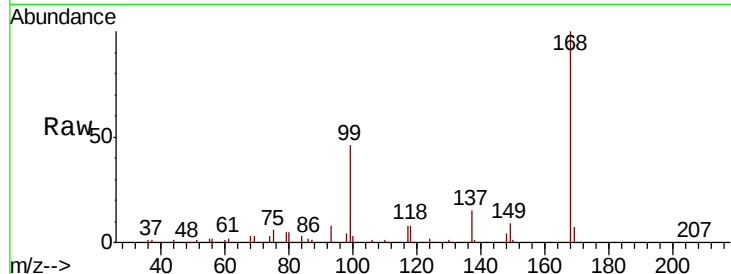




#31
Cyclohexane
Concen: 1.281 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

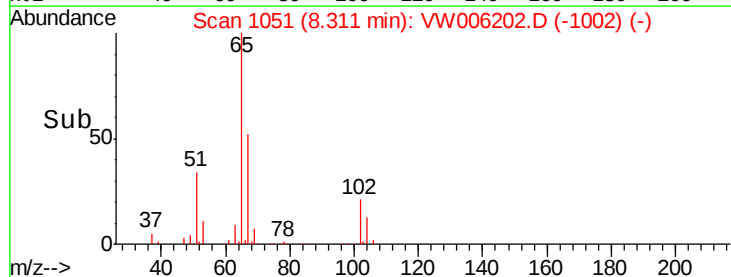
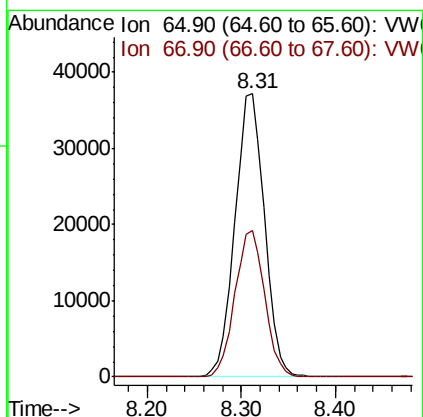
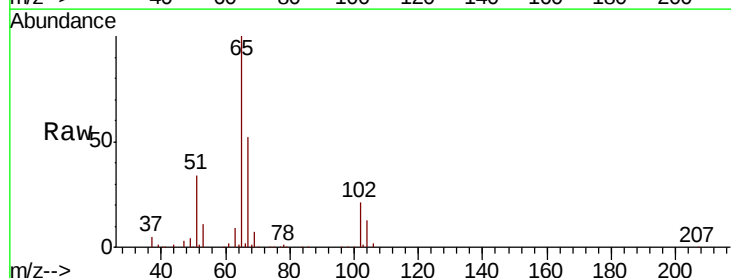
Instrument :
MSVOA_W
ClientSampled :
LS-SOIL-1

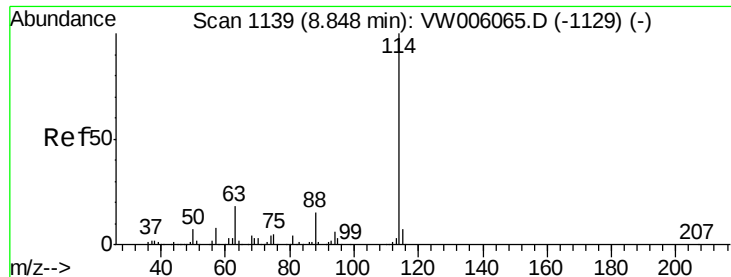
Tot Ion: 56 Resp: 2827
Ion Ratio Lower Upper
56 100
69 136.1 29.4 44.0#
84 132.3 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 67.388 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

Tgt Ion: 65 Resp: 81292
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.0

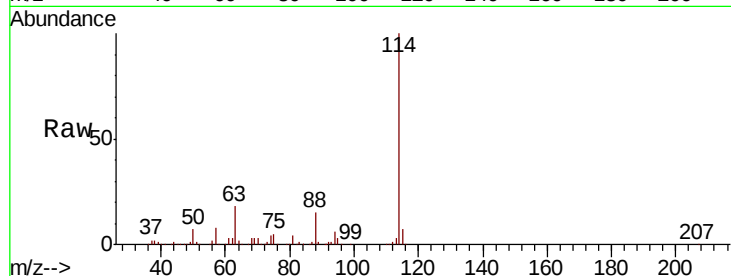




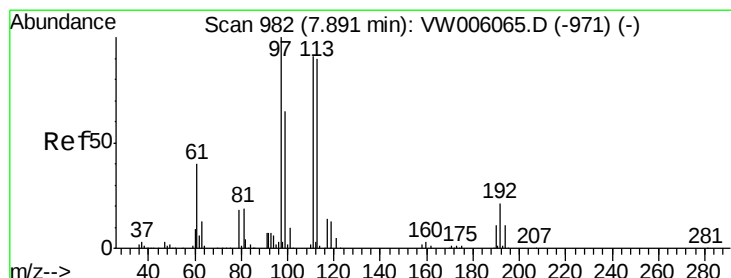
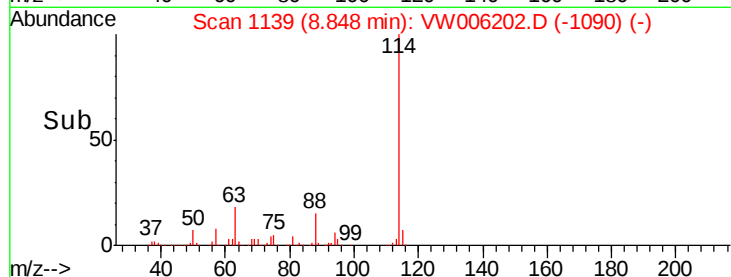
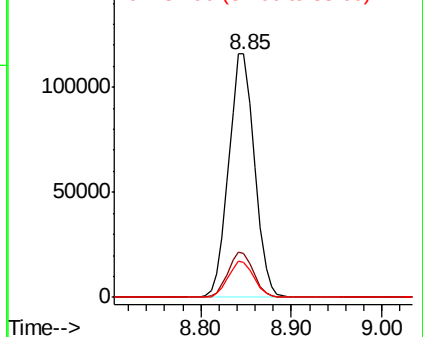
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006202.D
 Acq: 19 Oct 2018 04:46

Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.8
88	14.5	0.0	29.0

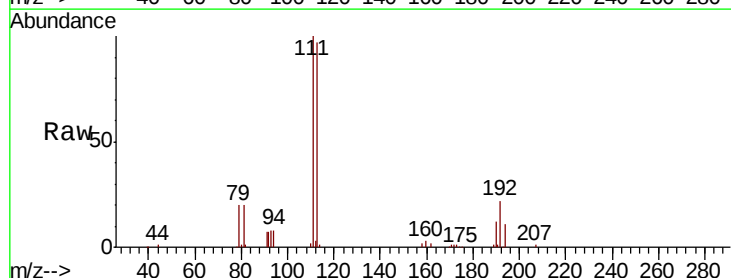


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

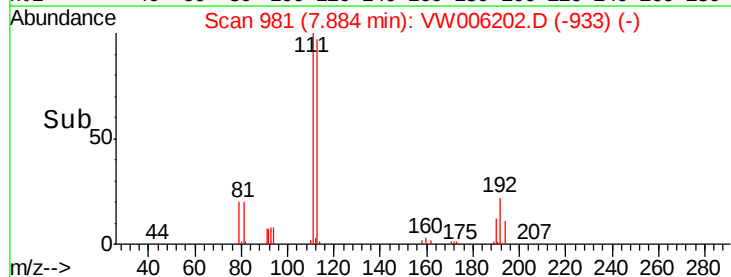
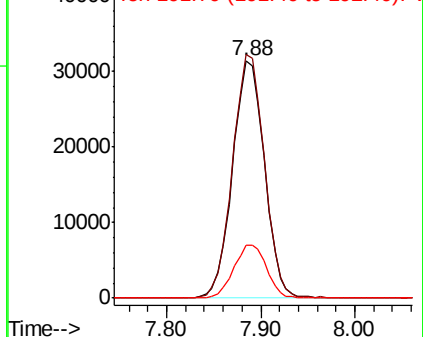


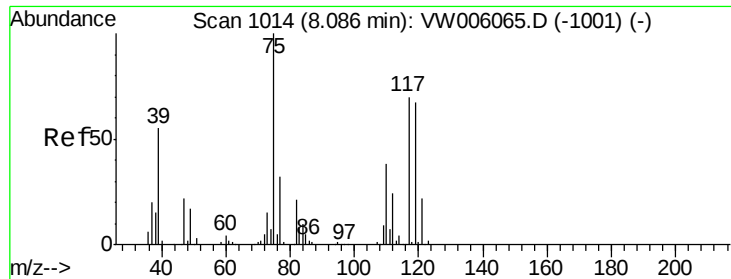
#35
 Dibromofluoromethane
 Concen: 54.573 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006202.D
 Acq: 19 Oct 2018 04:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	22.9	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

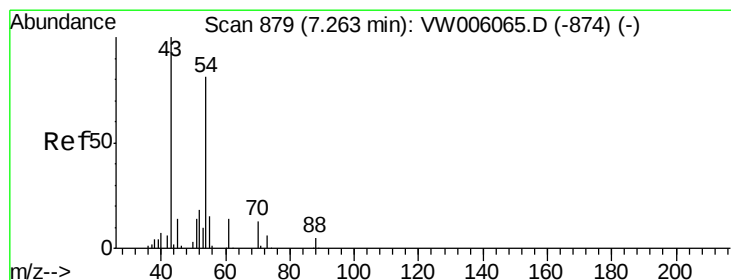
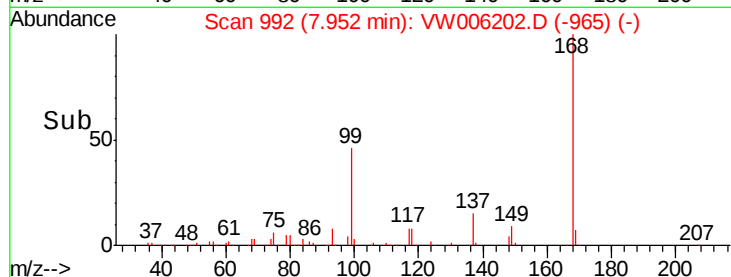
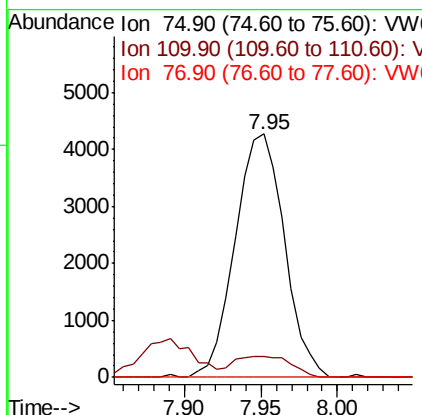
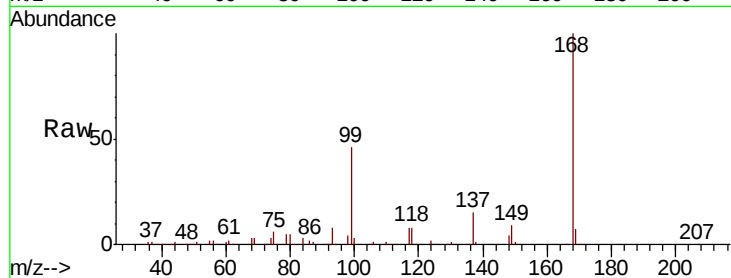




#36
 1,1-Dichloropropene
 Concen: 4.529 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006202.D
 Acq: 19 Oct 2018 04:46

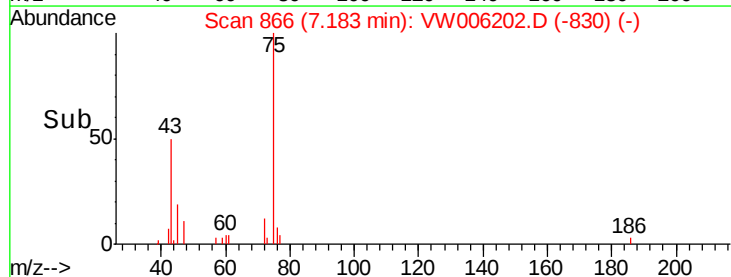
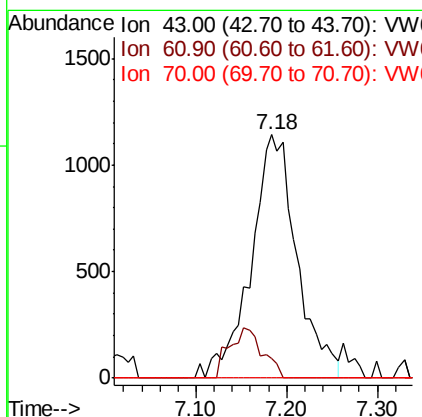
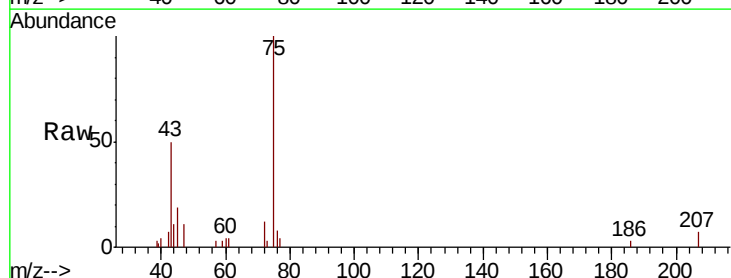
Instrument :
 MSVOA_W
 ClientSampled :
 LS-SOIL-1

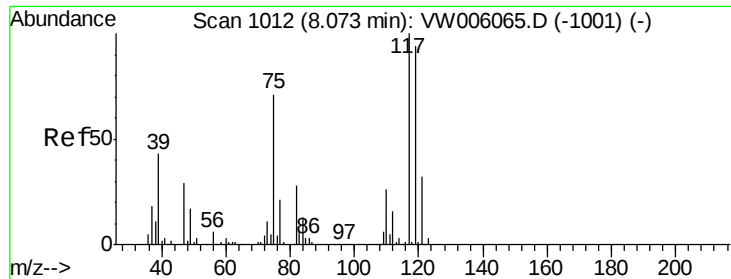
Tot Ion: 75 Resp: 9571
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.1 57.1#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 5.092 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.08 min
 Lab File: VW006202.D
 Acq: 19 Oct 2018 04:46

Tgt Ion: 43 Resp: 3998
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 9.2 13.8#





#38

Carbon Tetrachloride

Concen: 5.614 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006202.D

Acq: 19 Oct 2018 04:46

Instrument :

MSVOA_W

ClientSampleId :

LS-SOIL-1

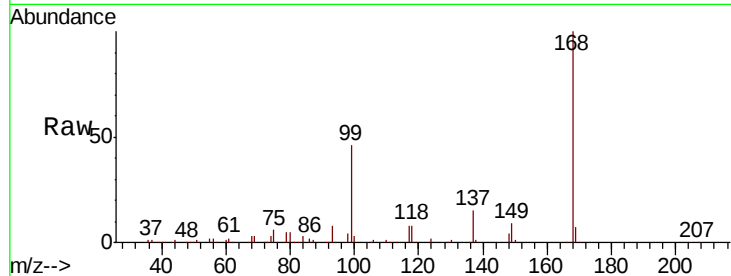
Tot Ion:117 Resp: 13006

Ion Ratio Lower Upper

117 100

119 4.7 75.2 112.8#

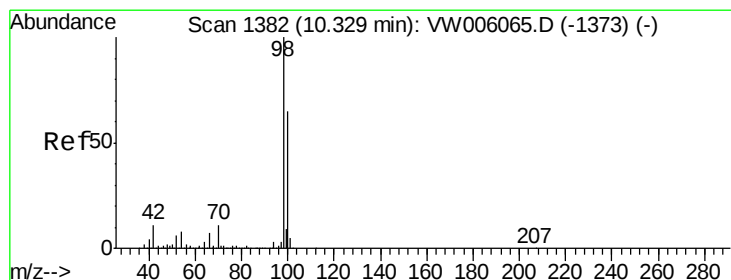
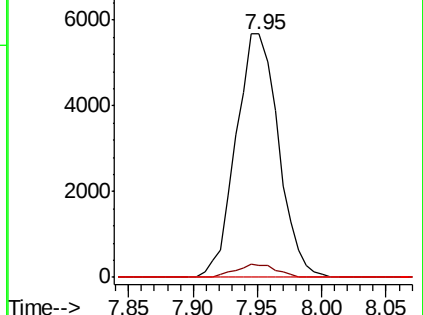
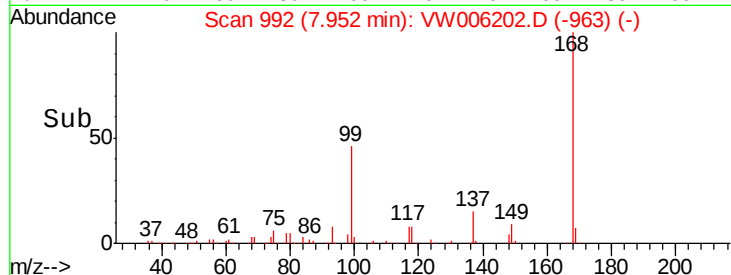
121 0.0 25.3 37.9#



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: 47.133 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006202.D

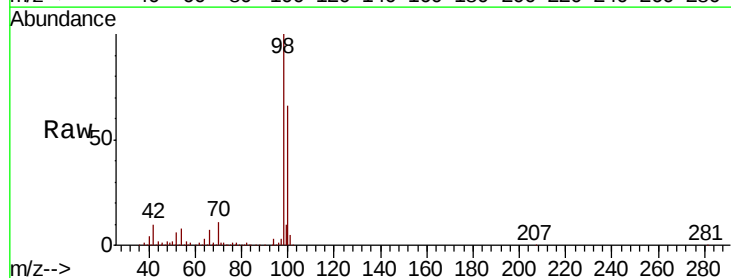
Acq: 19 Oct 2018 04:46

Tgt Ion: 98 Resp: 242931

Ion Ratio Lower Upper

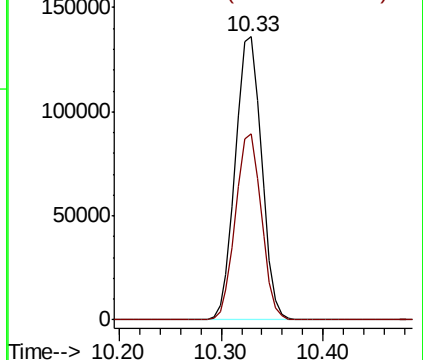
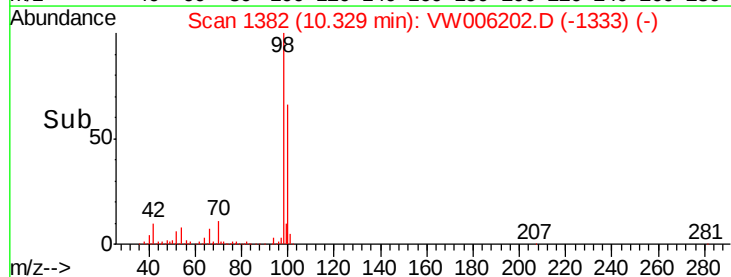
98 100

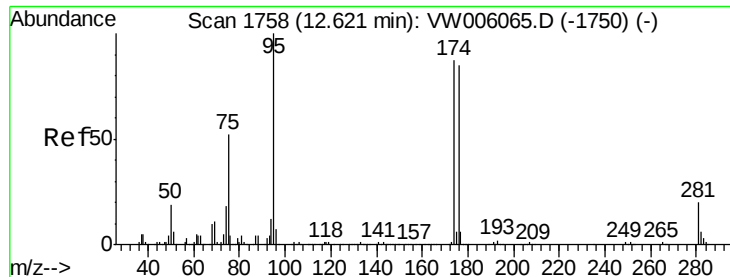
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

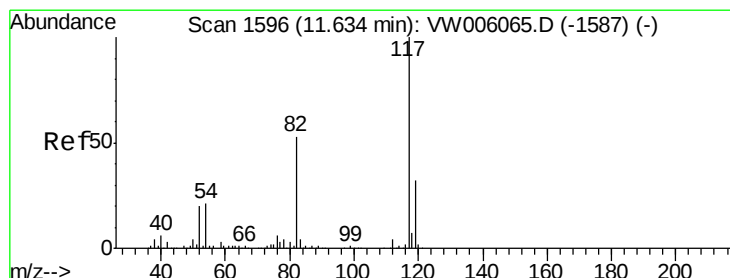
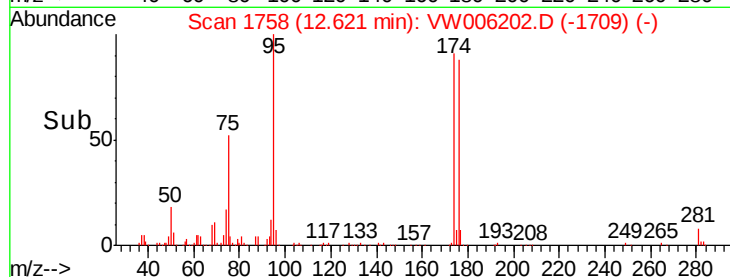
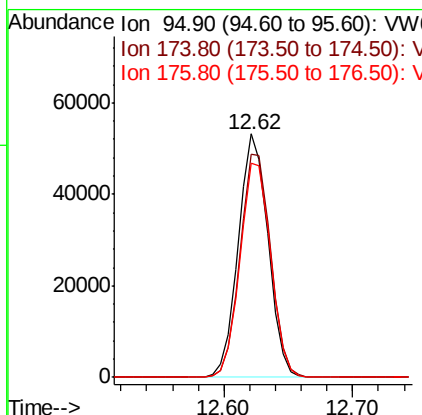
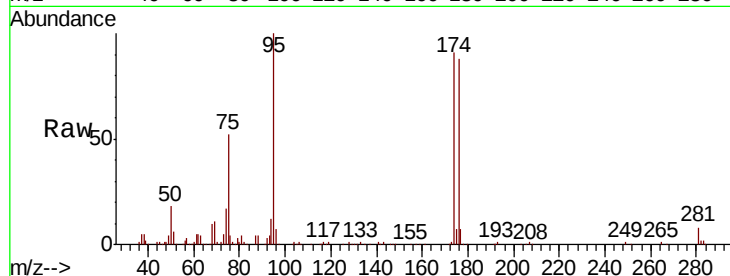




#62
4-Bromofluorobenzene
Concen: 43.741 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

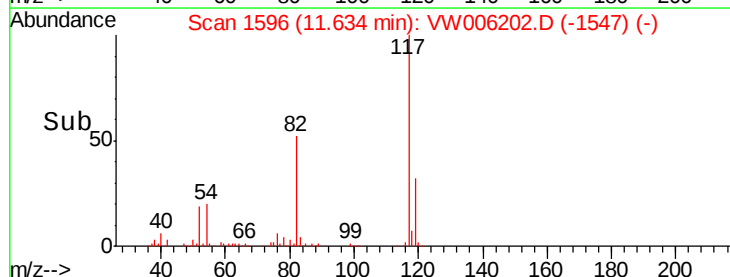
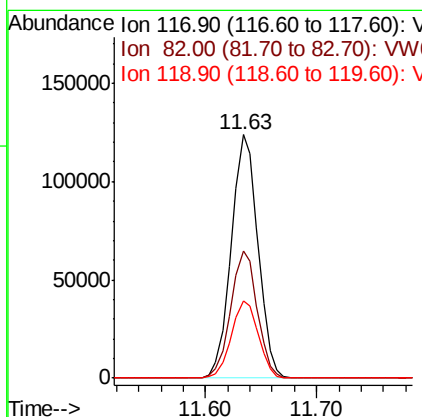
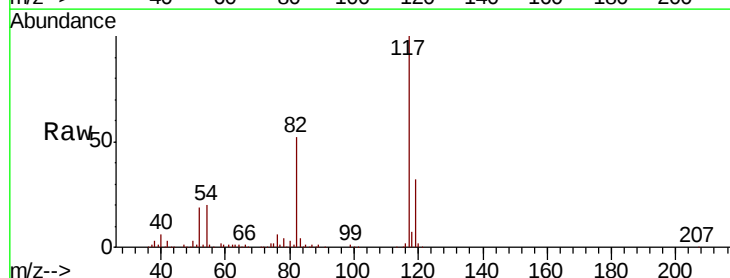
Instrument :
MSVOA_W
ClientSampleId :
LS-SOIL-1

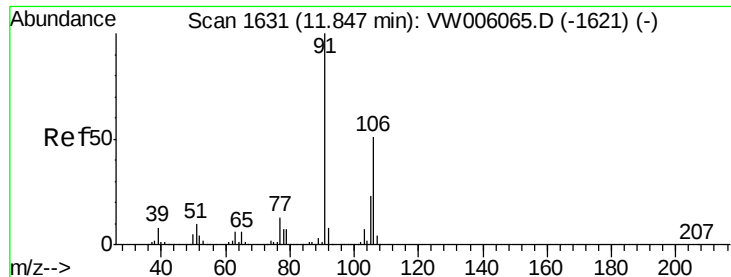
Tot Ion: 95 Resp: 84676
Ion Ratio Lower Upper
95 100
174 94.3 0.0 186.0
176 90.8 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

Tgt Ion: 117 Resp: 204905
Ion Ratio Lower Upper
117 100
82 52.2 42.1 63.1
119 31.9 25.8 38.6

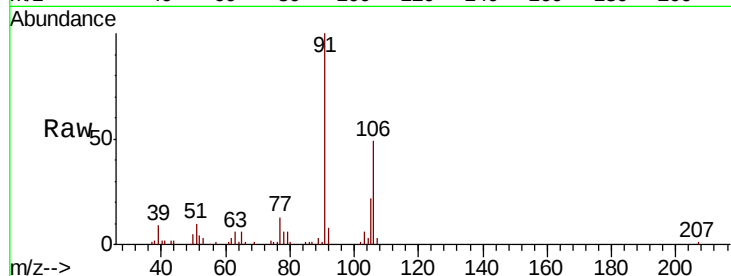




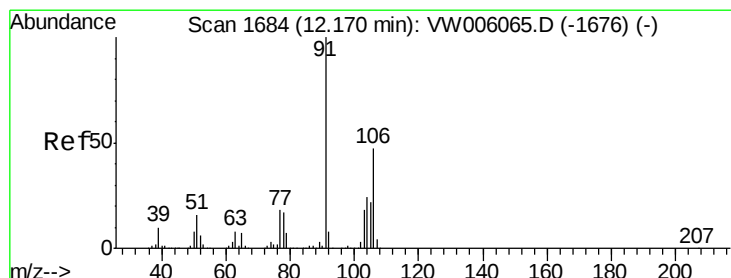
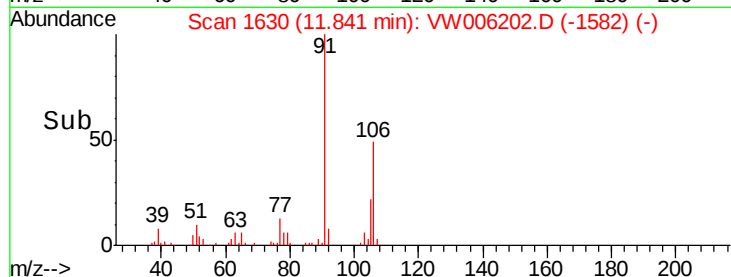
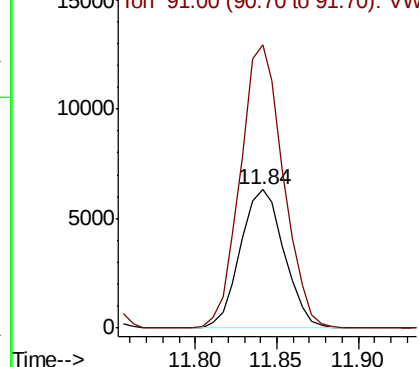
#68
m/p-Xylenes
Concen: 3.938 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

Instrument :
MSVOA_W
ClientSampled :
LS-SOIL-1

Tot Ion:106 Resp: 11832
Ion Ratio Lower Upper
106 100
91 200.0 159.1 238.7

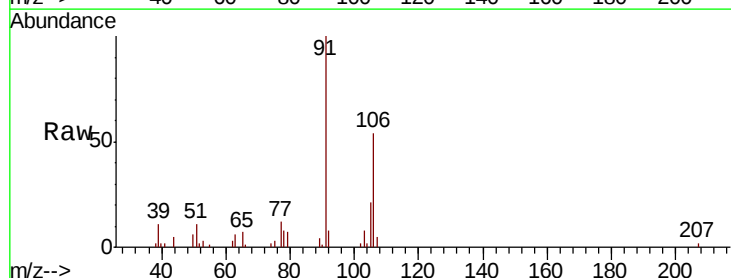


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

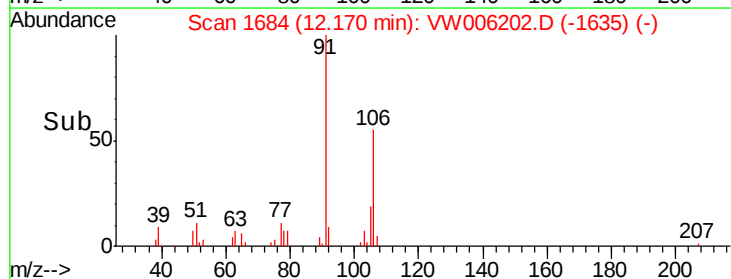
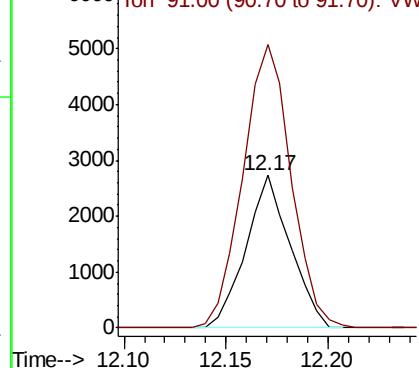


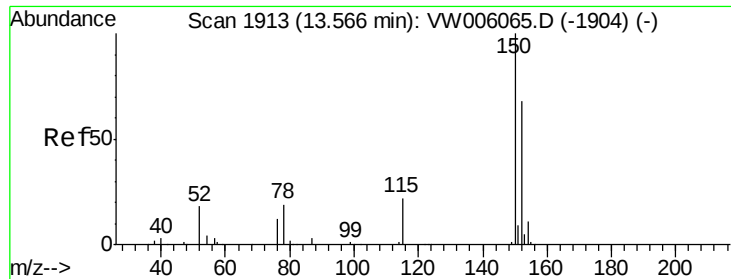
#69
o-Xylene
Concen: 1.440 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

Tgt Ion:106 Resp: 4124
Ion Ratio Lower Upper
106 100
91 201.7 105.4 316.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006202.D

Acq: 19 Oct 2018 04:46

Instrument :

MSVOA_W

ClientSampled :

LS-SOIL-1

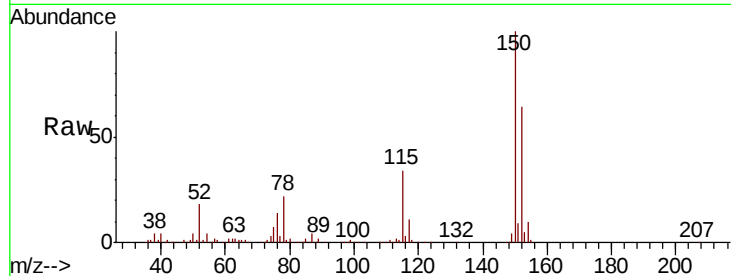
Tot Ion:152 Resp: 89345

Ion Ratio Lower Upper

152 100

115 54.1 27.8 83.3

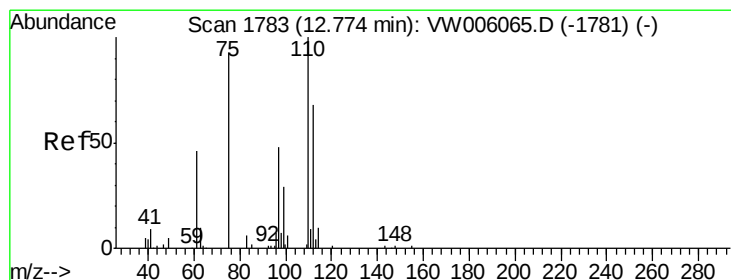
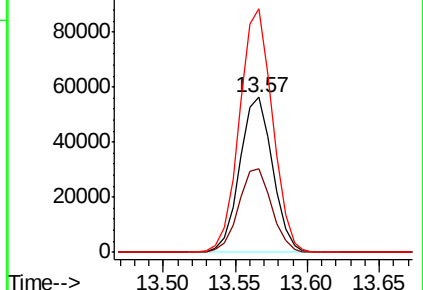
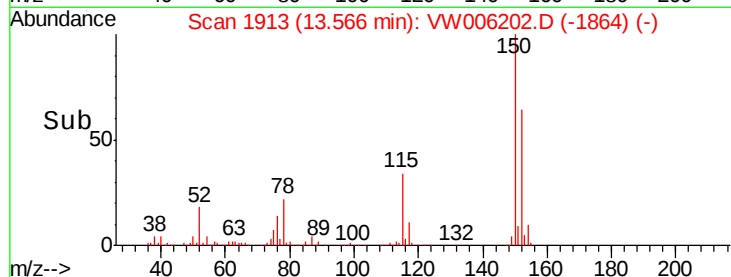
150 156.8 0.0 349.2



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: 64.185 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006202.D

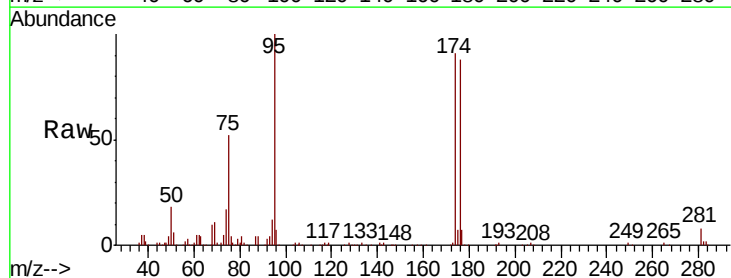
Acq: 19 Oct 2018 04:46

Tgt Ion: 75 Resp: 43801

Ion Ratio Lower Upper

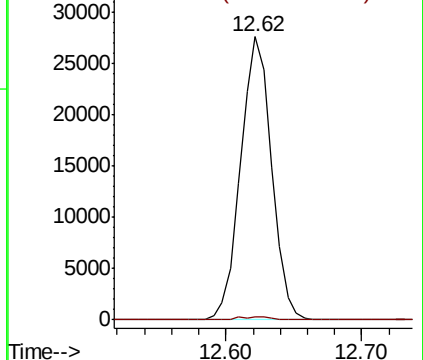
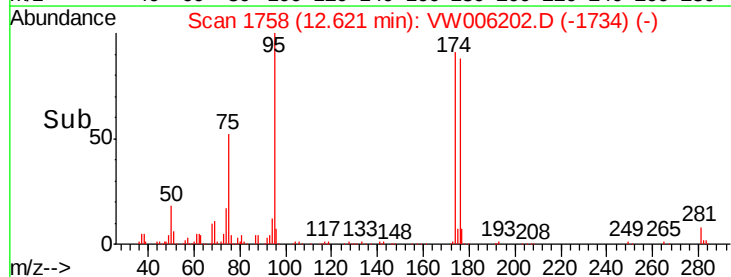
75 100

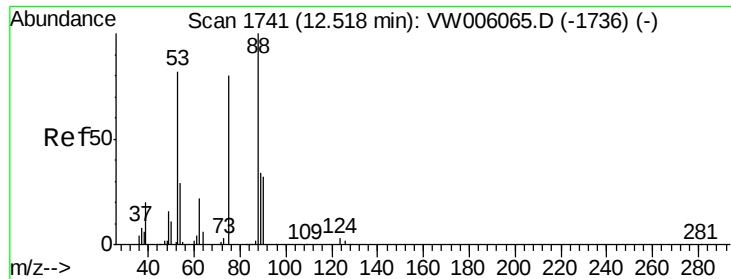
77 1.2 0.0 0.0#



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: 153.427 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006202.D

Acq: 19 Oct 2018 04:46

Instrument :

MSVOA_W

ClientSampleId :

LS-SOIL-1

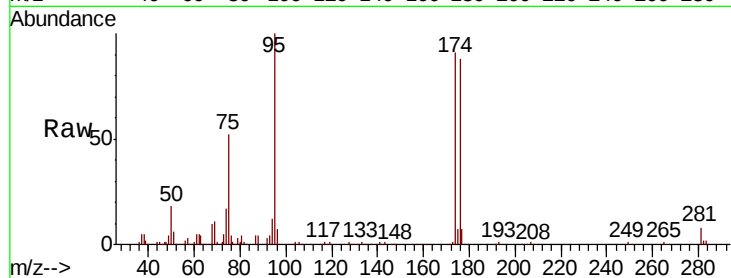
Tot Ion: 75 Resp: 43801

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 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

