

Data File : VW006020.D
Acq On : 11 Oct 2018 06:45
Operator : SY/AP
Sample : J5392-01RE
Misc : 7.98G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

Quant Time: Oct 11 07:59:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	317351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	217831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123375	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113328	56.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.22%	
35) Dibromofluoromethane	7.88	113	109965	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
50) Toluene-d8	10.33	98	300670	38.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.14%	
62) 4-Bromofluorobenzene	12.62	95	129570	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.68	74	2098	2.276	ug/l	79
11) Tert butyl alcohol	5.23	59	259	1.765	ug/l #	74
13) Acrolein	4.10	56	40987	313.485	ug/l	83
15) Acrylonitrile	5.43	53	9391	23.406	ug/l #	40
16) Acetone	4.10	43	123897	309.842	ug/l #	55
20) Methylene Chloride	4.91	84	13169	6.573	ug/l #	73
25) 2-Butanone	7.17	43	2671	4.696	ug/l #	49
29) Tetrahydrofuran	7.54	42	496	1.380	ug/l #	58
30) Chloroform	7.68	83	13140	3.612	ug/l #	74
31) Cyclohexane	7.93	56	74296	21.199	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	14324	4.711	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18727	5.732	ug/l #	14
39) Methylcyclohexane	9.34	83	29252	7.293	ug/l #	83
40) Benzene	8.32	78	10567	1.270	ug/l	94
43) Isopropyl Acetate	8.42	43	25408	9.446	ug/l #	52
48) Methyl methacrylate	9.47	41	1995	1.557	ug/l #	30
51) 4-Methyl-2-Pentanone	10.10	43	177568	135.559	ug/l #	43
52) Toluene	10.39	92	28114	5.142	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	12587	7.937	ug/l #	27
56) Ethyl methacrylate	10.66	69	2376	1.112	ug/l #	18
59) 2-Hexanone	10.94	43	28887	30.757	ug/l #	33
67) Ethyl Benzene	11.74	91	208123	25.253	ug/l	98
68) m/p-Xylenes	11.85	106	53744	16.687	ug/l	99
69) o-Xylene	12.17	106	368204	119.413	ug/l	99
70) Styrene	12.17	104	18782	3.671	ug/l #	1
73) Isopropylbenzene	12.47	105	131906	14.639	ug/l	100
74) N-amyl acetate	12.26	43	31041	14.506	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.65	83	9244	6.259	ug/l #	90
76) 1,2,3-Trichloropropane	12.91	75	6936	6.294	ug/l #	100
78) n-propylbenzene	12.81	91	244646	23.082	ug/l	100
79) 2-Chlorotoluene	12.91	91	100347	16.771	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.95	105	698081	91.768	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	65944	126.321	ug/l #	11
82) 4-Chlorotoluene	12.95	91	74967	11.909	ug/l #	41

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SOIL-DRUM

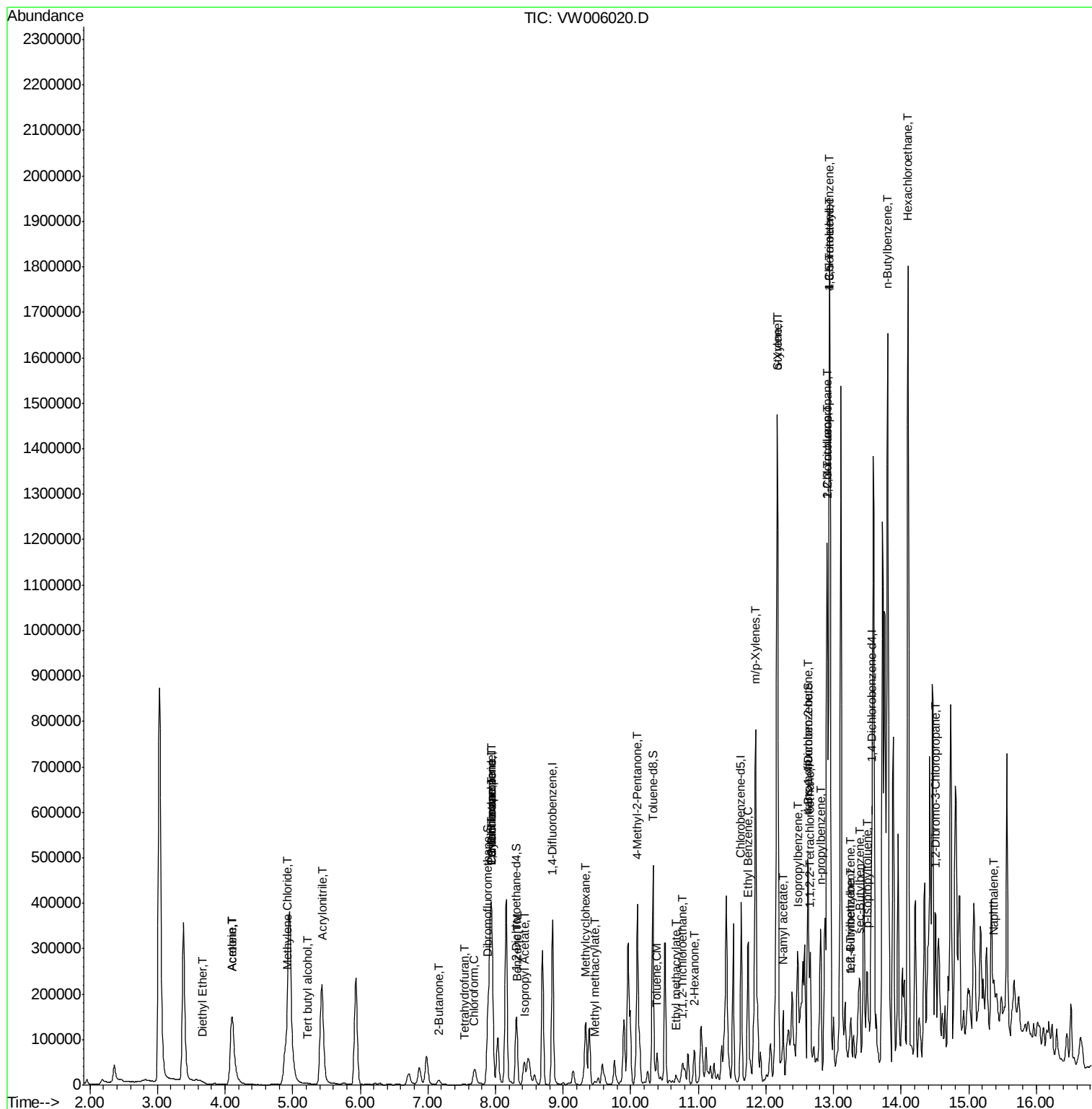
Quant Time: Oct 11 07:59:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
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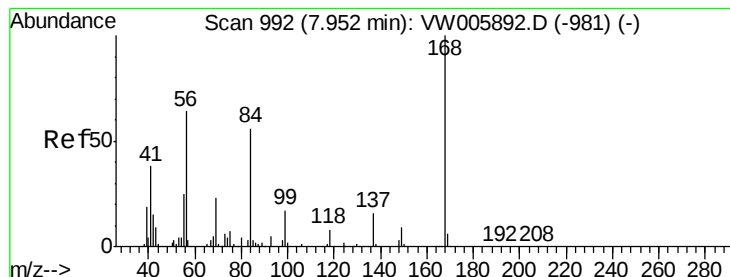
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.26	119	7354	1.087	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.26	105	57855	7.540	ug/l	97
85) sec-Butylbenzene	13.39	105	101695	10.708	ug/l #	60
86) p-Isopropyltoluene	13.51	119	61844	7.241	ug/l	99
89) n-Butylbenzene	13.80	91	257669	32.006	ug/l #	1
90) Hexachloroethane	14.10	117	86119	53.614	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.51	75	882	3.205	ug/l #	11
95) Naphthalene	15.38	128	110732	22.004	ug/l #	95

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

Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

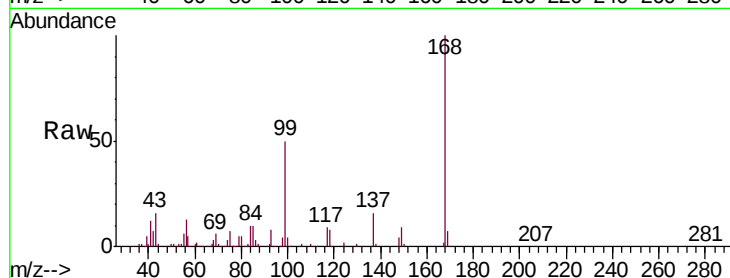
SOIL-DRUM

Tgt Ion:168 Resp: 206220

Ion Ratio Lower Upper

168 100

99 50.2 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

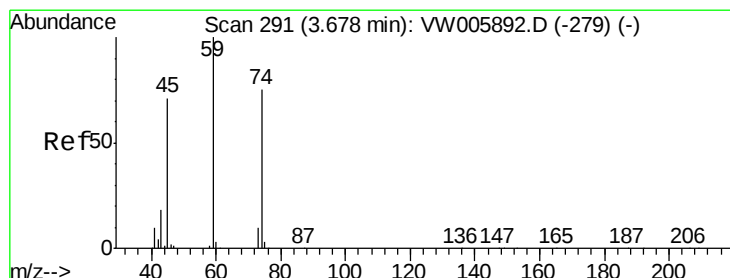
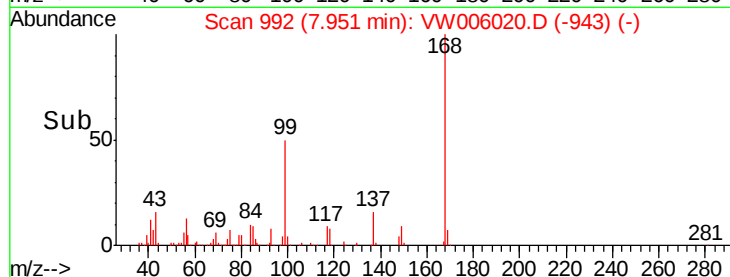
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.276 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW006020.D

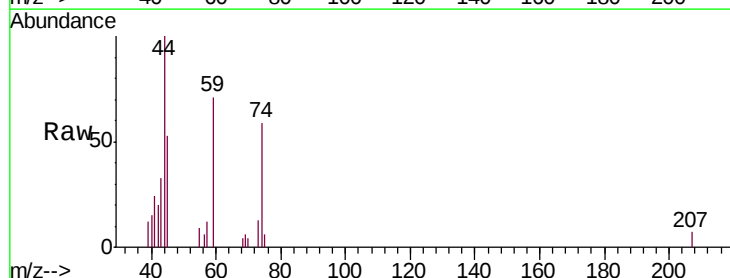
Acq: 11 Oct 2018 06:45

Tgt Ion: 74 Resp: 2098

Ion Ratio Lower Upper

74 100

45 113.5 46.8 140.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

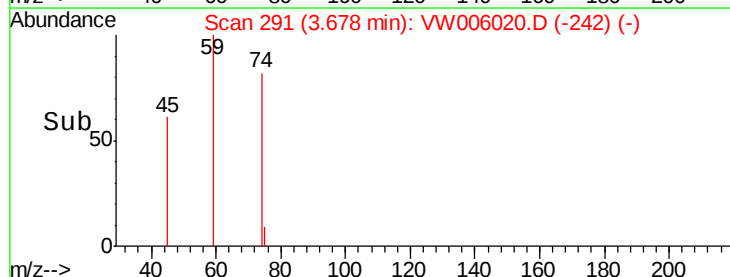
600

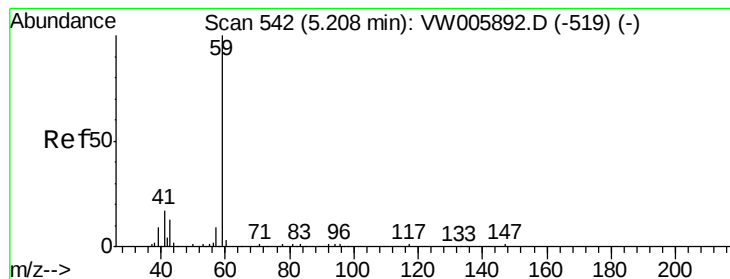
400

200

0

Time--> 3.60 3.65 3.70 3.75





#11

Tert butyl alcohol

Concen: 1.765 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.02 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

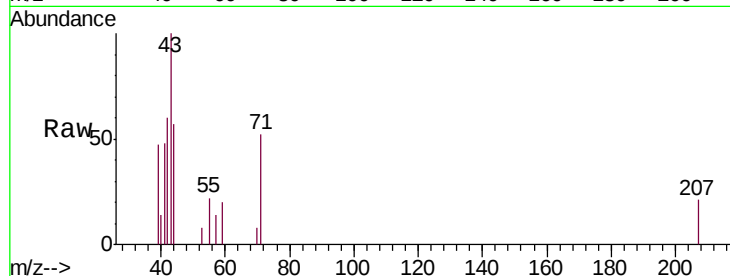
SOIL-DRUM

Tgt Ion: 59 Resp: 259

Ion Ratio Lower Upper

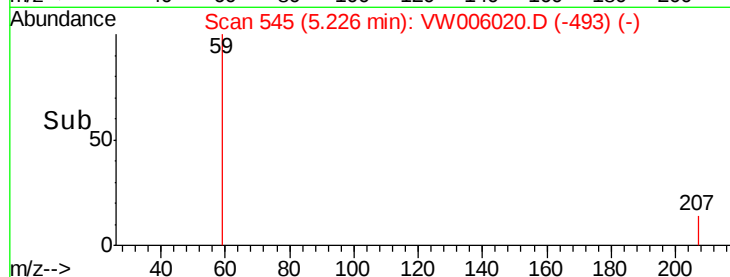
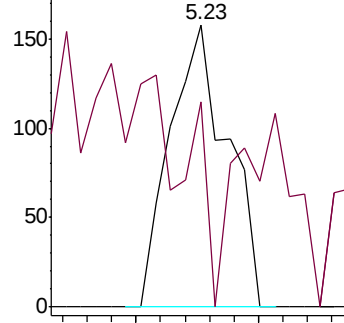
59 100

57 0.0 7.7 11.5#

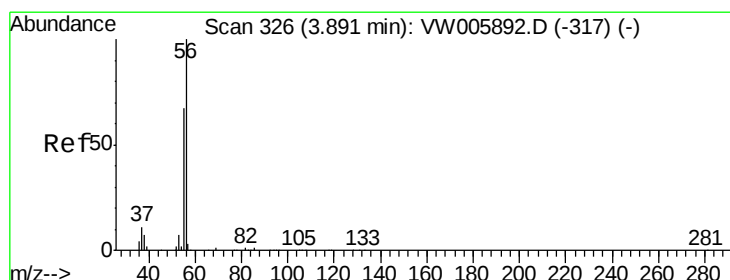


Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



Time-->



#13

Acrolein

Concen: 313.485 ug/l

RT: 4.10 min Scan# 360

Delta R.T. 0.21 min

Lab File: VW006020.D

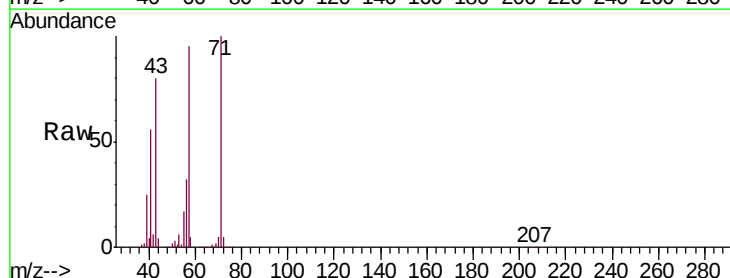
Acq: 11 Oct 2018 06:45

Tgt Ion: 56 Resp: 40987

Ion Ratio Lower Upper

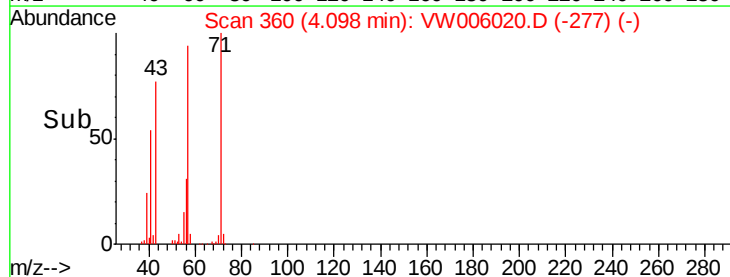
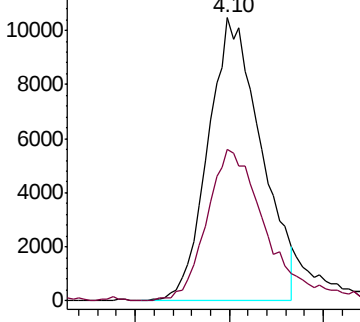
56 100

55 54.9 54.6 82.0

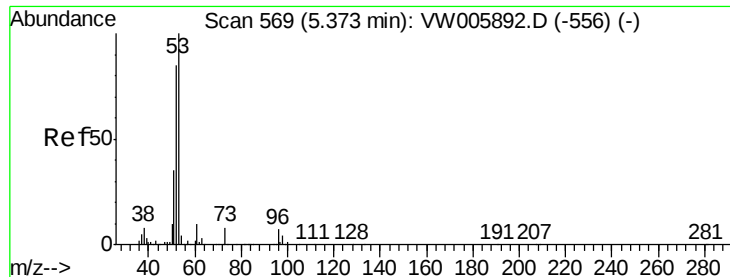


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#15

Acrylonitrile

Concen: 23.406 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.05 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

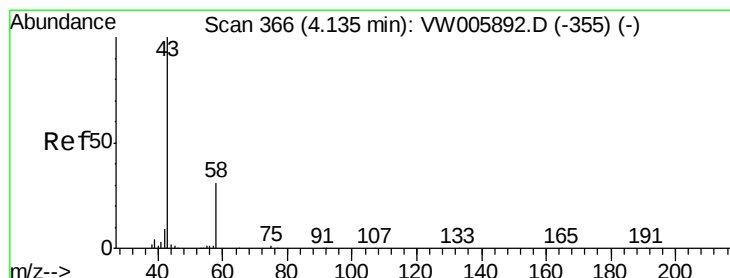
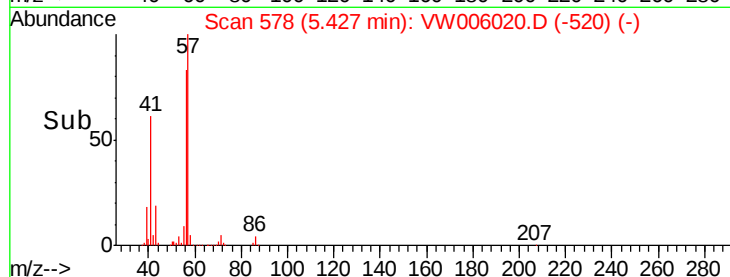
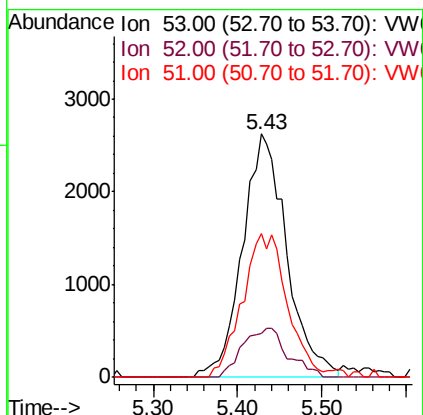
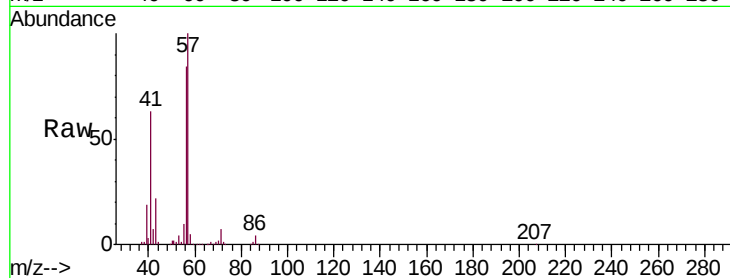
Tgt Ion: 53 Resp: 9391

Ion Ratio Lower Upper

53 100

52 20.5 66.8 100.2#

51 59.6 29.8 44.6#



#16

Acetone

Concen: 309.842 ug/l

RT: 4.10 min Scan# 360

Delta R.T. -0.04 min

Lab File: VW006020.D

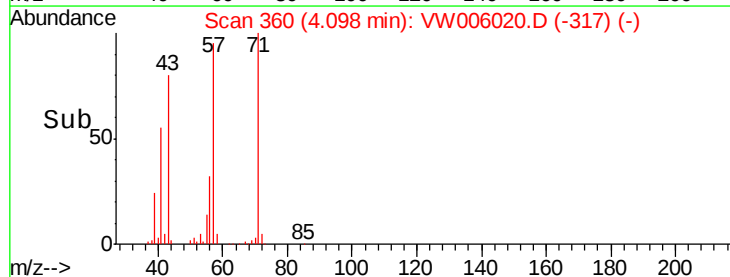
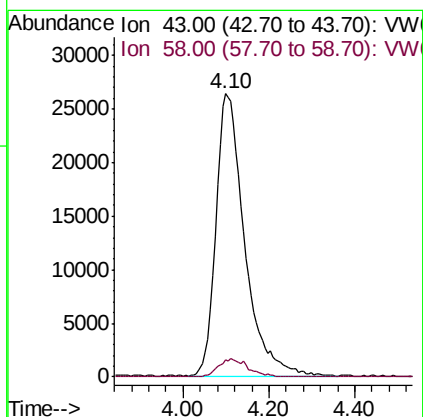
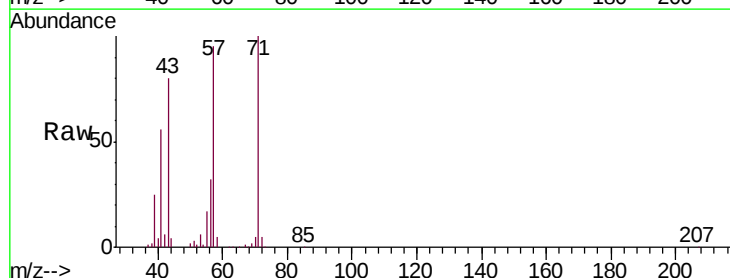
Acq: 11 Oct 2018 06:45

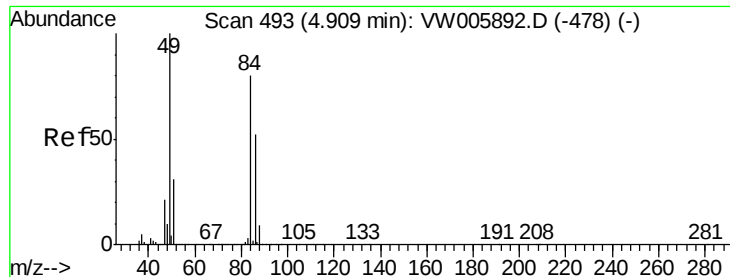
Tgt Ion: 43 Resp: 123897

Ion Ratio Lower Upper

43 100

58 6.1 24.7 37.1#

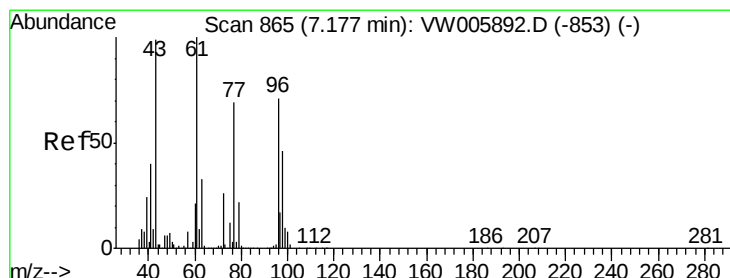
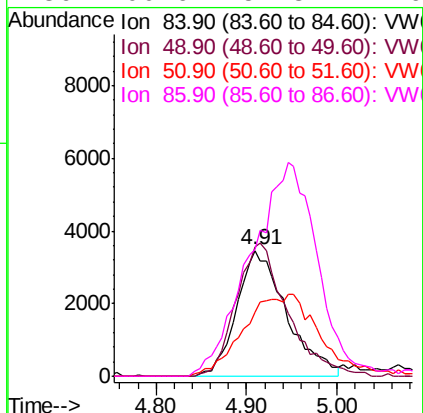
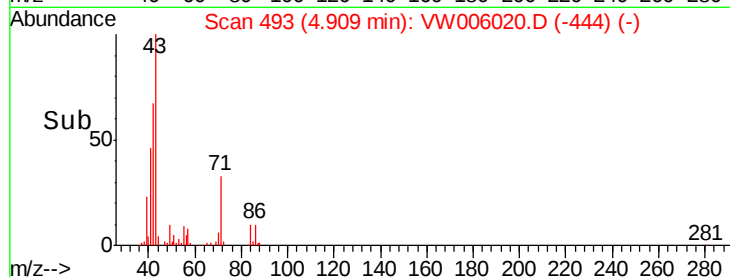
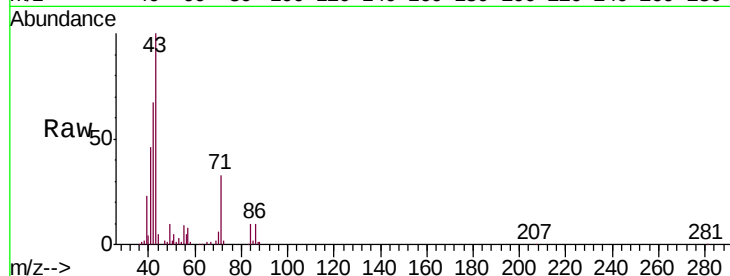




#20
Methylene Chloride
Concen: 6.573 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

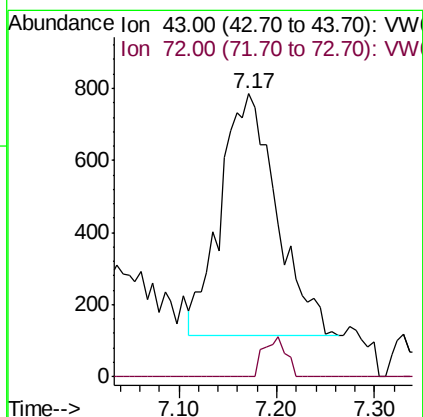
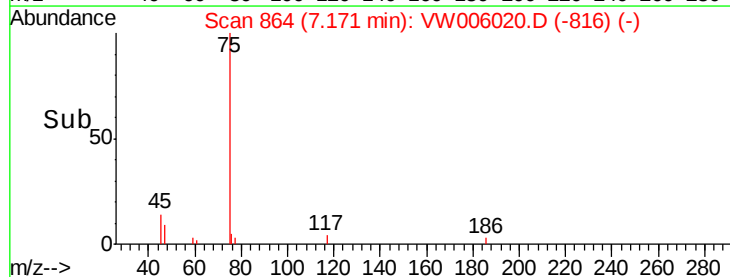
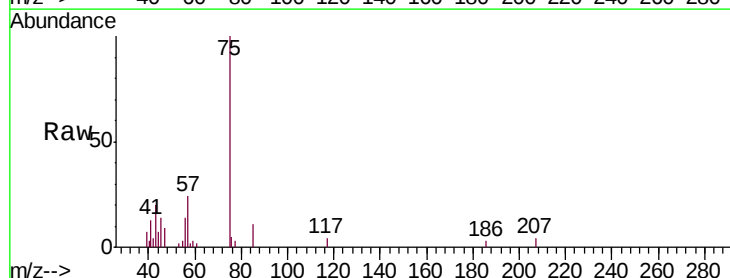
Instrument :
MSVOA_W
ClientSampled :
SOIL-DRUM

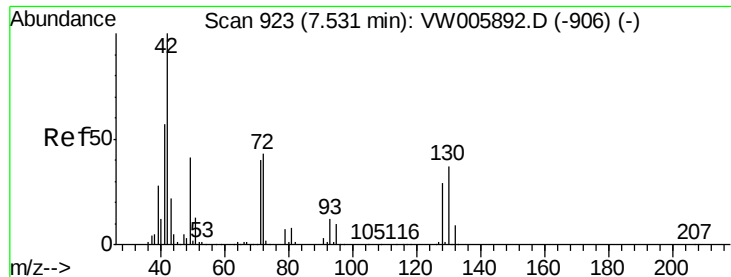
Tgt Ion:	84	Resp:	13169
Ion	Ratio	Lower	Upper
84	100		
49	102.6	99.9	149.9
51	50.8	31.1	46.7#
86	100.6	51.8	77.6#



#25
2-Butanone
Concen: 4.696 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Tgt Ion:	43	Resp:	2671
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

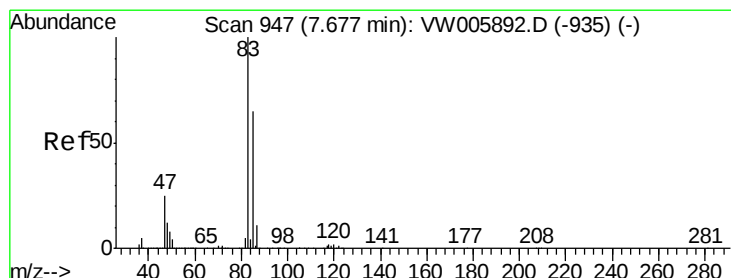
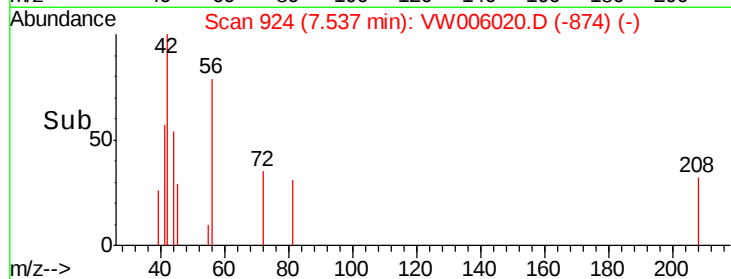
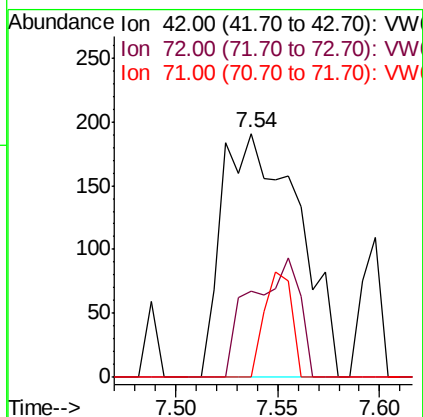
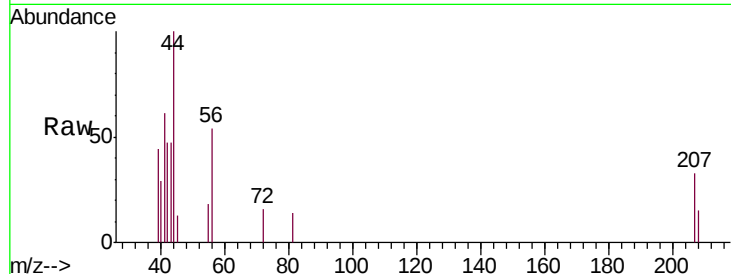




#29
Tetrahydrofuran
Concen: 1.380 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

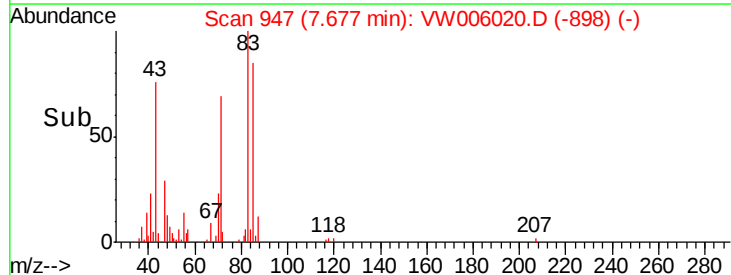
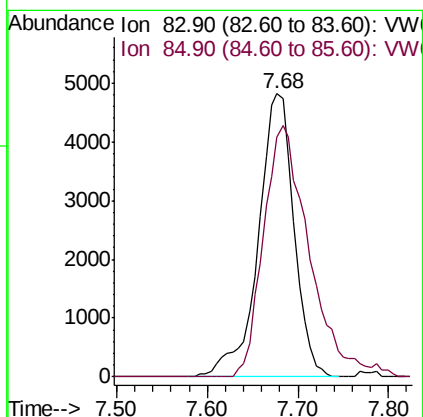
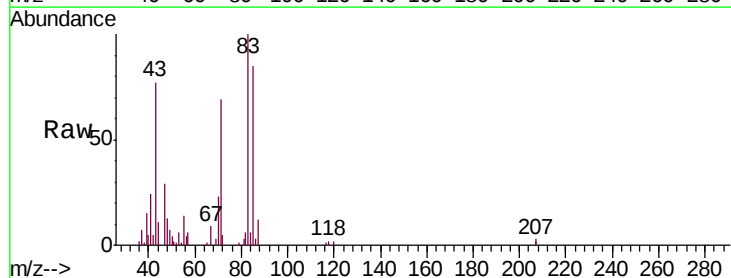
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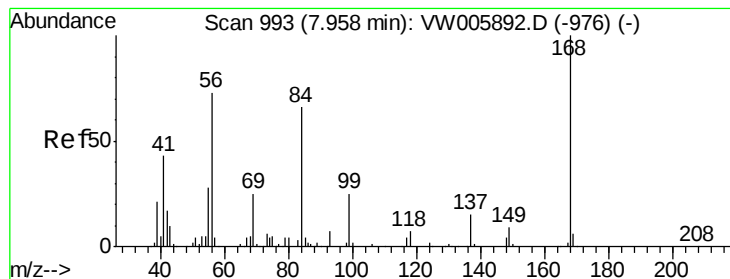
Tgt Ion: 42 Resp: 496
Ion Ratio Lower Upper
42 100
72 30.8 34.6 51.8#
71 0.0 32.6 49.0#



#30
Chloroform
Concen: 3.612 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Tgt Ion: 83 Resp: 13140
Ion Ratio Lower Upper
83 100
85 84.7 51.6 77.4#





#31

Cyclohexane

Concen: 21.199 ug/l

RT: 7.93 min Scan# 988

Delta R.T. -0.03 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

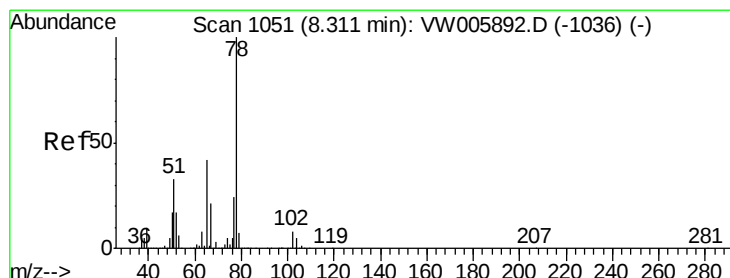
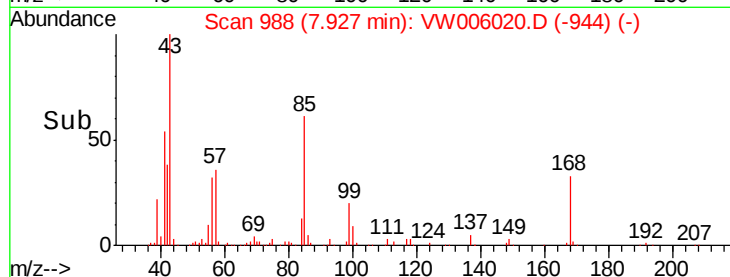
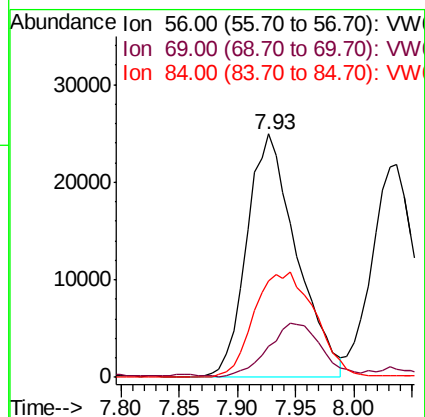
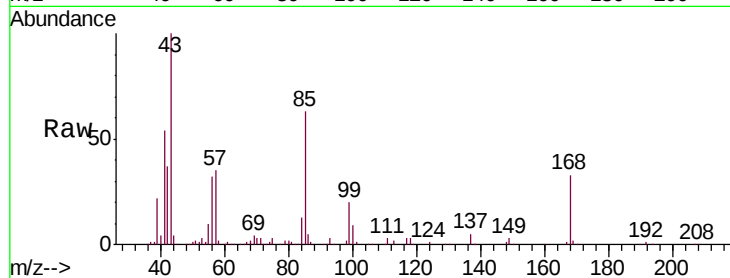
Tgt Ion: 56 Resp: 74296

Ion Ratio Lower Upper

56 100

69 11.9 27.9 41.9#

84 39.5 72.3 108.5#



#33

1,2-Dichloroethane-d4

Concen: 56.609 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006020.D

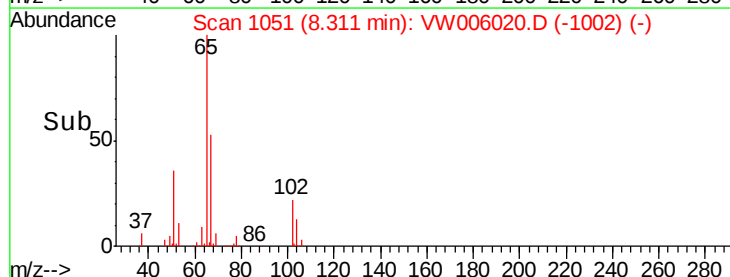
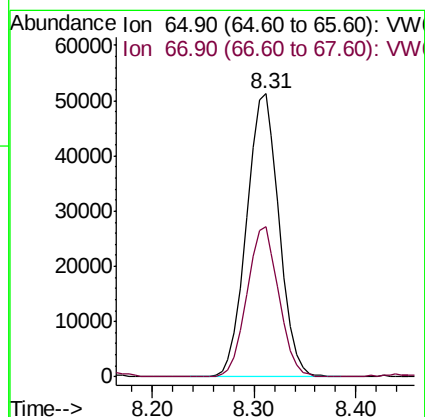
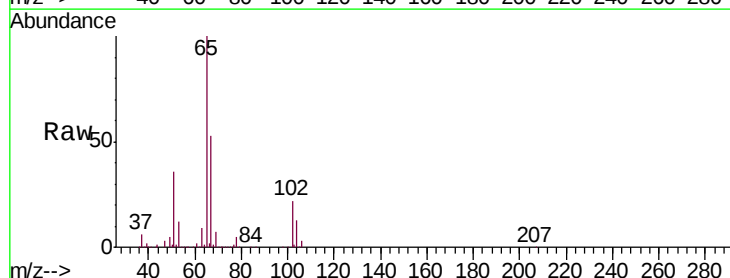
Acq: 11 Oct 2018 06:45

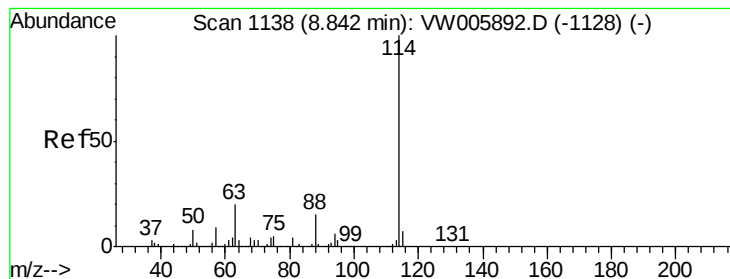
Tgt Ion: 65 Resp: 113328

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

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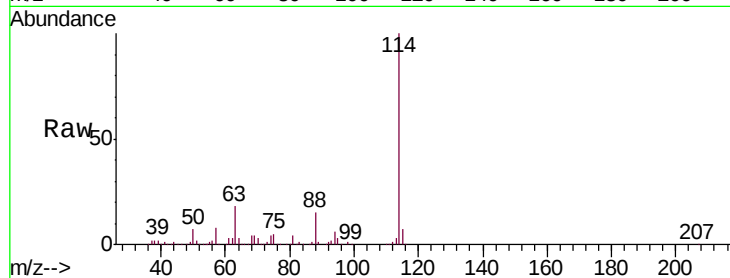
Tgt Ion:114 Resp: 317351

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.2

88 14.9 0.0 30.8



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

200000

150000

100000

50000

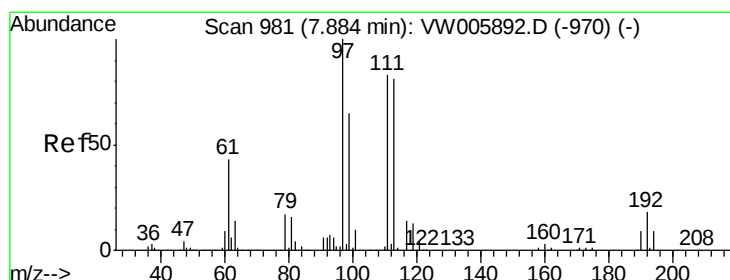
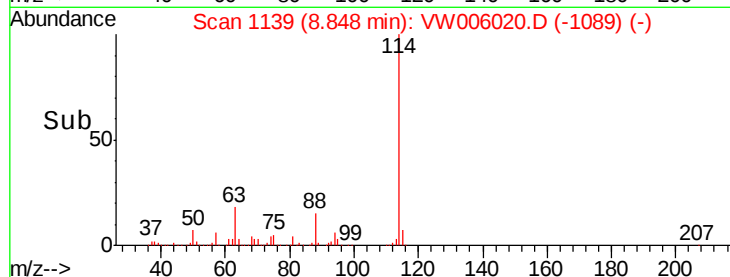
0

8.85

8.80

8.90

Time-->



#35

Dibromofluoromethane

Concen: 54.273 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

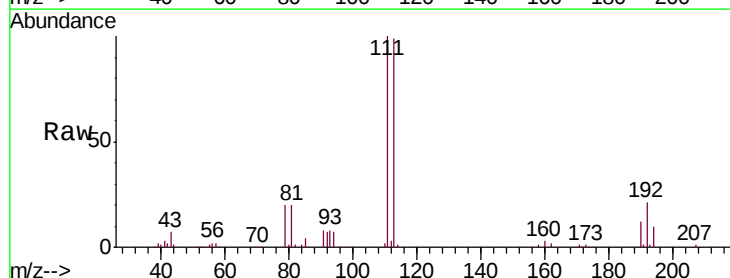
Tgt Ion:113 Resp: 109965

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

192 22.3 18.3 27.5



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

60000

50000

40000

30000

20000

10000

0

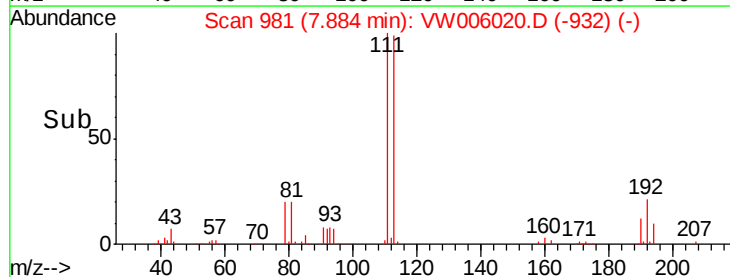
7.88

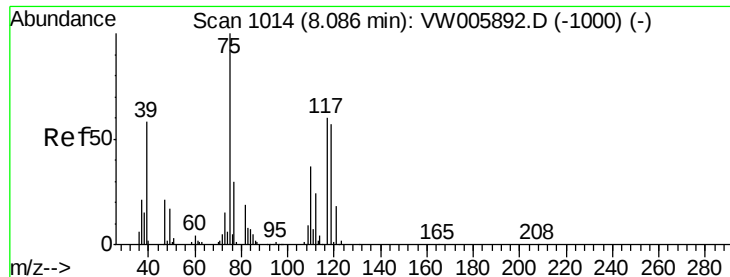
7.80

7.90

8.00

Time-->





#36

1,1-Dichloropropene

Concen: 4.711 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

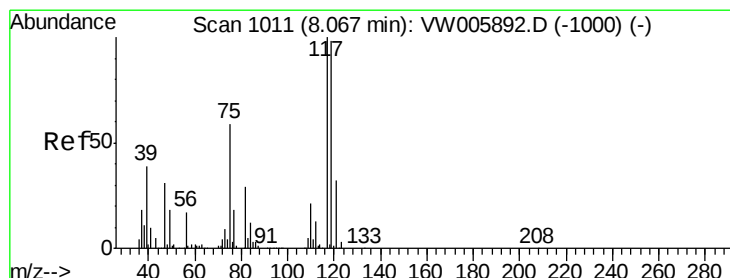
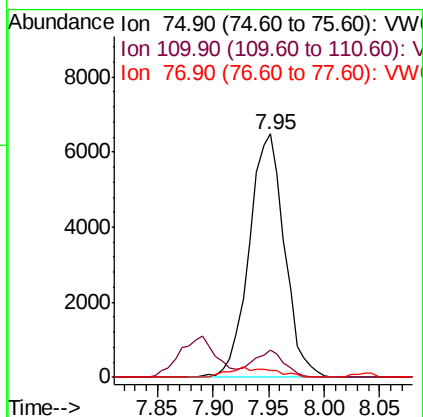
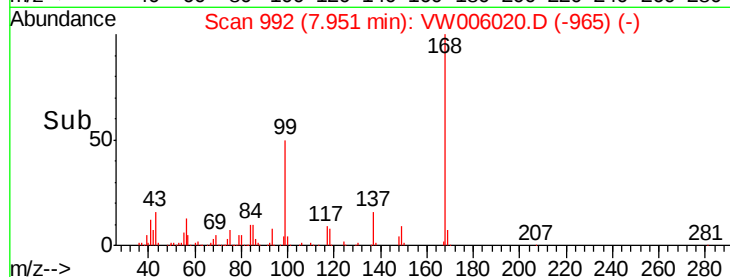
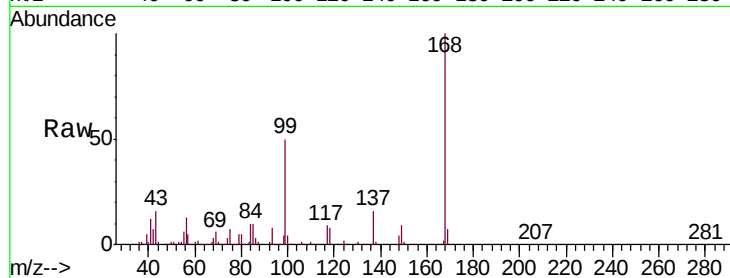
Tgt Ion: 75 Resp: 14324

Ion Ratio Lower Upper

75 100

110 9.9 18.6 56.0#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.732 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

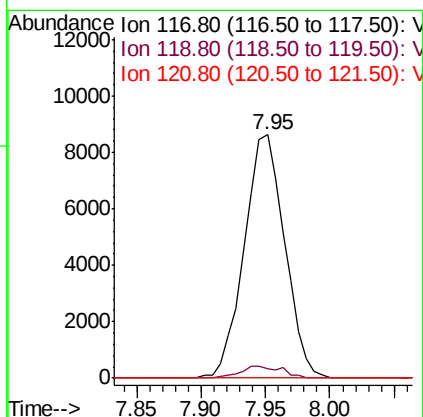
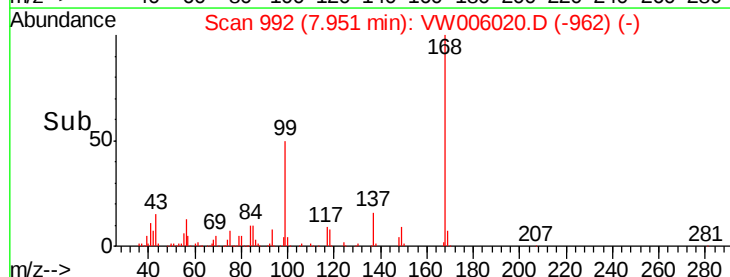
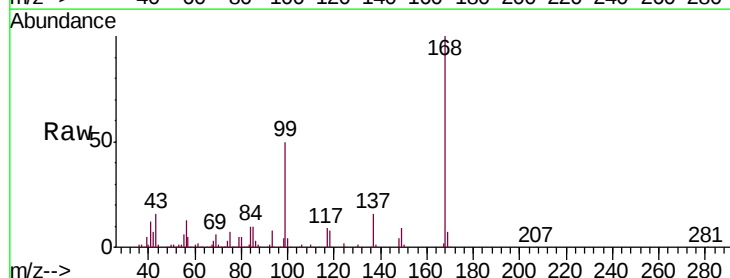
Tgt Ion: 117 Resp: 18727

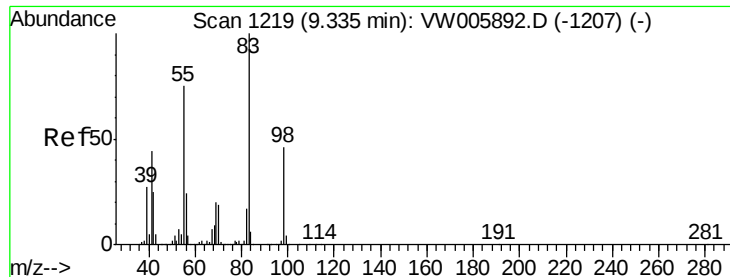
Ion Ratio Lower Upper

117 100

119 4.0 78.6 117.8#

121 0.0 25.3 37.9#





#39

Methylcyclohexane

Concen: 7.293 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampled :

SOIL-DRUM

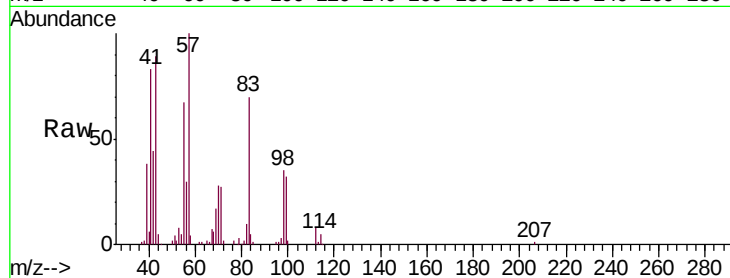
Tgt Ion: 83 Resp: 29252

Ion Ratio Lower Upper

83 100

55 95.5 59.8 89.6#

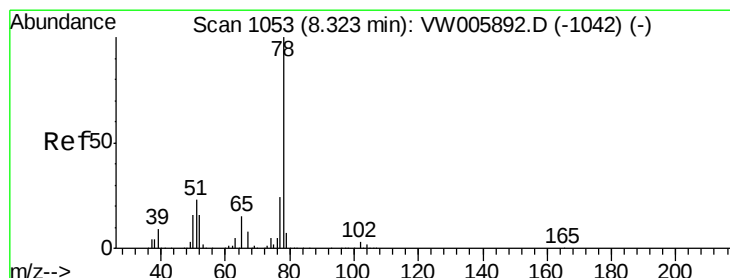
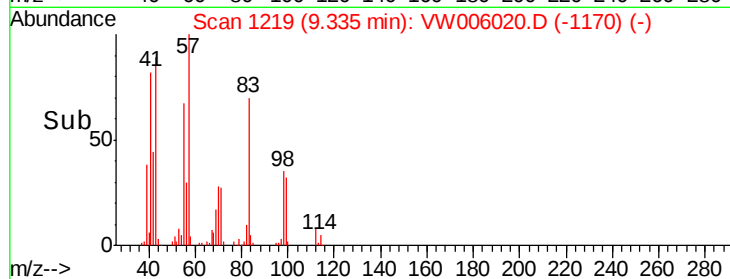
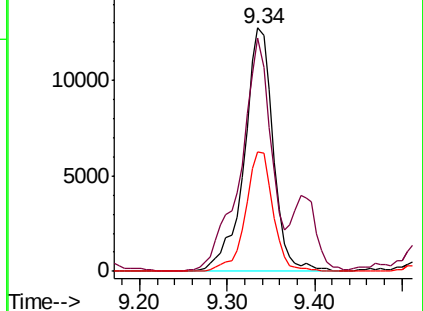
98 49.2 37.1 55.7



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 1.270 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW006020.D

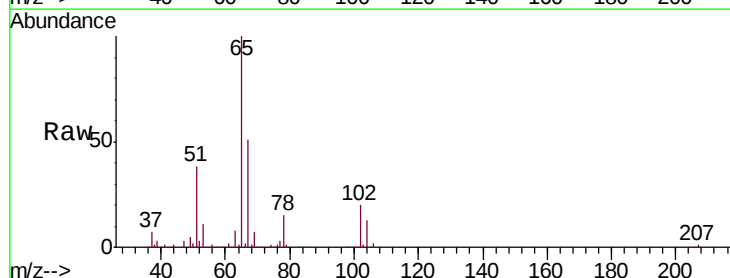
Acq: 11 Oct 2018 06:45

Tgt Ion: 78 Resp: 10567

Ion Ratio Lower Upper

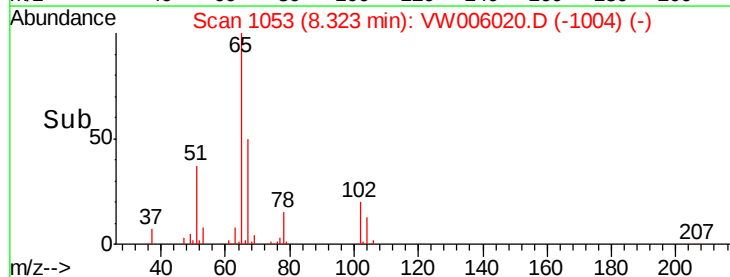
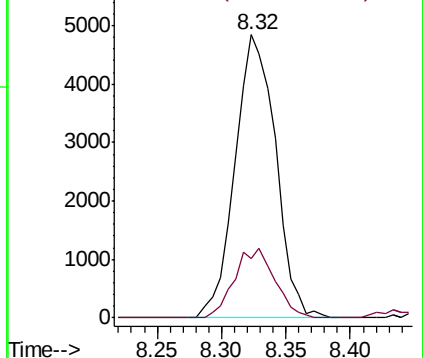
78 100

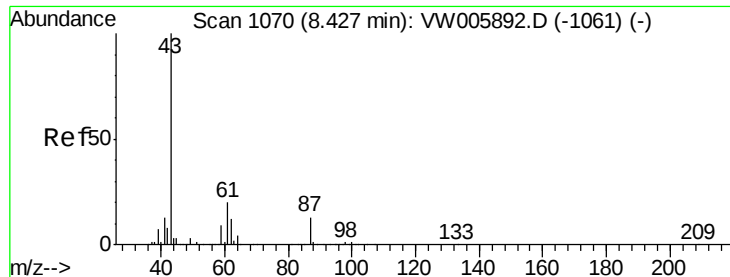
77 20.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#43

Isopropyl Acetate

Concen: 9.446 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampled :

SOIL-DRUM

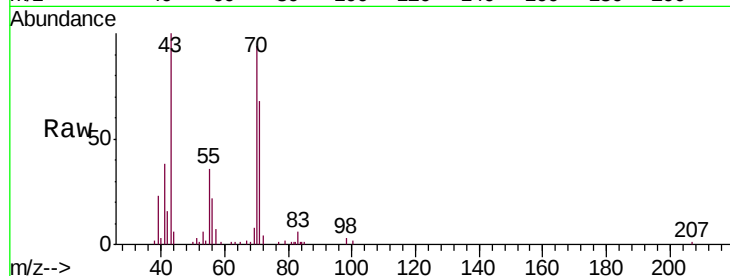
Tgt Ion: 43 Resp: 25408

Ion Ratio Lower Upper

43 100

61 0.0 23.1 34.7#

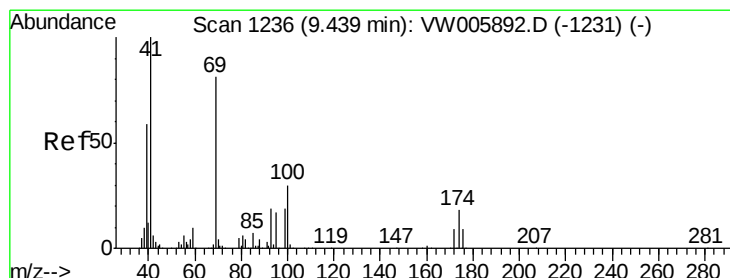
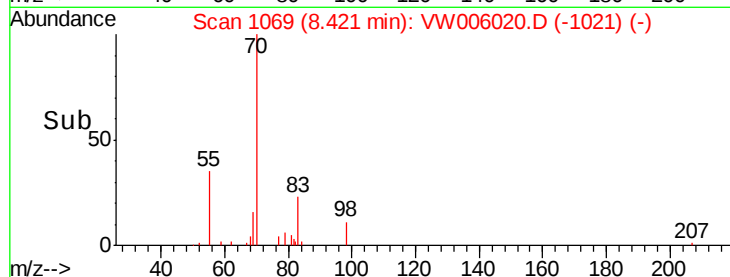
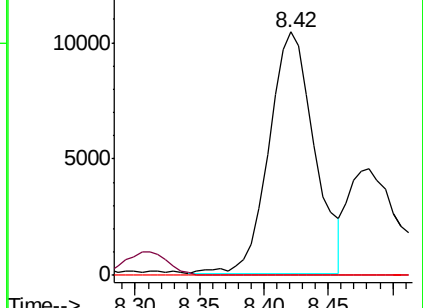
87 0.0 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#48

Methyl methacrylate

Concen: 1.557 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.03 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

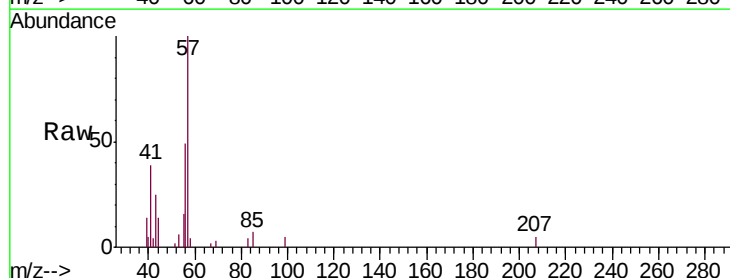
Tgt Ion: 41 Resp: 1995

Ion Ratio Lower Upper

41 100

69 0.0 68.7 103.1#

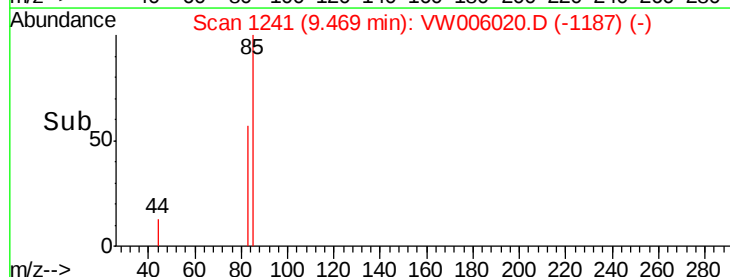
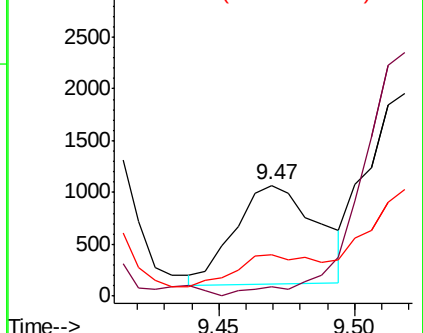
39 33.3 50.0 75.0#

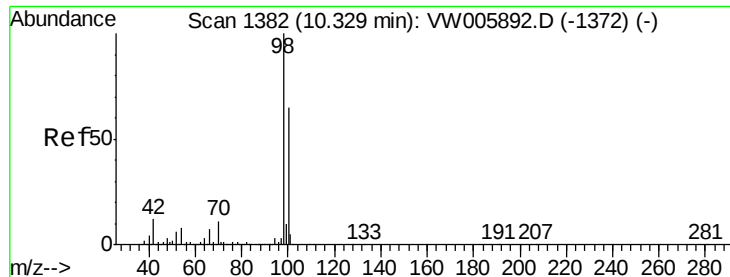


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 38.570 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

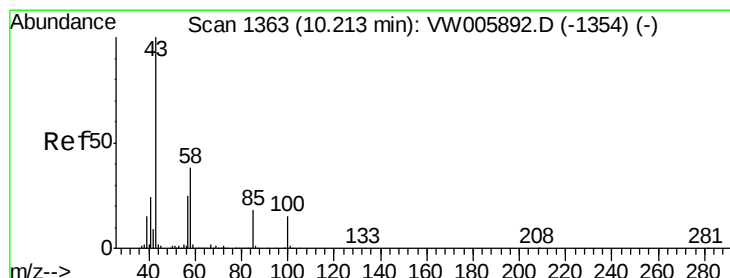
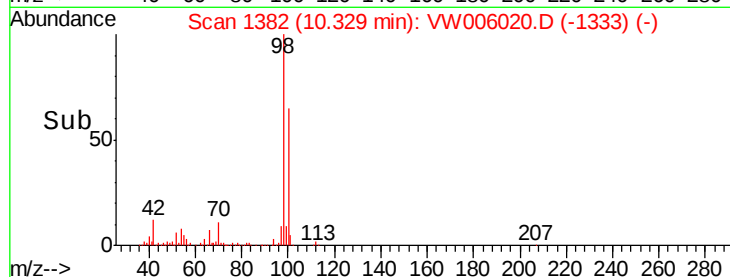
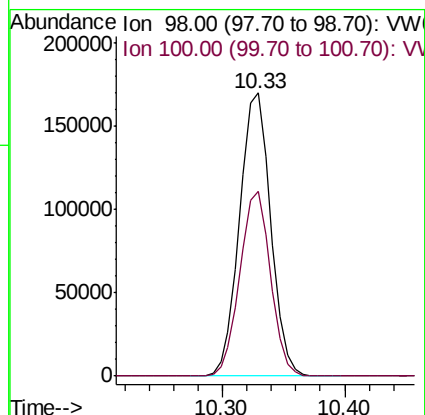
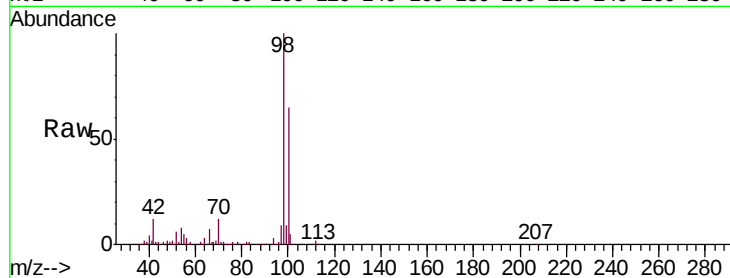
SOIL-DRUM

Tgt Ion: 98 Resp: 300670

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 135.559 ug/l

RT: 10.10 min Scan# 1344

Delta R.T. -0.12 min

Lab File: VW006020.D

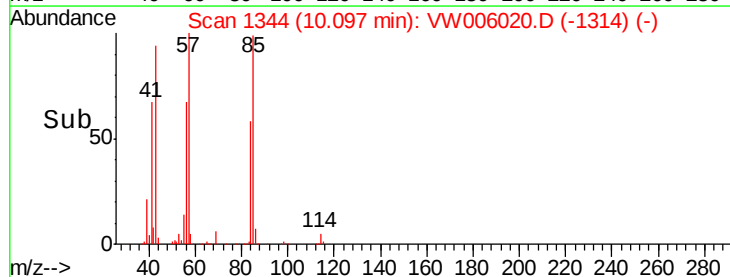
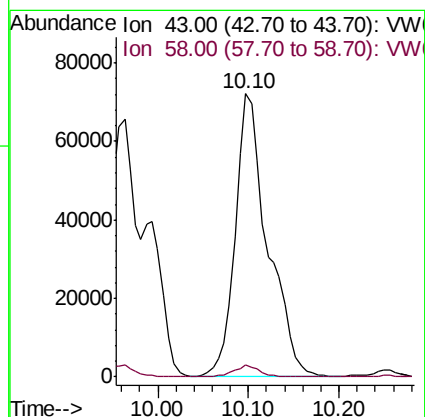
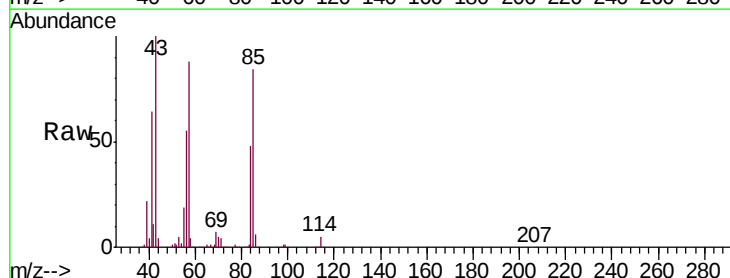
Acq: 11 Oct 2018 06:45

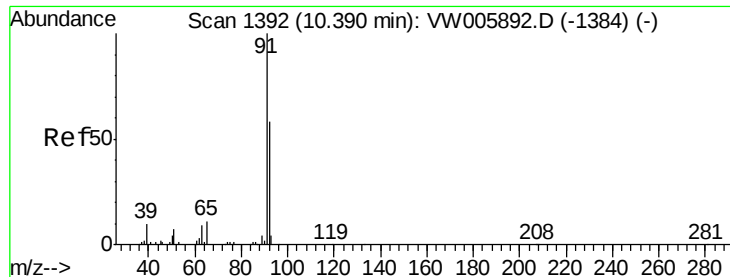
Tgt Ion: 43 Resp: 177568

Ion Ratio Lower Upper

43 100

58 3.3 30.2 45.4#





#52

Toluene

Concen: 5.142 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

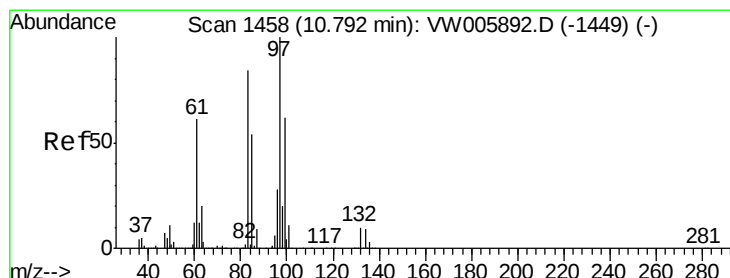
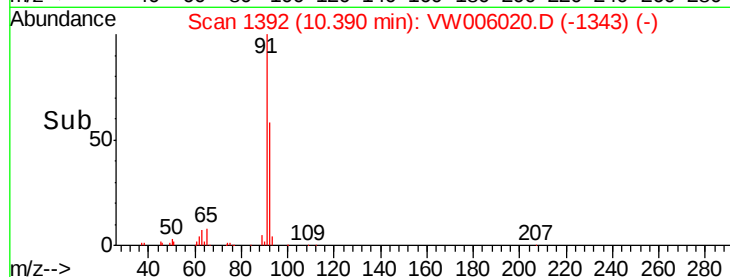
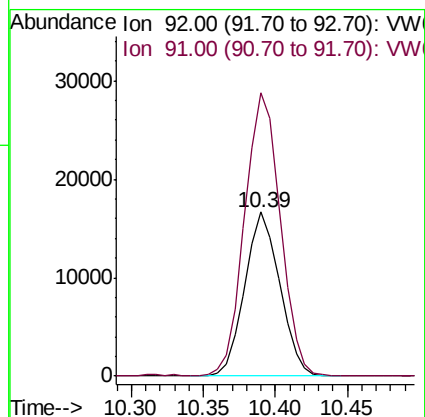
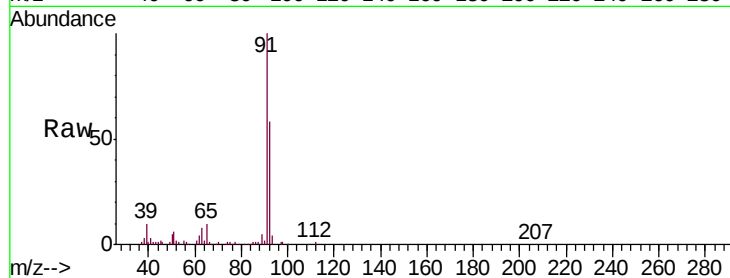
SOIL-DRUM

Tgt Ion: 92 Resp: 28114

Ion Ratio Lower Upper

92 100

91 176.0 138.2 207.4



#55

1,1,2-Trichloroethane

Concen: 7.937 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Tgt Ion: 97 Resp: 12587

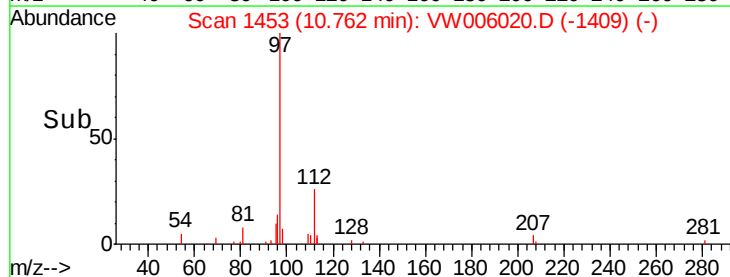
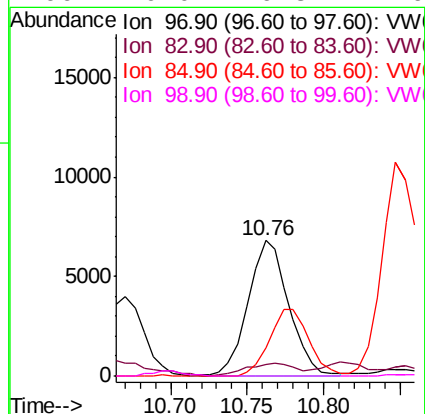
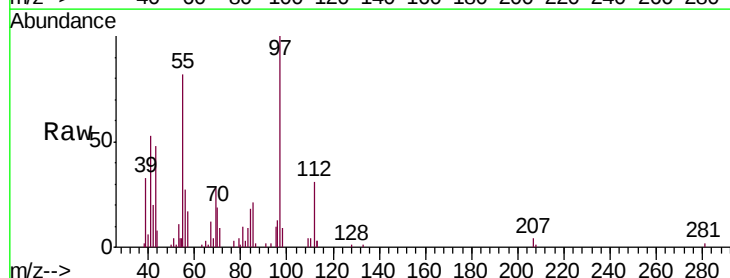
Ion Ratio Lower Upper

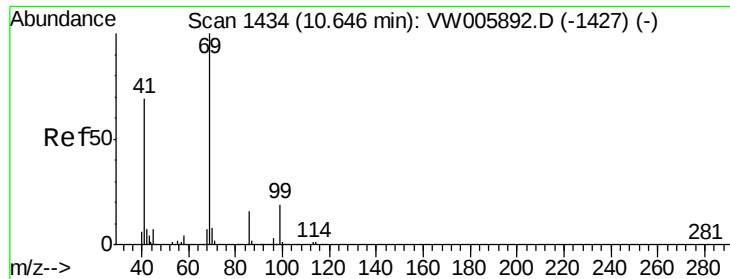
97 100

83 6.7 66.9 100.3#

85 21.1 43.4 65.0#

99 0.0 49.8 74.6#





#56

Ethyl methacrylate

Concen: 1.112 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampled :

SOIL-DRUM

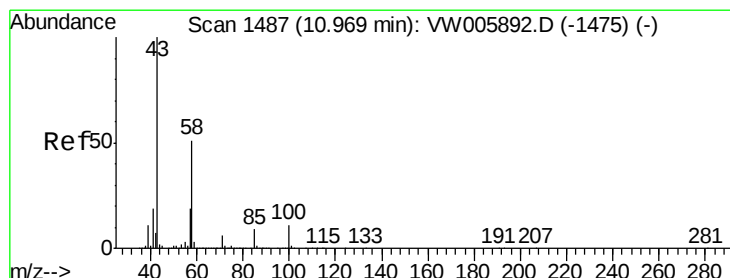
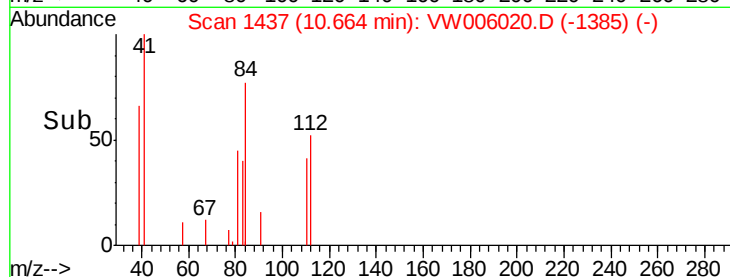
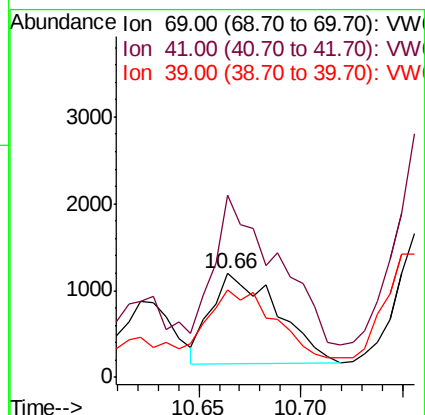
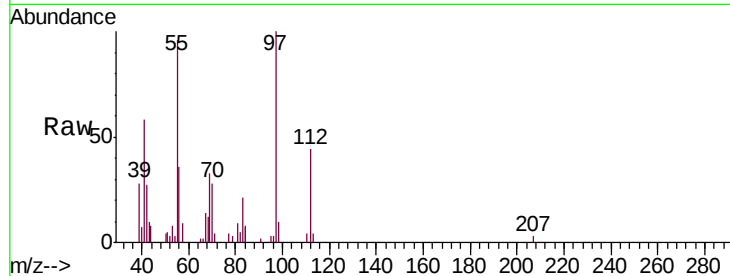
Tgt Ion: 69 Resp: 2376

Ion Ratio Lower Upper

69 100

41 152.5 56.0 84.0#

39 73.6 33.5 50.3#



#59

2-Hexanone

Concen: 30.757 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW006020.D

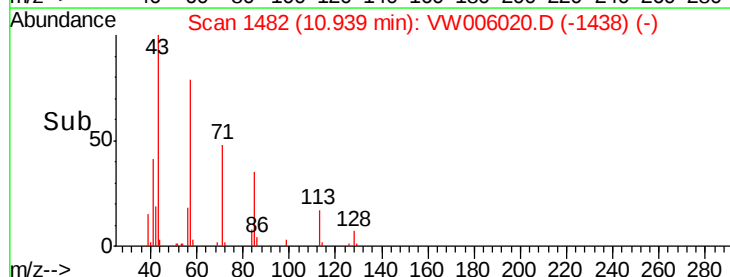
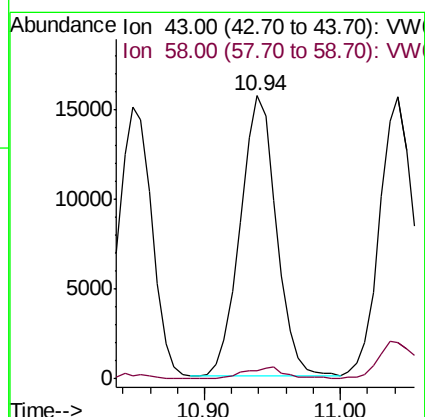
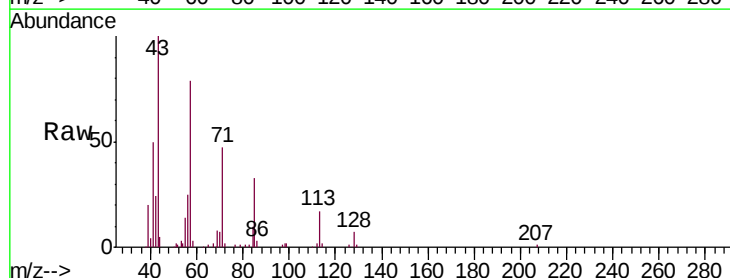
Acq: 11 Oct 2018 06:45

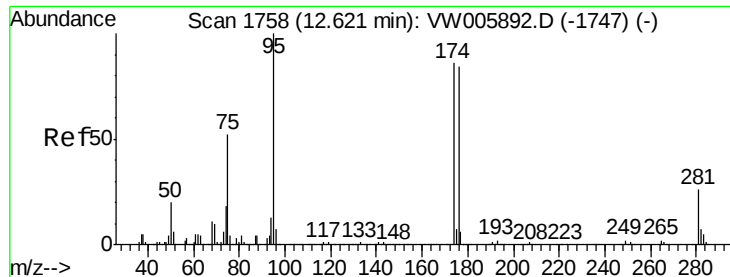
Tgt Ion: 43 Resp: 28887

Ion Ratio Lower Upper

43 100

58 4.7 25.7 77.1#





#62

4-Bromofluorobenzene

Concen: 43.687 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampled :

SOIL-DRUM

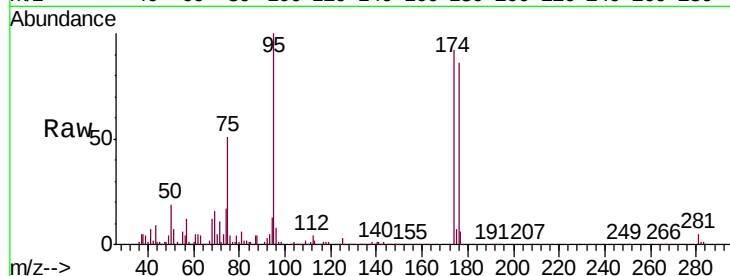
Tgt Ion: 95 Resp: 129570

Ion Ratio Lower Upper

95 100

174 93.2 0.0 176.4

176 89.1 0.0 173.0



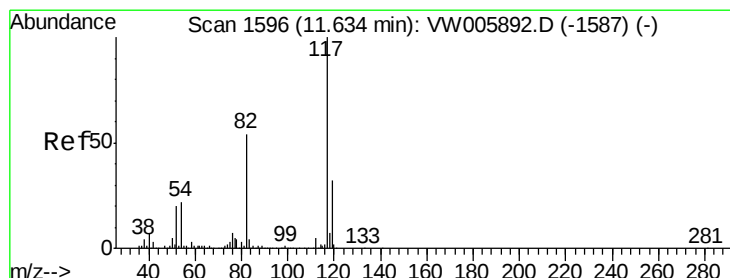
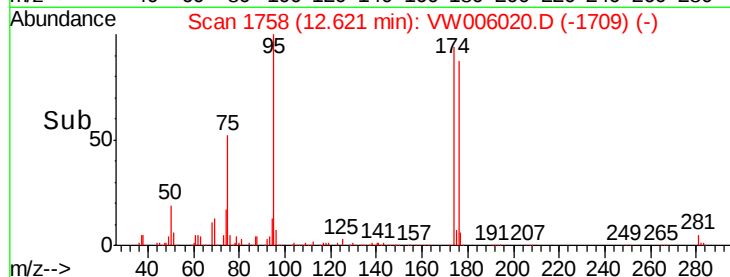
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

Time--> 12.55 12.60 12.65



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

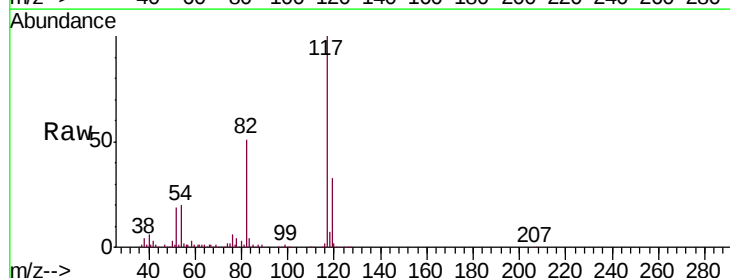
Tgt Ion: 117 Resp: 217831

Ion Ratio Lower Upper

117 100

82 51.2 43.5 65.3

119 32.8 25.4 38.2



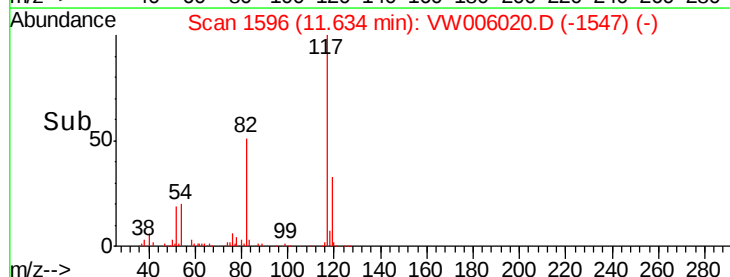
Abundance Ion 116.90 (116.60 to 117.60): VW

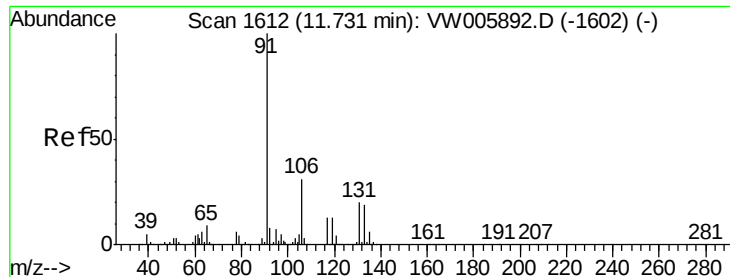
Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

11.63

Time--> 11.60 11.70

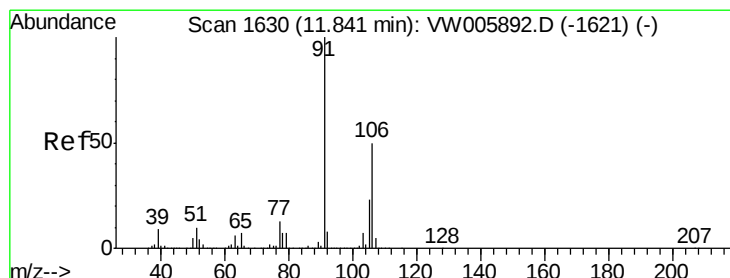
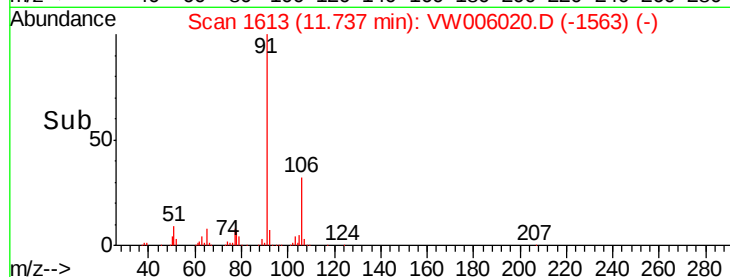
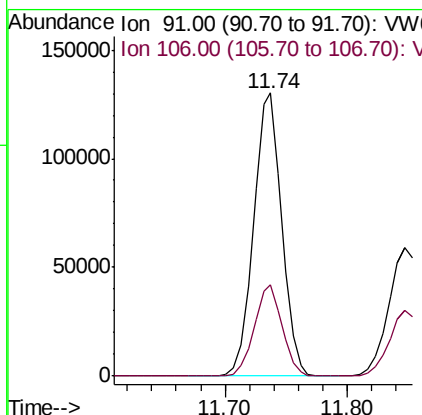
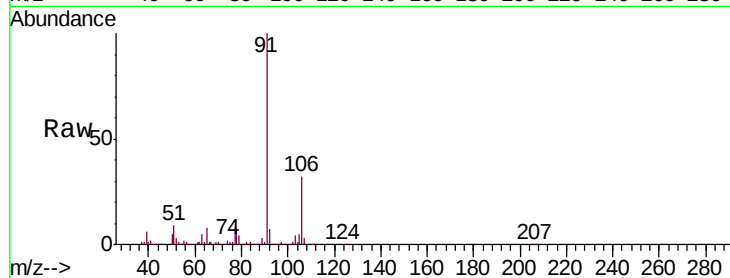




#67
Ethyl Benzene
Concen: 25.253 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

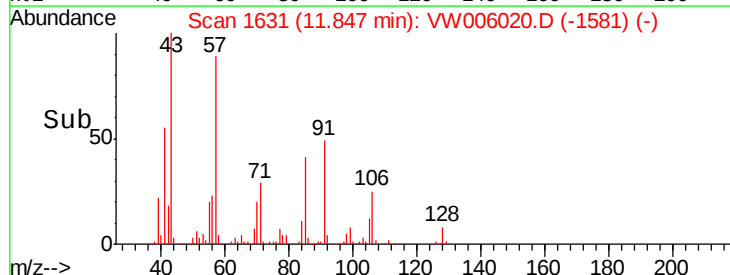
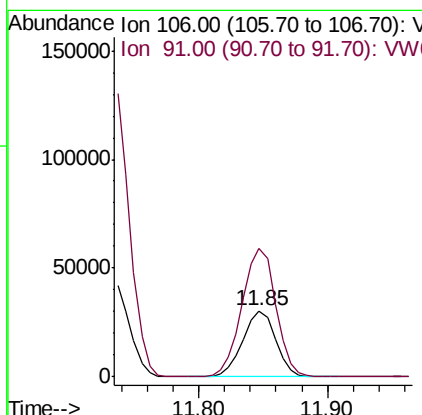
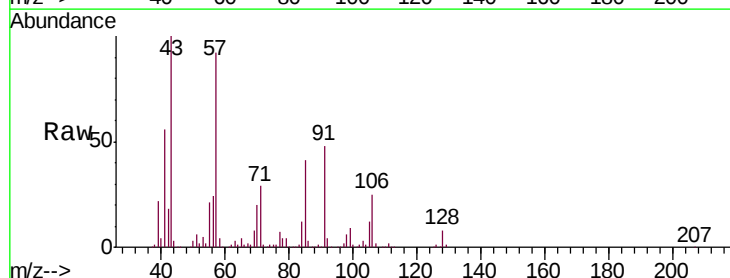
Instrument :
MSVOA_W
ClientSampled :
SOIL-DRUM

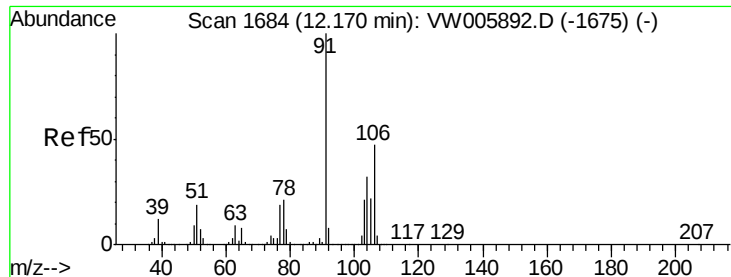
Tgt Ion: 91 Resp: 208123
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6



#68
m/p-Xylenes
Concen: 16.687 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Tgt Ion: 106 Resp: 53744
Ion Ratio Lower Upper
106 100
91 199.4 160.2 240.2

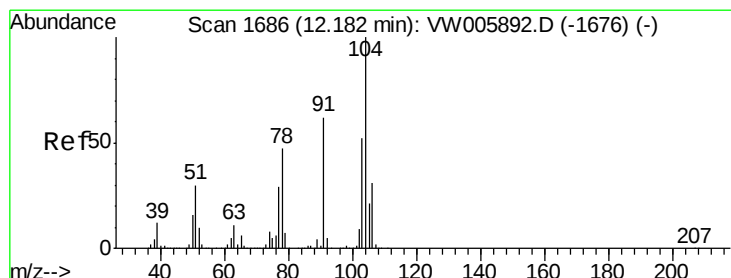
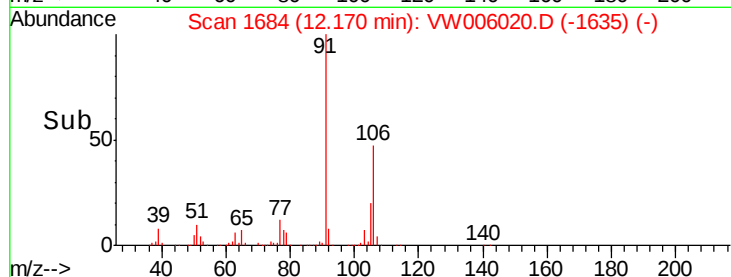
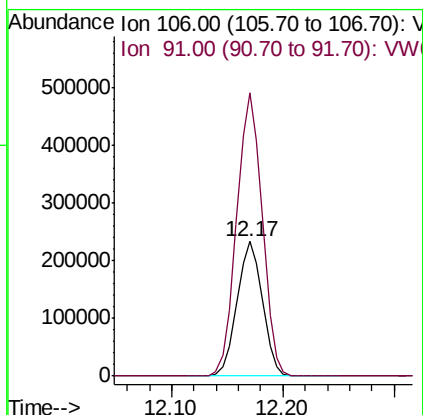
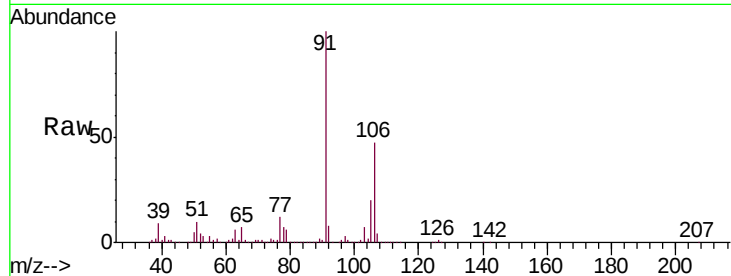




#69
o-Xylene
Concen: 119.413 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

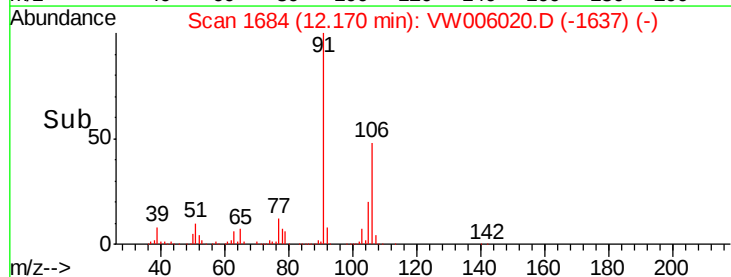
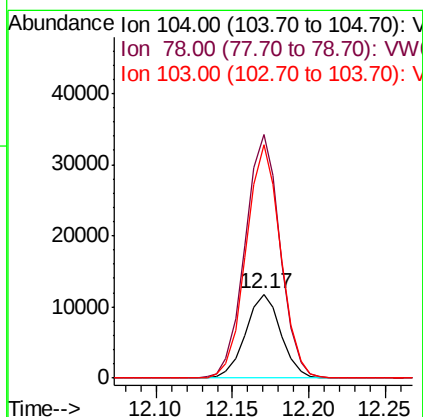
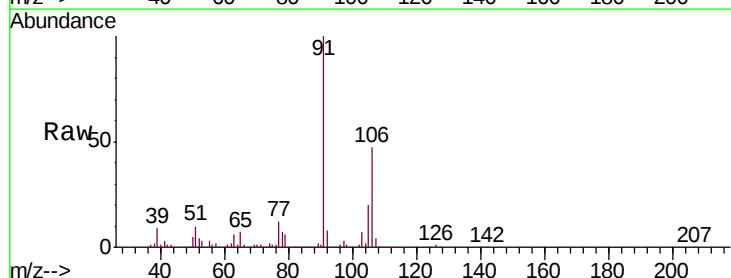
Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

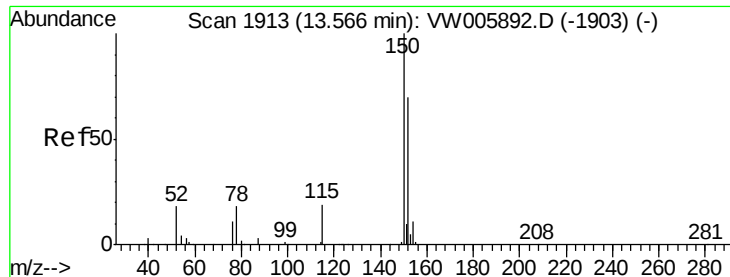
Tgt Ion:106 Resp: 368204
Ion Ratio Lower Upper
106 100
91 211.4 106.2 318.5



#70
Styrene
Concen: 3.671 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Tgt Ion:104 Resp: 18782
Ion Ratio Lower Upper
104 100
78 290.7 40.4 60.6#
103 274.7 44.2 66.2#



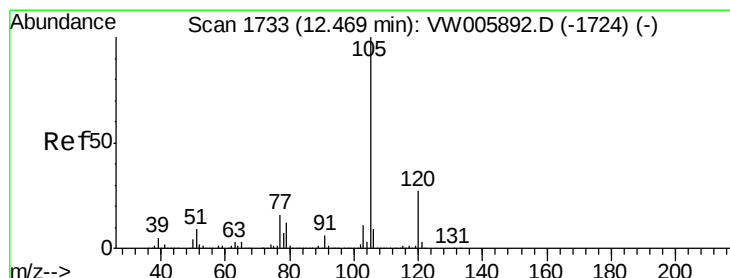
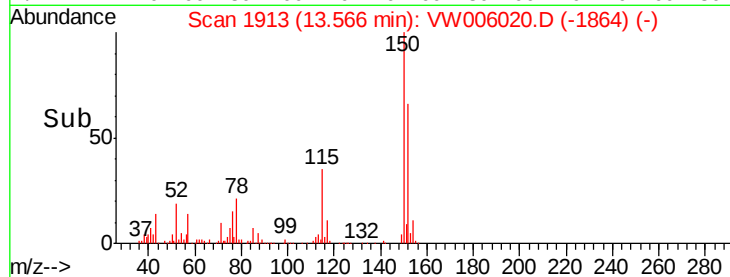
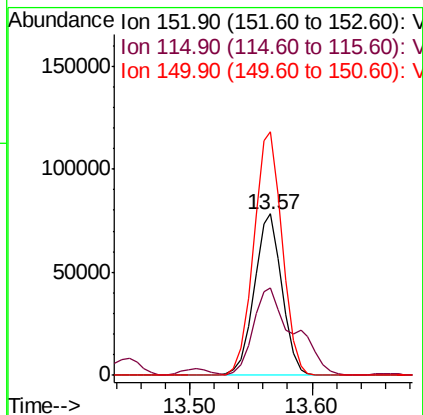
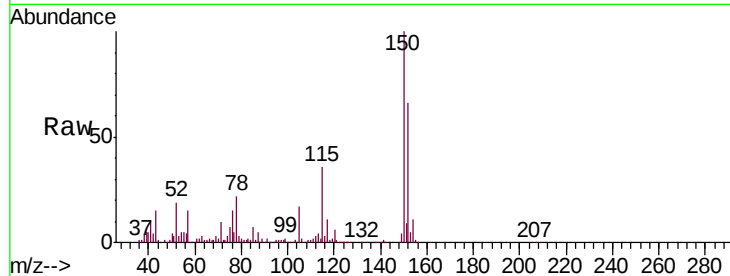


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

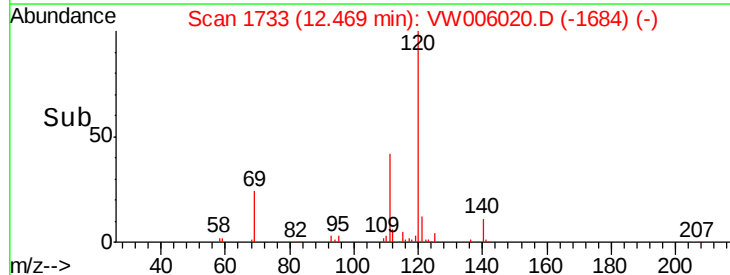
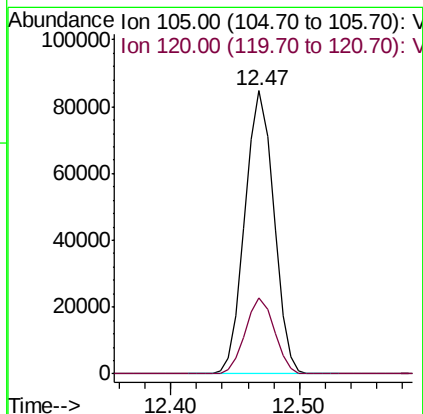
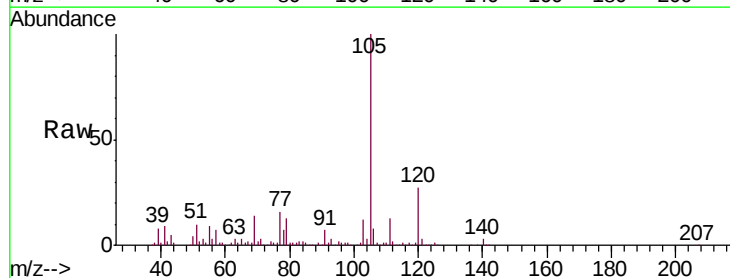
Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.4	28.3	85.0
150	154.2	0.0	349.2

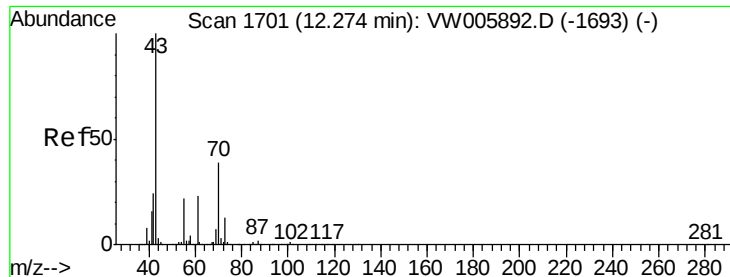


#73

Isopropylbenzene
Concen: 14.639 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.6	40.8





#74

N-ethyl acetate

Concen: 14.506 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

Tgt Ion: 43 Resp: 31041

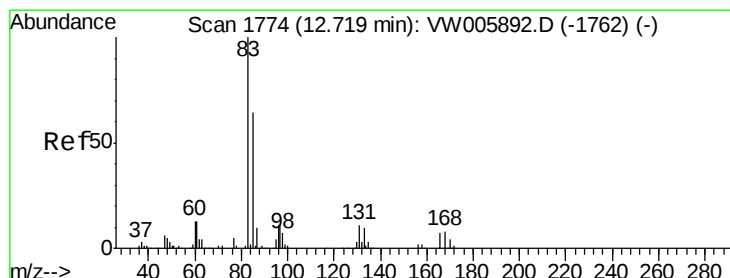
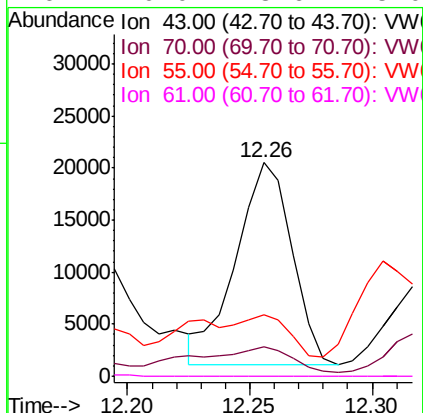
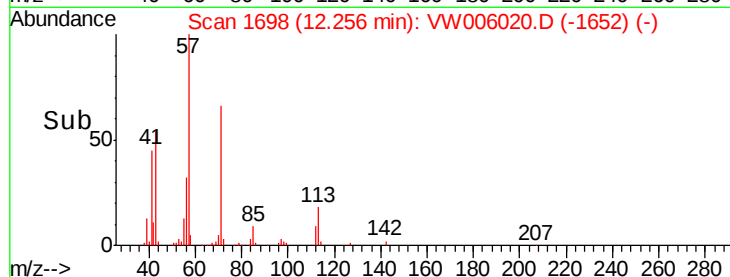
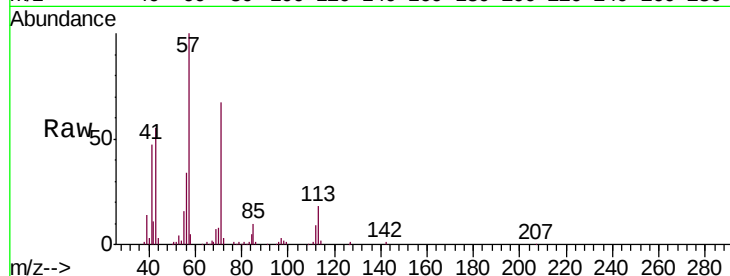
Ion Ratio Lower Upper

43 100

70 11.9 31.6 47.4#

55 15.6 17.9 26.9#

61 0.0 18.6 28.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 6.259 ug/l

RT: 12.65 min Scan# 1763

Delta R.T. -0.07 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

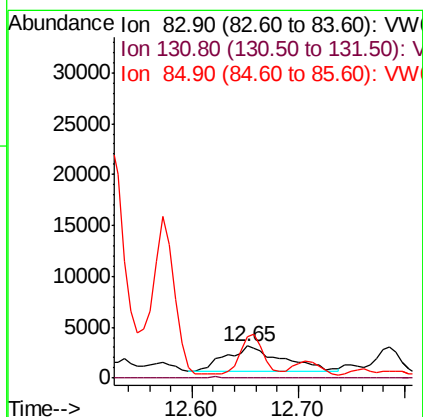
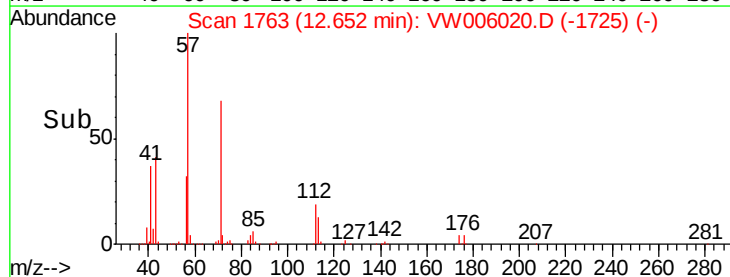
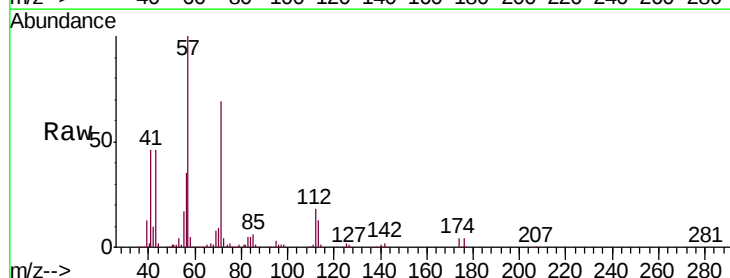
Tgt Ion: 83 Resp: 9244

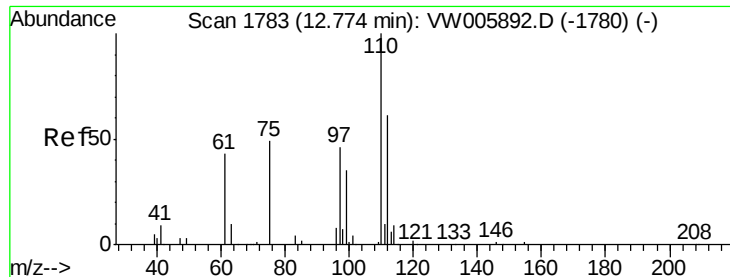
Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.3#

85 69.5 32.4 97.0





#76

1,2,3-Trichloropropane

Concen: 6.294 ug/l

RT: 12.91 min Scan# 1805

Delta R.T. 0.13 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampled :

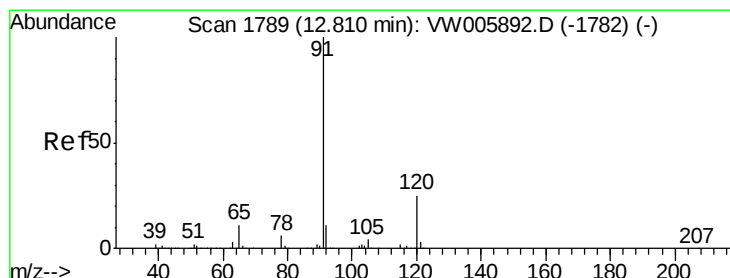
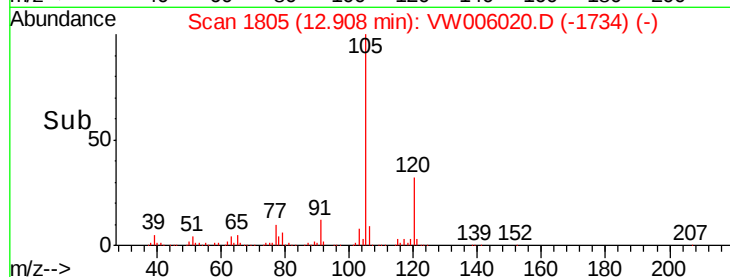
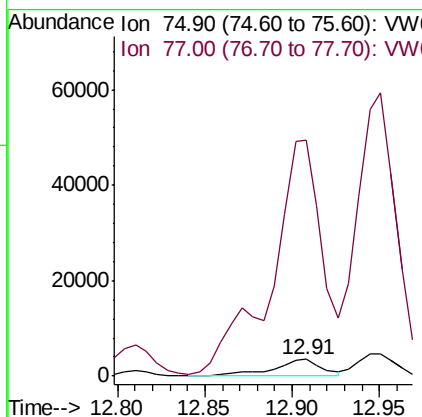
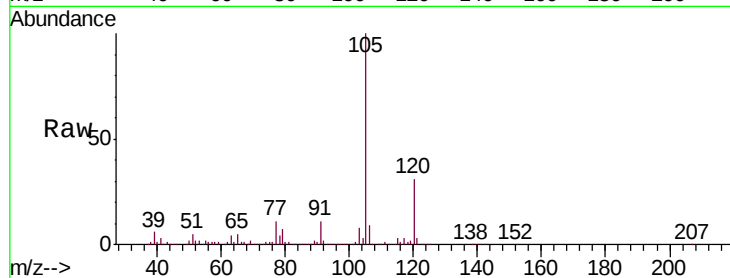
SOIL-DRUM

Tgt Ion: 75 Resp: 6936

Ion Ratio Lower Upper

75 100

77 1437.4 0.0 0.0#



#78

n-propylbenzene

Concen: 23.082 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006020.D

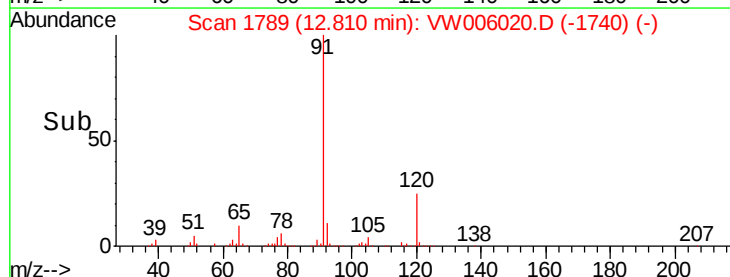
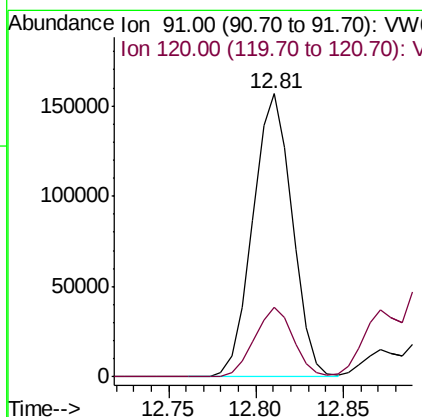
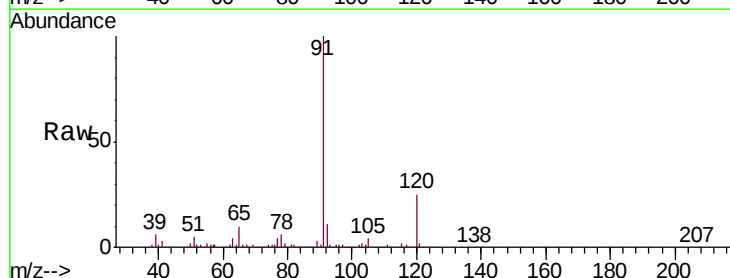
Acq: 11 Oct 2018 06:45

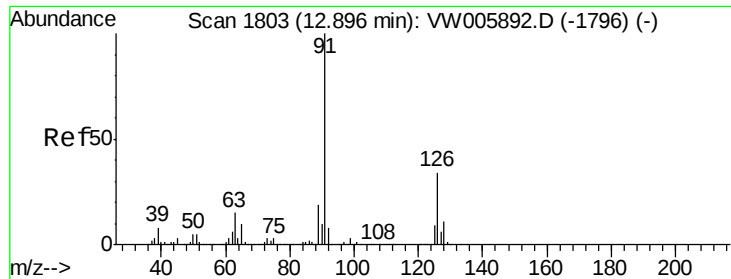
Tgt Ion: 91 Resp: 244646

Ion Ratio Lower Upper

91 100

120 24.2 12.0 36.0

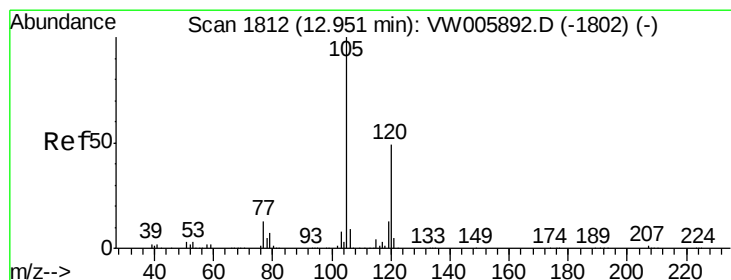
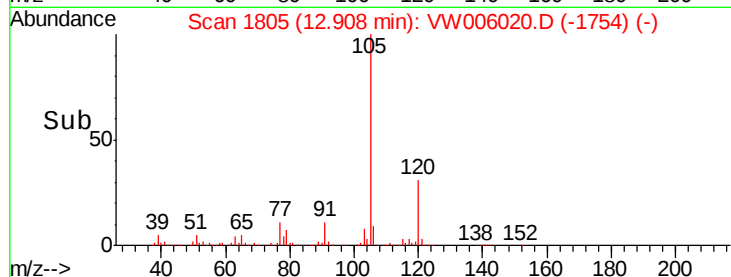
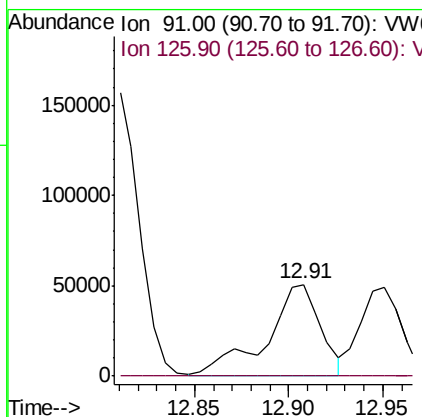
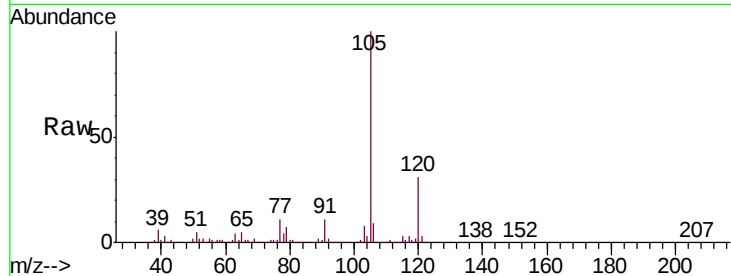




#79
 2-Chlorotoluene
 Concen: 16.771 ug/l
 RT: 12.91 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: VW006020.D
 Acq: 11 Oct 2018 06:45

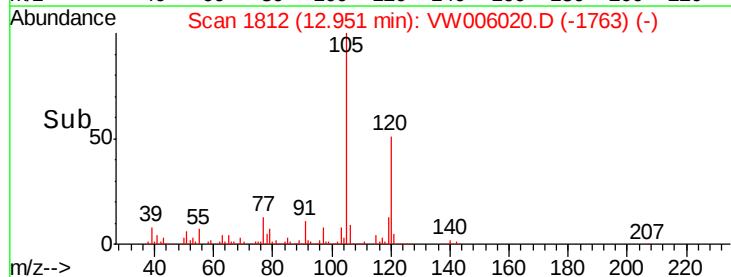
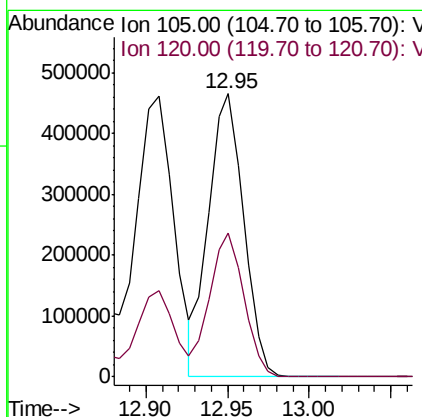
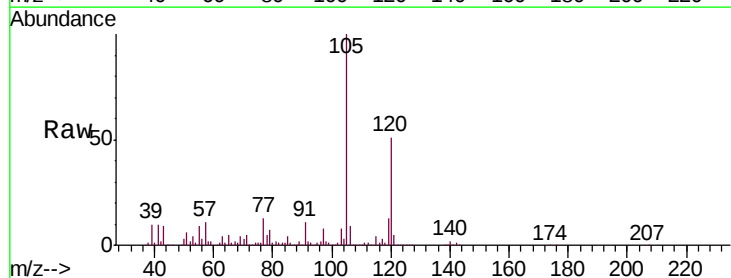
Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

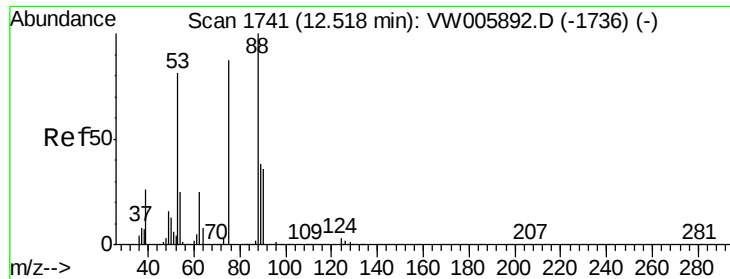
Tgt Ion: 91 Resp: 100347
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.5 52.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 91.768 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006020.D
 Acq: 11 Oct 2018 06:45

Tgt Ion: 105 Resp: 698081
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 126.321 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampled :

SOIL-DRUM

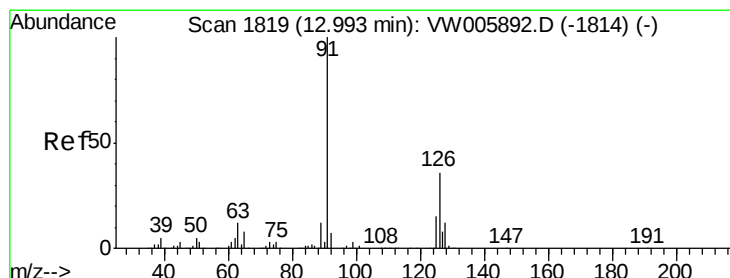
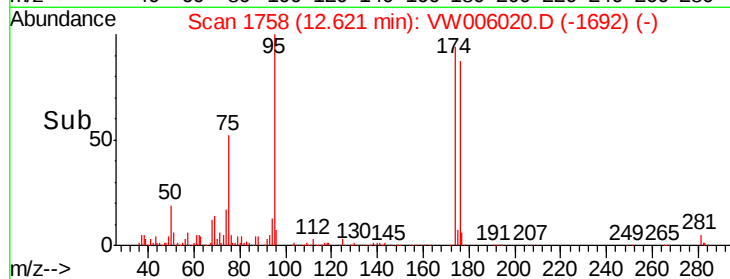
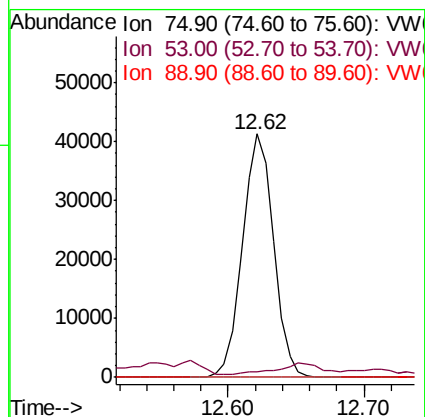
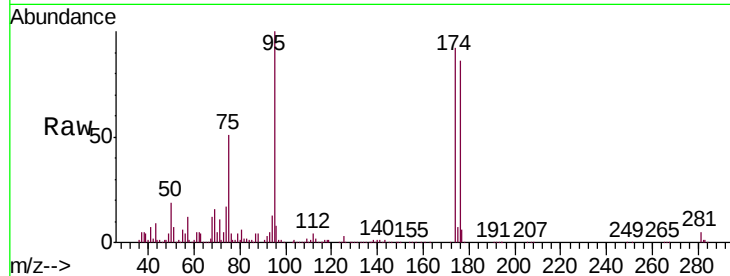
Tgt Ion: 75 Resp: 65944

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



#82

4-Chlorotoluene

Concen: 11.909 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW006020.D

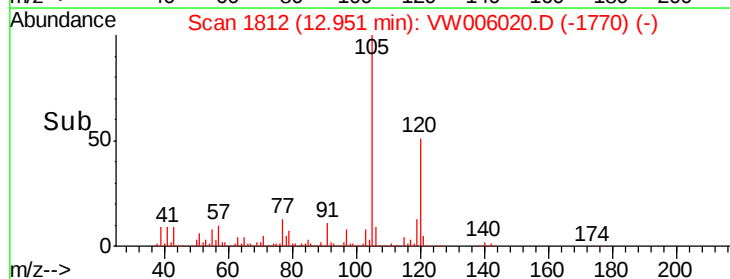
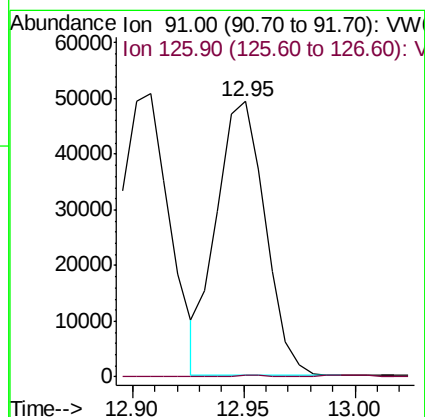
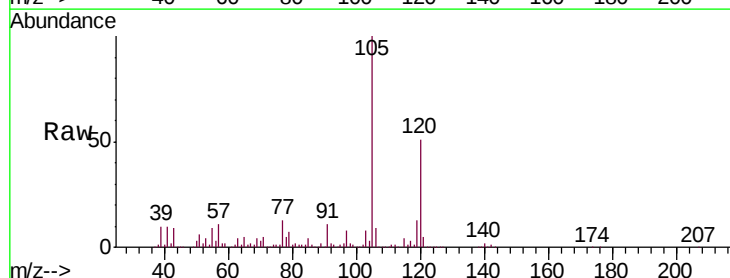
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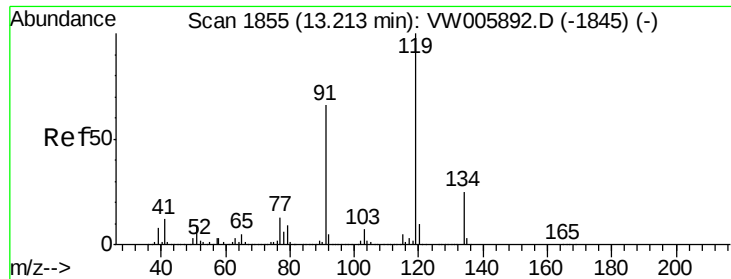
Tgt Ion: 91 Resp: 74967

Ion Ratio Lower Upper

91 100

126 0.7 17.4 52.2#

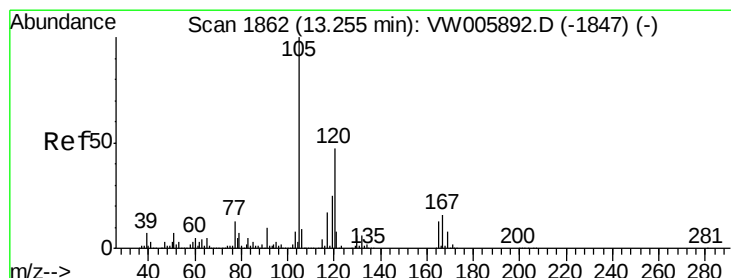
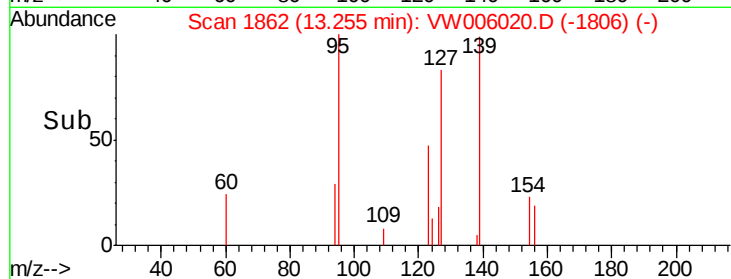
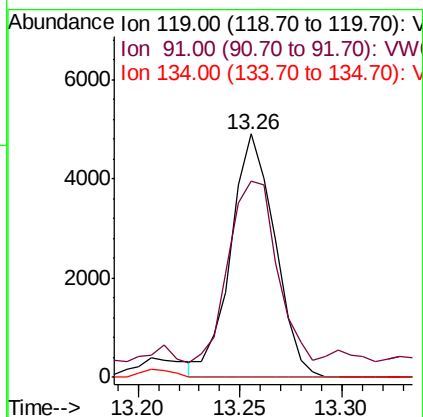
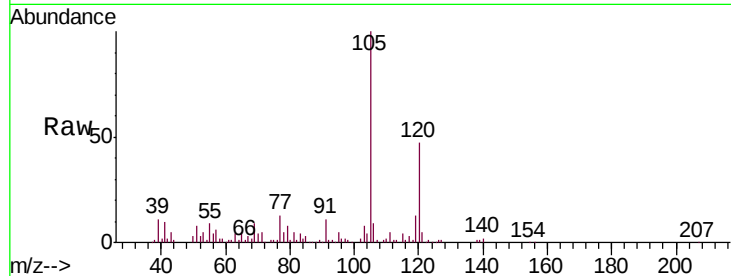




#83
 tert-Butylbenzene
 Concen: 1.087 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.04 min
 Lab File: VW006020.D
 Acq: 11 Oct 2018 06:45

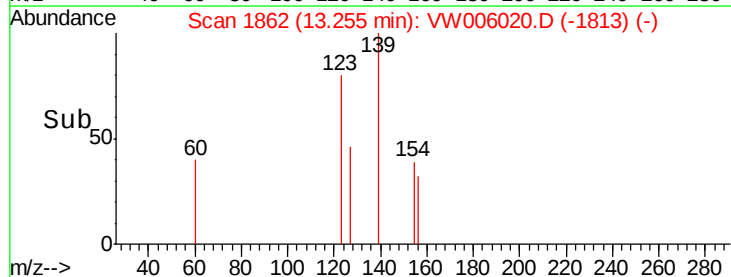
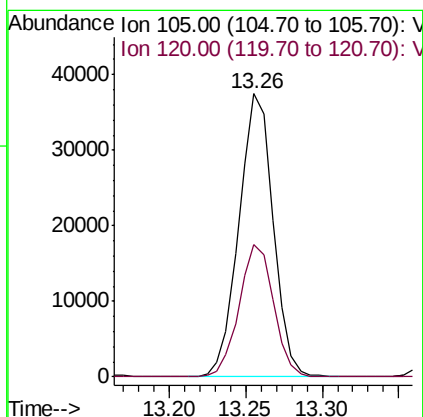
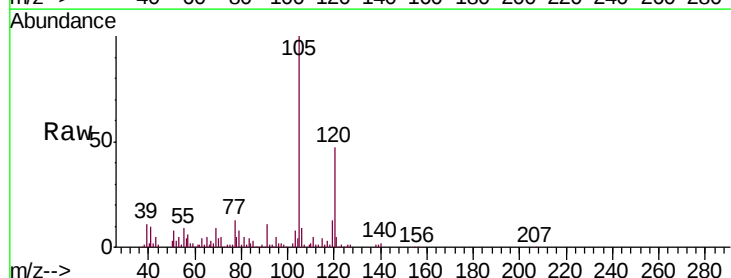
Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

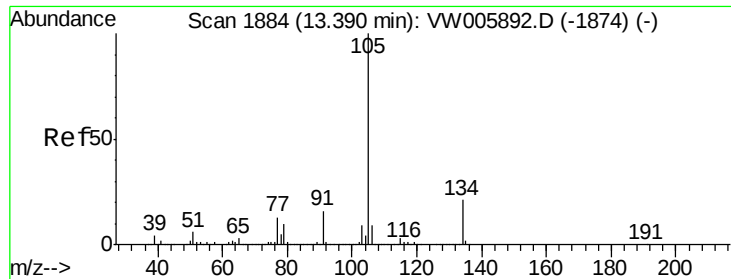
Tgt Ion:119 Resp: 7354
 Ion Ratio Lower Upper
 119 100
 91 81.6 32.4 97.0
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 7.540 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006020.D
 Acq: 11 Oct 2018 06:45

Tgt Ion:105 Resp: 57855
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.8 68.3

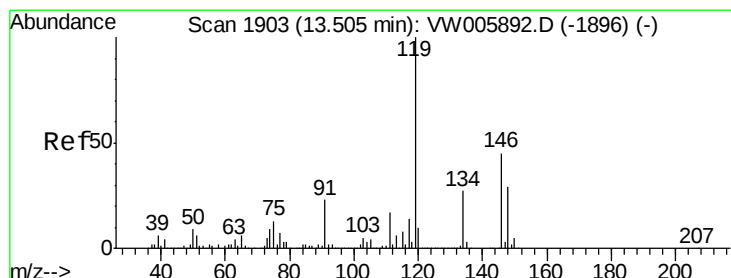
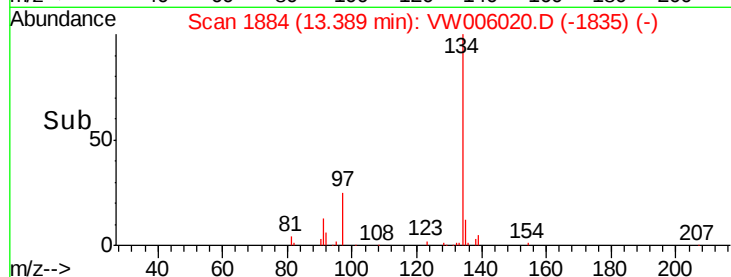
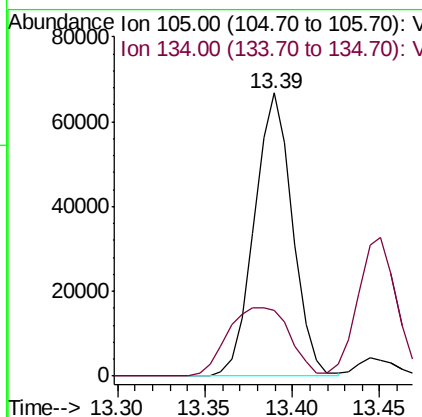
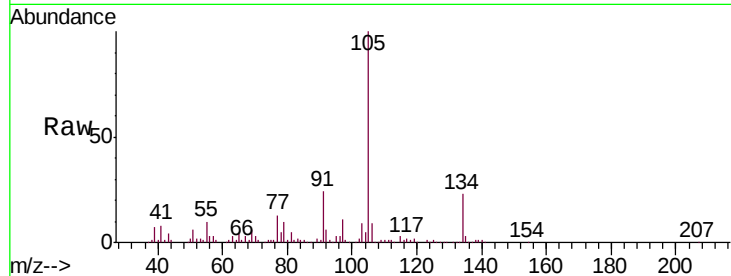




#85
 sec-Butylbenzene
 Concen: 10.708 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006020.D
 Acq: 11 Oct 2018 06:45

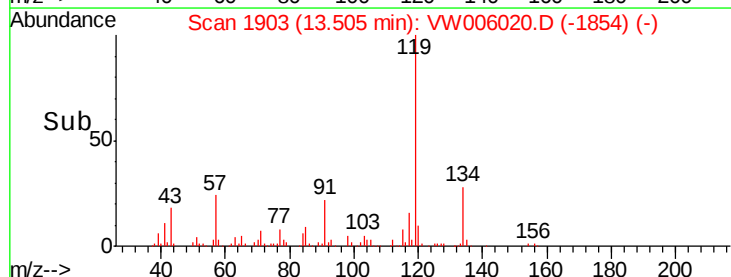
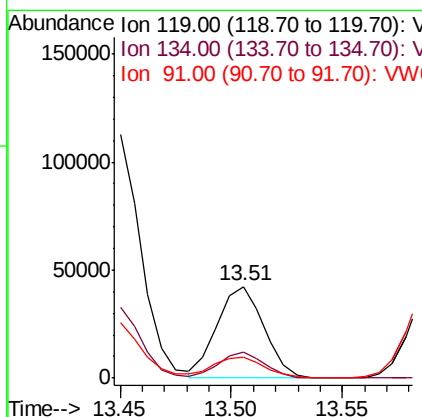
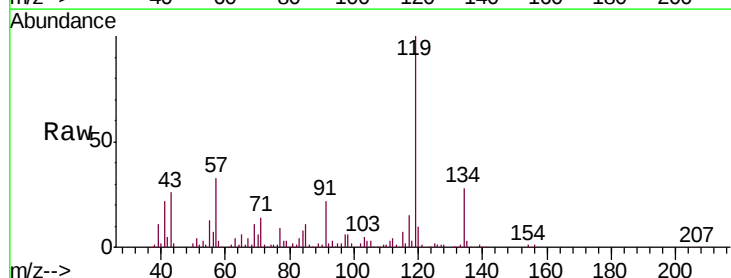
Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

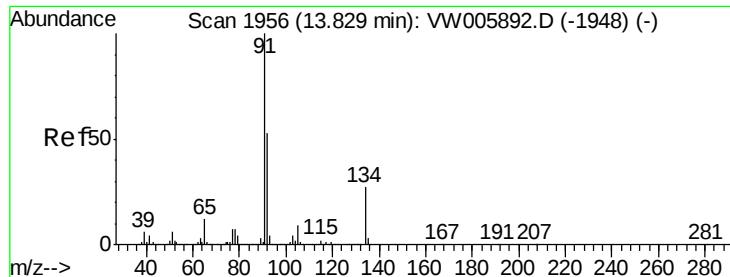
Tgt Ion:105 Resp: 101695
 Ion Ratio Lower Upper
 105 100
 134 39.7 10.4 31.4#



#86
 p-Isopropyltoluene
 Concen: 7.241 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006020.D
 Acq: 11 Oct 2018 06:45

Tgt Ion:119 Resp: 61844
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.5 40.5
 91 23.1 11.9 35.5

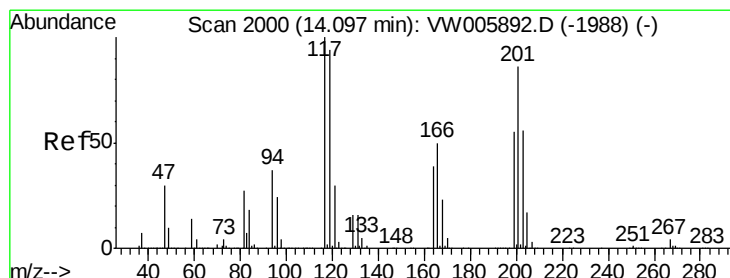
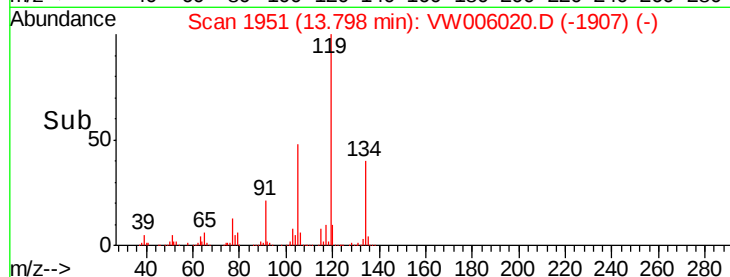
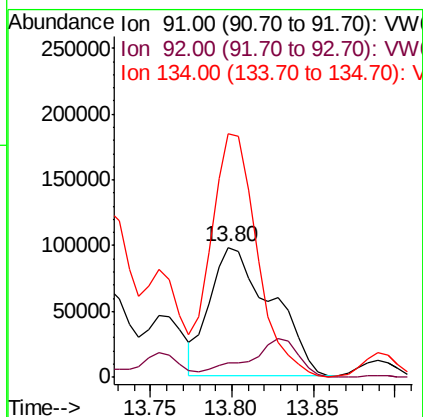
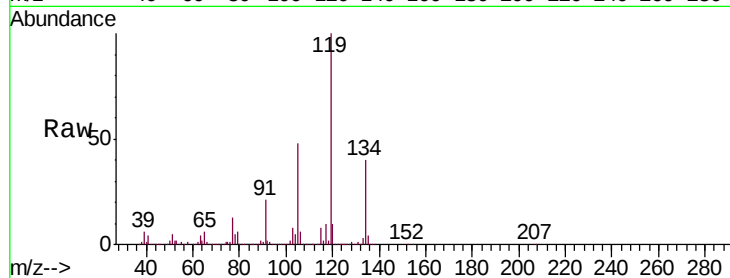




#89
n-Butylbenzene
Concen: 32.006 ug/l
RT: 13.80 min Scan# 1951
Delta R.T. -0.03 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

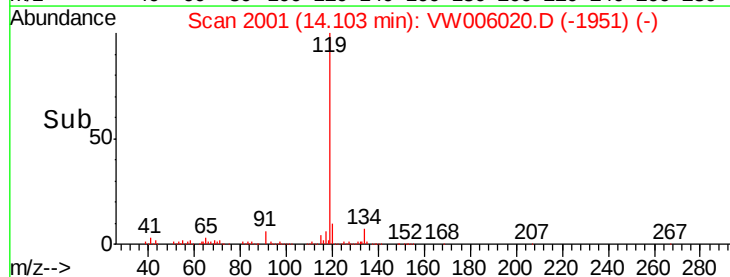
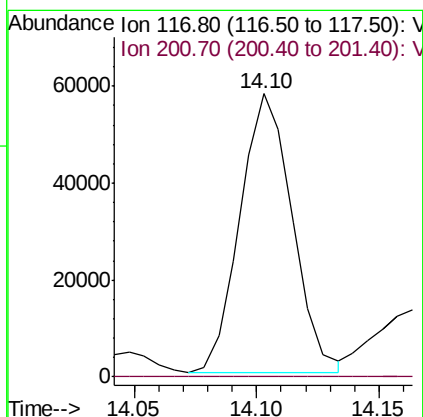
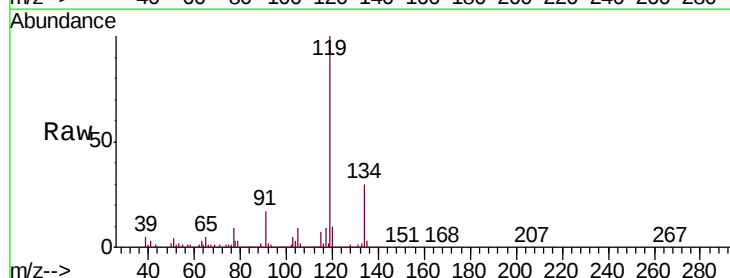
Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

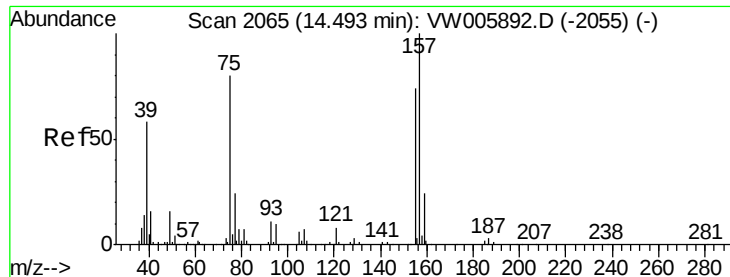
Tgt Ion: 91 Resp: 257669
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.8#
134 140.4 13.8 41.4#



#90
Hexachloroethane
Concen: 53.614 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Tgt Ion: 117 Resp: 86119
Ion Ratio Lower Upper
117 100
201 0.0 44.5 133.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.205 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

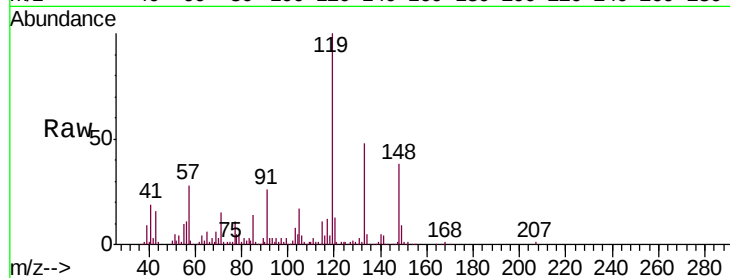
Tgt Ion: 75 Resp: 882

Ion Ratio Lower Upper

75 100

155 29.0 44.8 134.3#

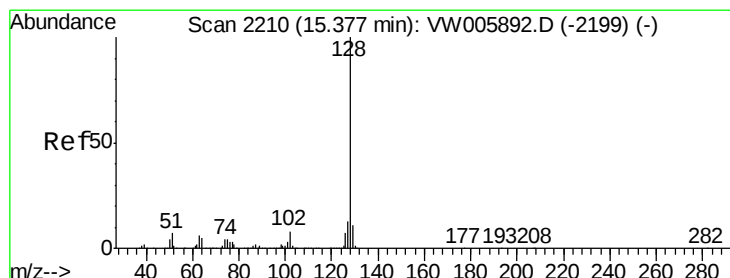
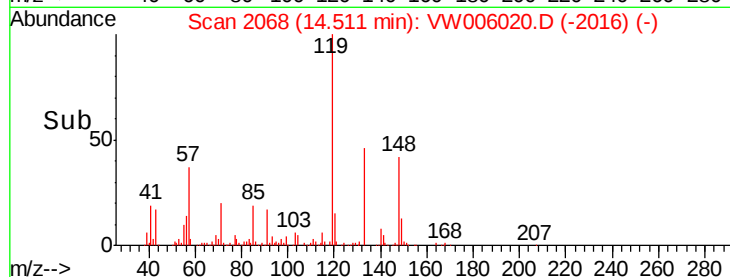
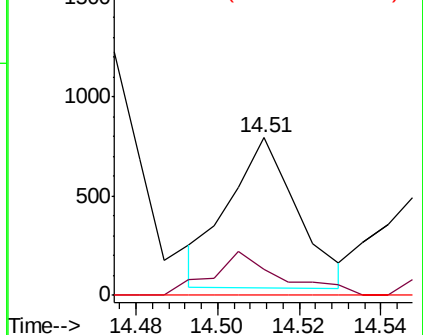
157 0.0 58.9 176.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 22.004 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

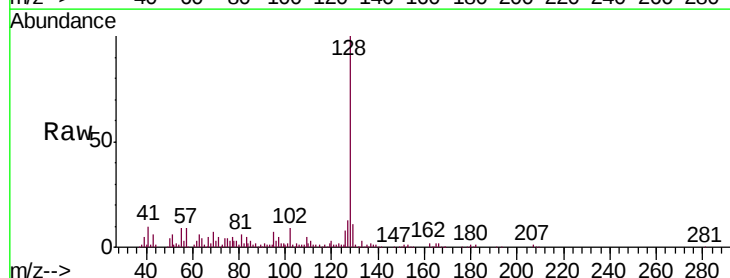
Tgt Ion: 128 Resp: 110732

Ion Ratio Lower Upper

128 100

127 16.5 10.5 15.7#

129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

