

Data File : VW006005.D
Acq On : 11 Oct 2018 00:16
Operator : SY/AP
Sample : J5392-01
Misc : 7.02G/5ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

Quant Time: Oct 11 05:40:42 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	11513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	17041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	13858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	7387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	6356	56.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.74%	
35) Dibromofluoromethane	7.89	113	5392	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.33	98	18610	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	
62) 4-Bromofluorobenzene	12.63	95	7134	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	

Target Compounds

						Qvalue
13) Acrolein	4.10	56	2017	276.324	ug/l #	16
15) Acrylonitrile	5.43	53	379	16.920	ug/l #	41
16) Acetone	4.12	43	7171	321.219	ug/l #	62
20) Methylene Chloride	4.92	84	1559	13.939	ug/l #	83
25) 2-Butanone	7.16	43	258	8.125	ug/l #	49
29) Tetrahydrofuran	7.68	42	92	4.583	ug/l #	34
30) Chloroform	7.68	83	435	2.142	ug/l #	44
31) Cyclohexane	7.93	56	3566	18.225	ug/l #	52
36) 1,1-Dichloropropene	7.96	75	857	5.248	ug/l #	40
37) Ethyl Acetate	7.26	43	110	1.591	ug/l #	69
38) Carbon Tetrachloride	7.95	117	1117	6.367	ug/l #	11
39) Methylcyclohexane	9.33	83	1123	5.214	ug/l #	84
41) Methacrylonitrile	7.48	41	83	1.917	ug/l #	49
43) Isopropyl Acetate	8.43	43	1618	11.202	ug/l #	52
48) Methyl methacrylate	9.47	41	143	2.078	ug/l #	37
51) 4-Methyl-2-Pentanone	10.10	43	8006	113.822	ug/l #	41
52) Toluene	10.40	92	1820	6.199	ug/l	85
59) 2-Hexanone	10.94	43	1449	28.731	ug/l #	26
60) Dibromochloromethane	11.15	129	272	2.475	ug/l	97
61) 1,2-Dibromoethane	11.43	107	96	1.128	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.74	131	154	1.415	ug/l #	34
67) Ethyl Benzene	11.73	91	12766	24.348	ug/l	99
68) m/p-Xylenes	11.84	106	14963	73.026	ug/l	97
69) o-Xylene	12.17	106	13116	66.863	ug/l	91
70) Styrene	12.16	104	847	2.602	ug/l #	1
71) Bromoform	12.37	173	89	1.373	ug/l #	71
73) Isopropylbenzene	12.47	105	6999	12.973	ug/l	98
74) N-amyl acetate	12.26	43	974	7.602	ug/l #	63
76) 1,2,3-Trichloropropane	12.88	75	2334	35.371	ug/l #	100
77) Bromobenzene	12.92	156	181442	1419.573	ug/l #	1
78) n-propylbenzene	12.81	91	16221	25.560	ug/l	95
79) 2-Chlorotoluene	12.91	91	3319	9.265	ug/l #	65
80) 1,3,5-Trimethylbenzene	12.95	105	25469	55.919	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.44	75	707	22.619	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101118\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

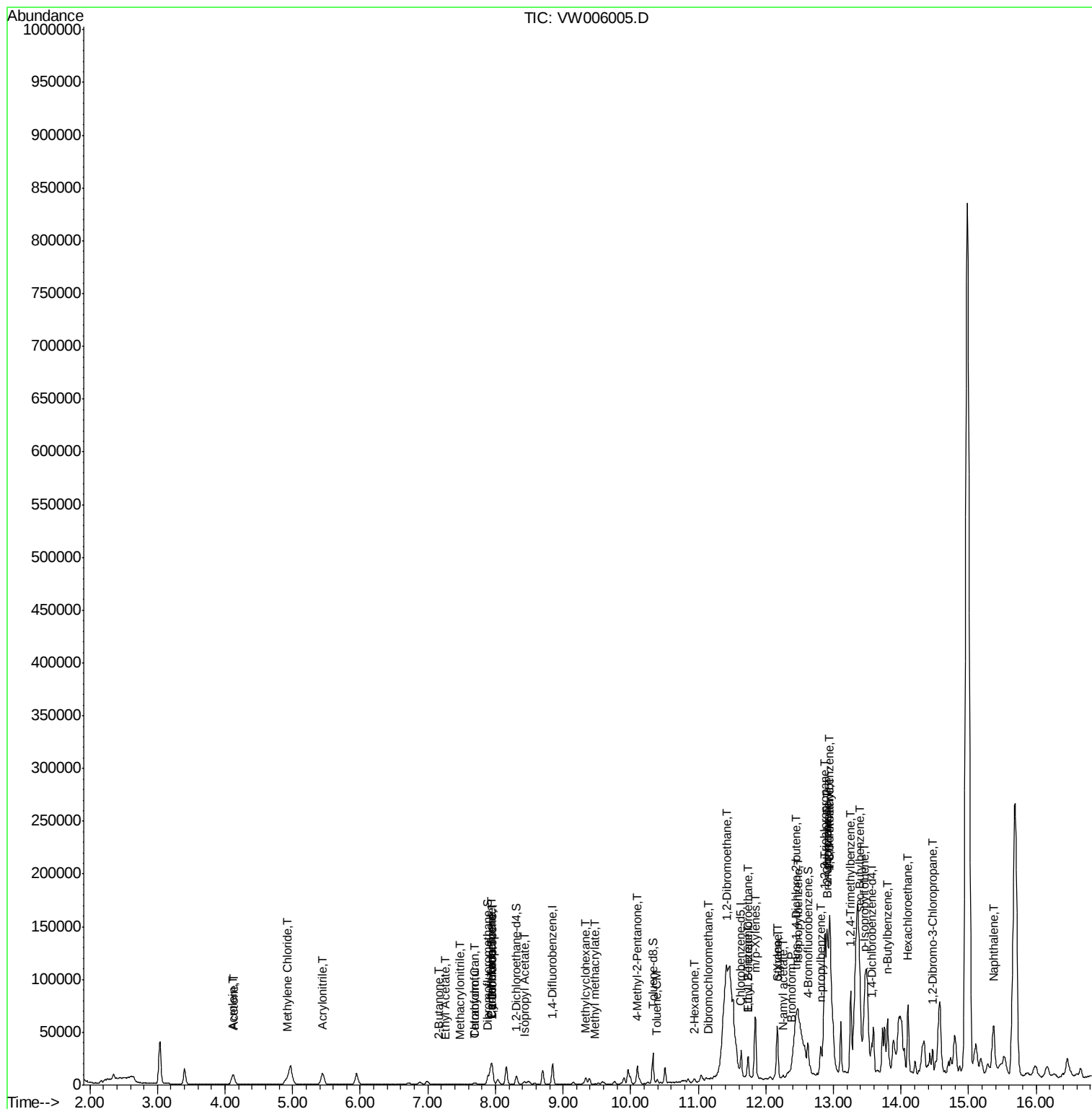
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.94	91	3789	10.053	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.26	105	39111	85.129	ug/l	98
85) sec-Butylbenzene	13.39	105	4682	8.234	ug/l #	45
86) p-Isopropyltoluene	13.45	119	5952	11.639	ug/l	87
89) n-Butylbenzene	13.80	91	3459	7.176	ug/l #	1
90) Hexachloroethane	14.10	117	2818	29.301	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.46	75	108	6.554	ug/l #	56
95) Naphthalene	15.38	128	10465	34.732	ug/l	95

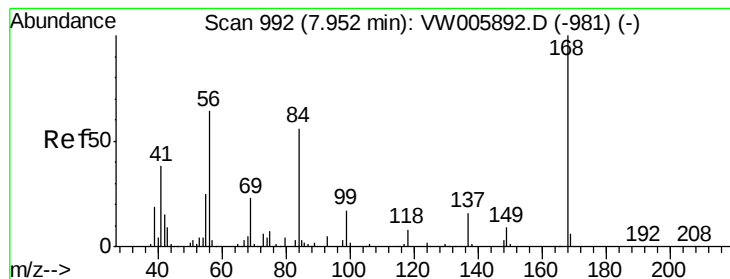
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampleId :

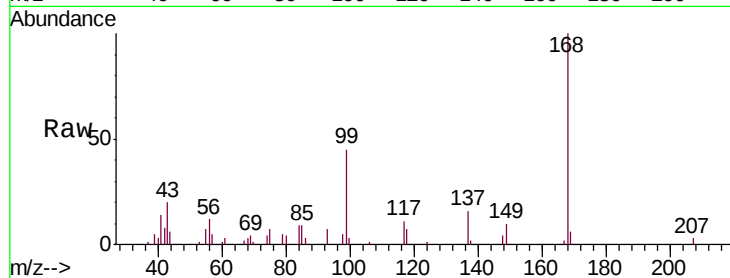
SOIL-DRUM

Tgt Ion:168 Resp: 11513

Ion Ratio Lower Upper

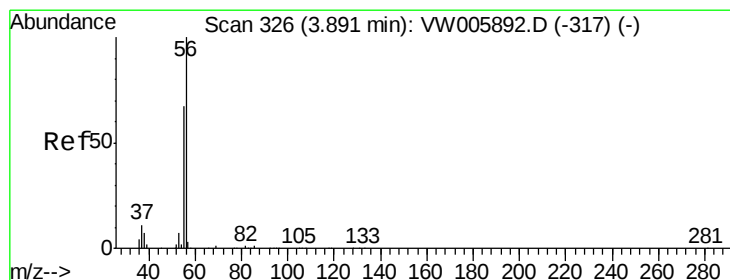
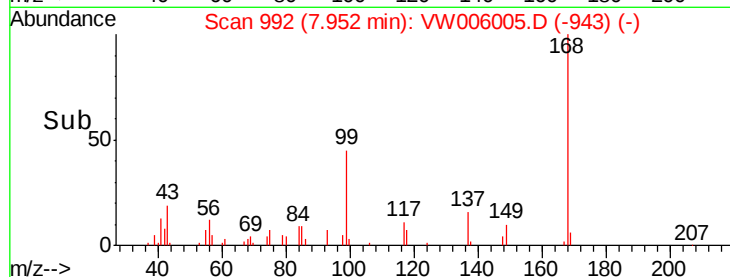
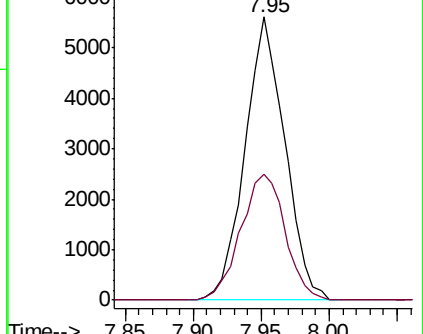
168 100

99 44.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 276.324 ug/l

RT: 4.10 min Scan# 361

Delta R.T. 0.21 min

Lab File: VW006005.D

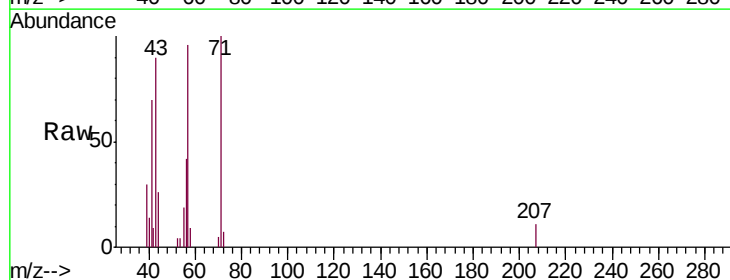
Acq: 11 Oct 2018 00:16

Tgt Ion: 56 Resp: 2017

Ion Ratio Lower Upper

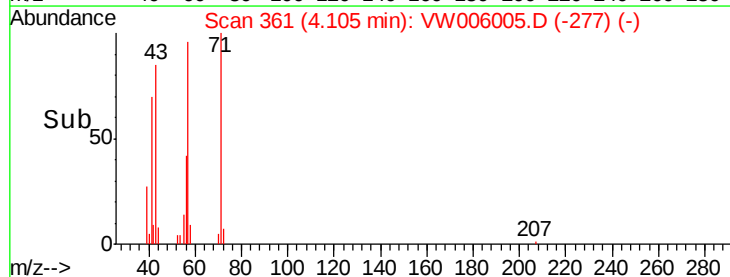
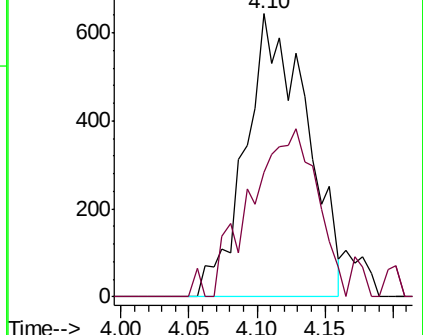
56 100

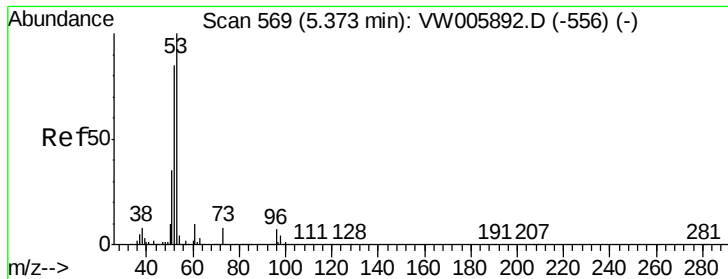
55 0.0 54.6 82.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#15

Acrylonitrile

Concen: 16.920 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.05 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

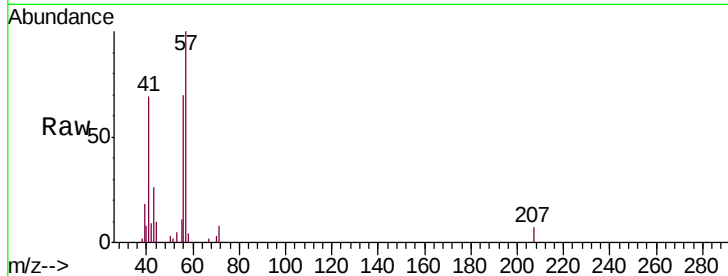
Tgt Ion: 53 Resp: 379

Ion Ratio Lower Upper

53 100

52 7.1 66.8 100.2#

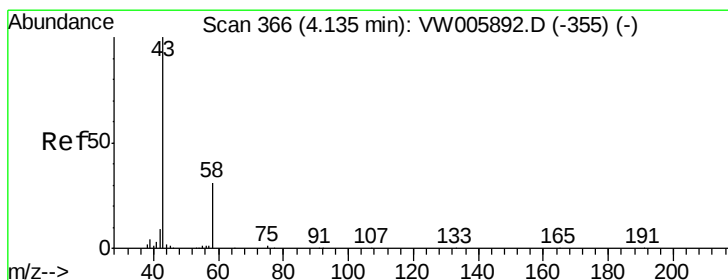
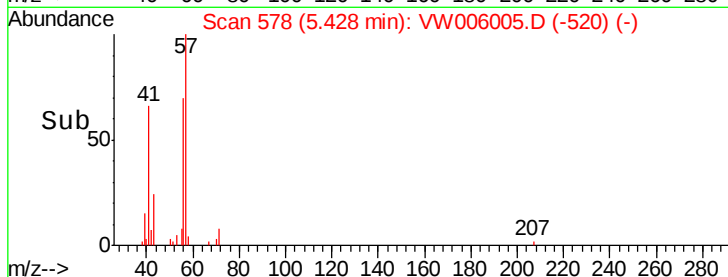
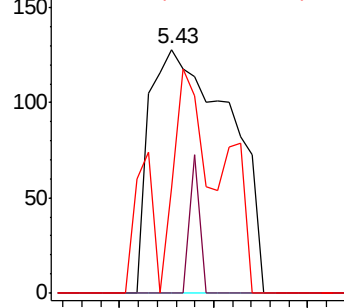
51 37.5 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 321.219 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW006005.D

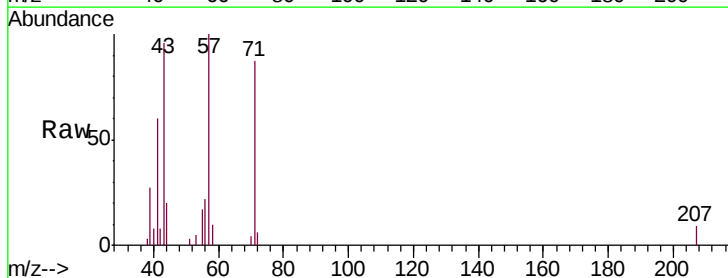
Acq: 11 Oct 2018 00:16

Tgt Ion: 43 Resp: 7171

Ion Ratio Lower Upper

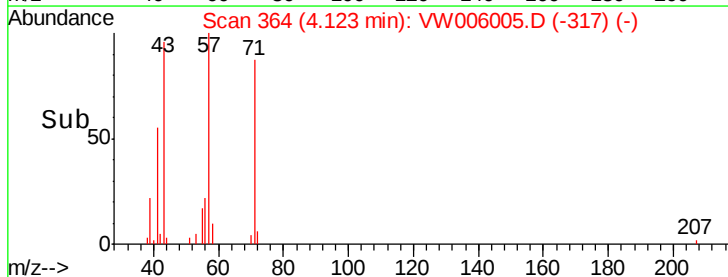
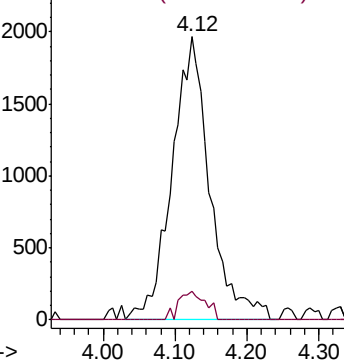
43 100

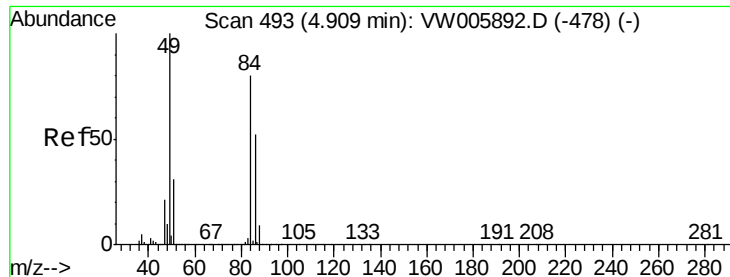
58 9.9 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 13.939 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampled :

SOIL-DRUM

Tgt Ion: 84 Resp: 1559

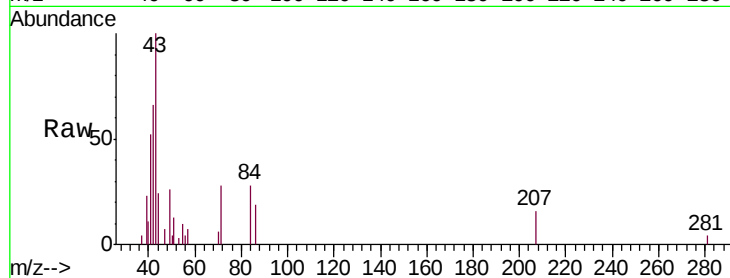
Ion Ratio Lower Upper

84 100

49 92.9 99.9 149.9#

51 44.2 31.1 46.7

86 65.5 51.8 77.6

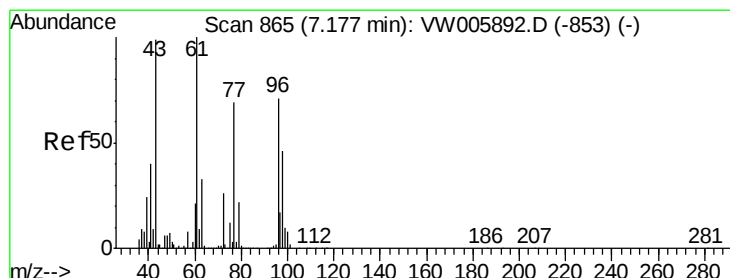
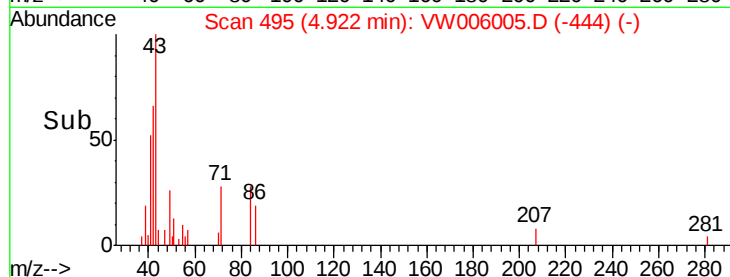
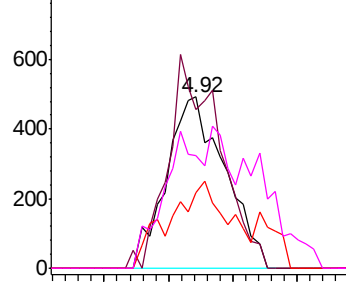


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 8.125 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006005.D

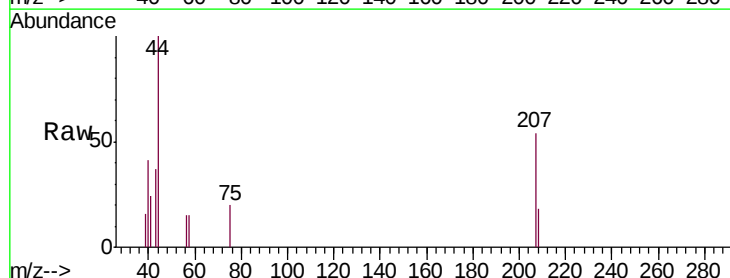
Acq: 11 Oct 2018 00:16

Tgt Ion: 43 Resp: 258

Ion Ratio Lower Upper

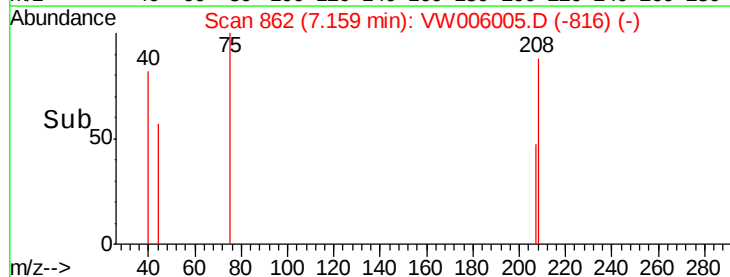
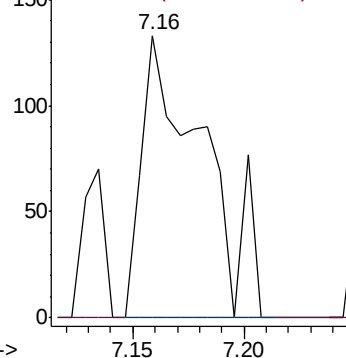
43 100

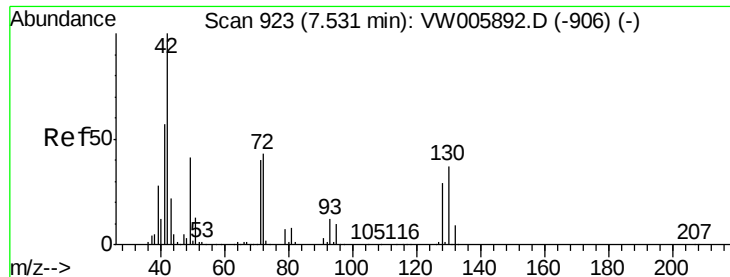
72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#29

Tetrahydrofuran

Concen: 4.583 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.15 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampled :

SOIL-DRUM

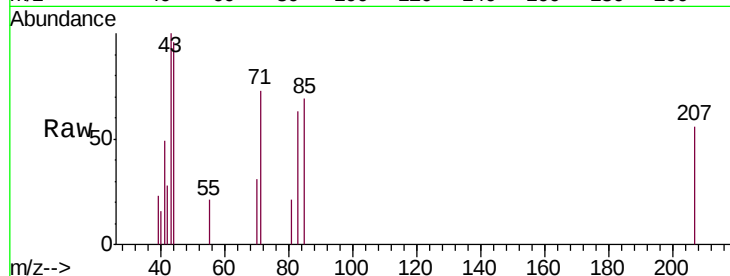
Tgt Ion: 42 Resp: 92

Ion Ratio Lower Upper

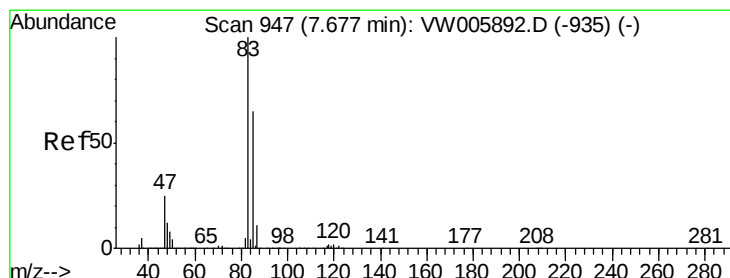
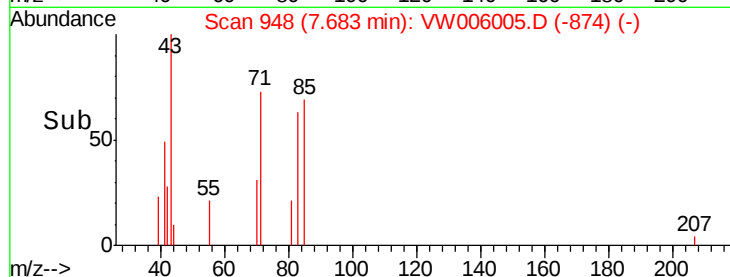
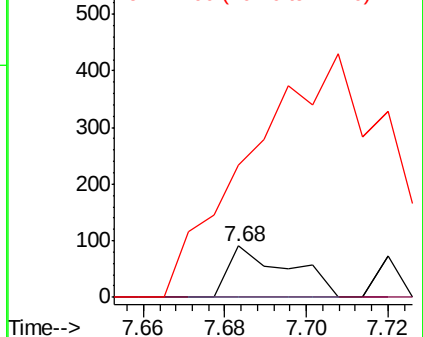
42 100

72 0.0 34.6 51.8#

71 0.0 32.6 49.0#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 2.142 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW006005.D

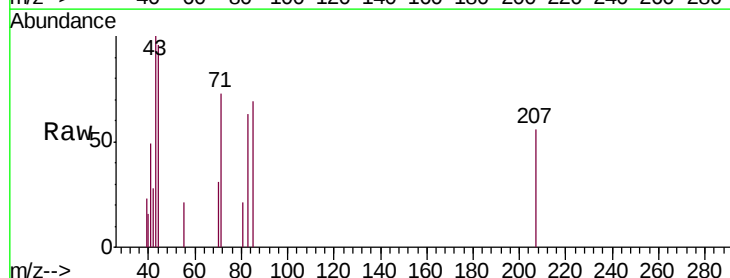
Acq: 11 Oct 2018 00:16

Tgt Ion: 83 Resp: 435

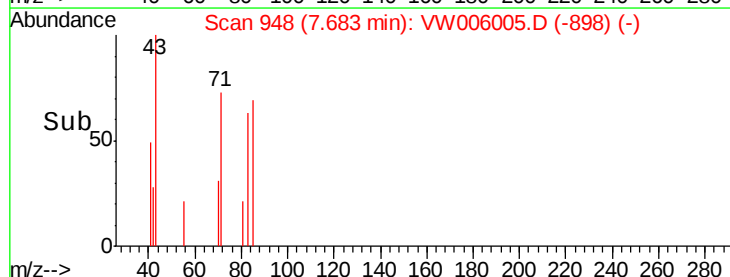
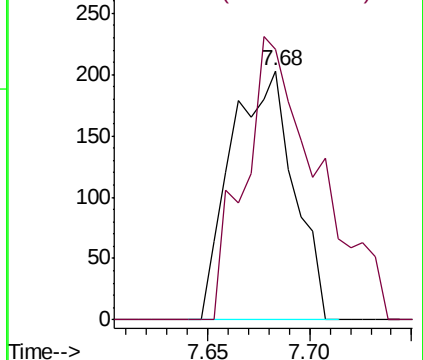
Ion Ratio Lower Upper

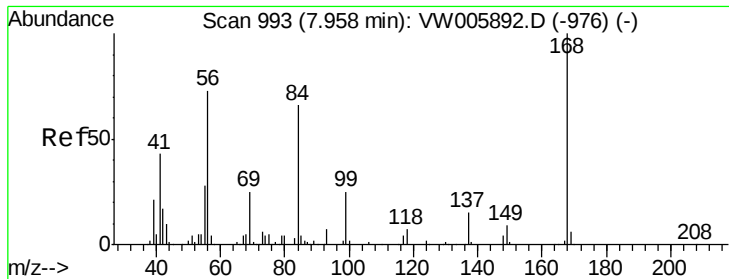
83 100

85 108.9 51.6 77.4#



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

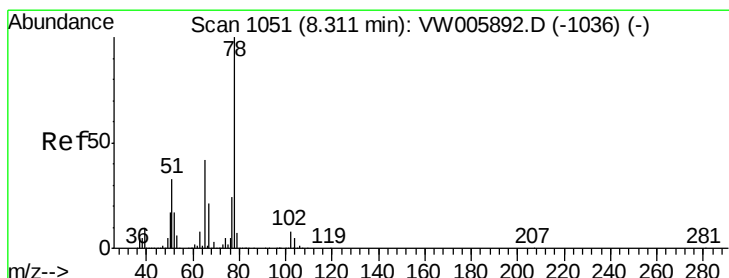
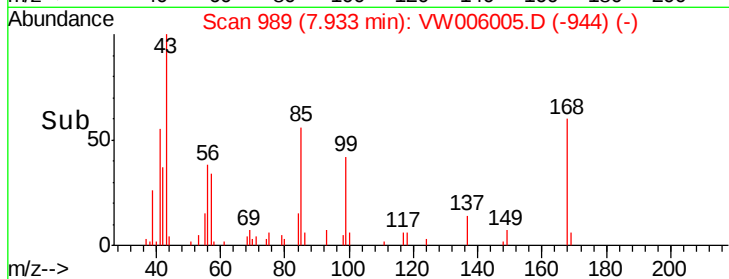
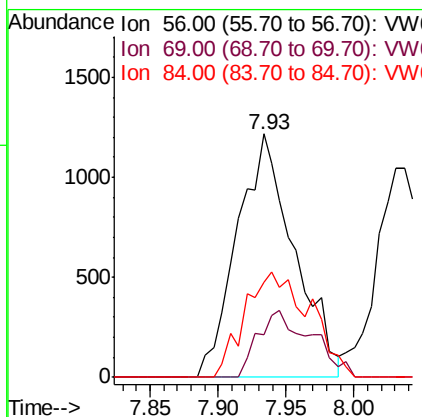
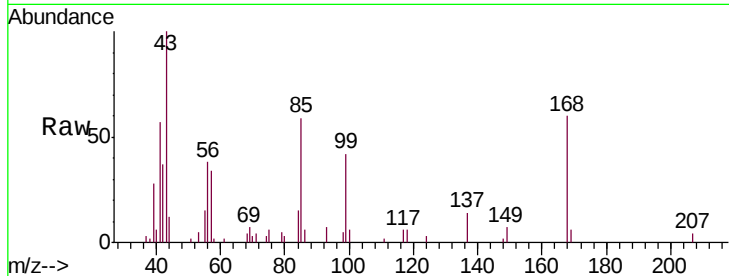




#31
Cyclohexane
Concen: 18.225 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

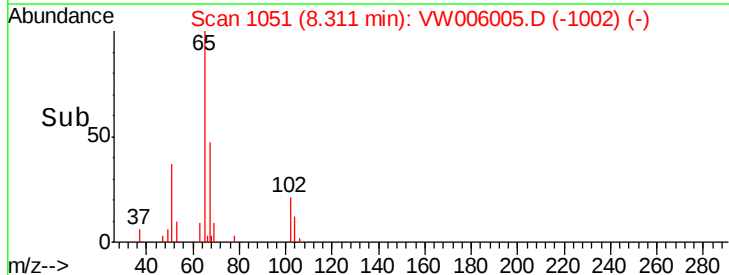
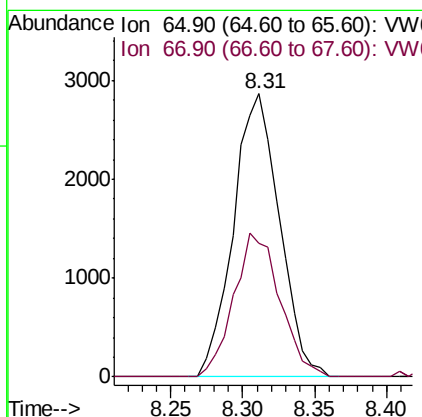
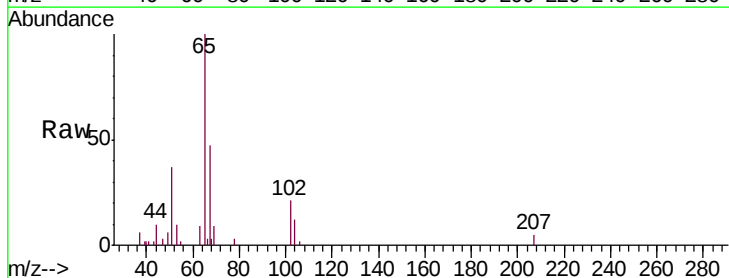
Instrument :
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SOIL-DRUM

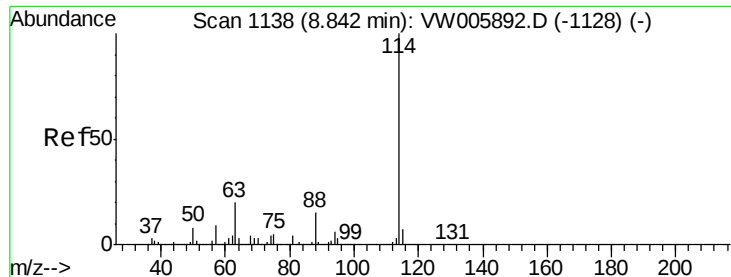
Tgt Ion: 56 Resp: 3566
Ion Ratio Lower Upper
56 100
69 17.7 27.9 41.9#
84 38.8 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 56.869 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion: 65 Resp: 6356
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

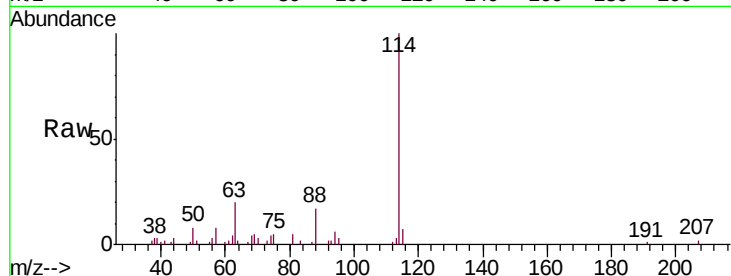
Tgt Ion:114 Resp: 17041

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

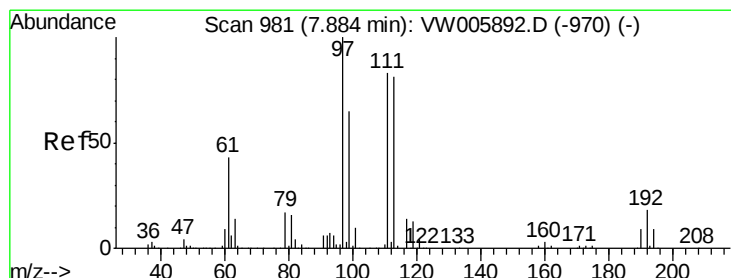
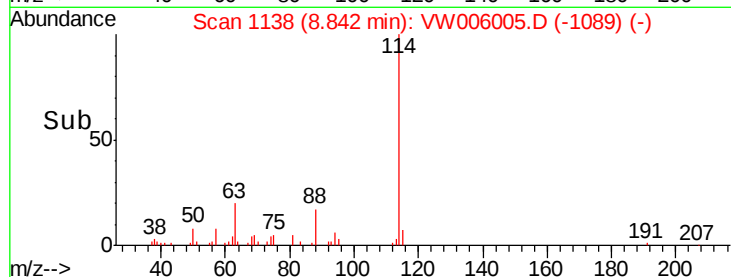
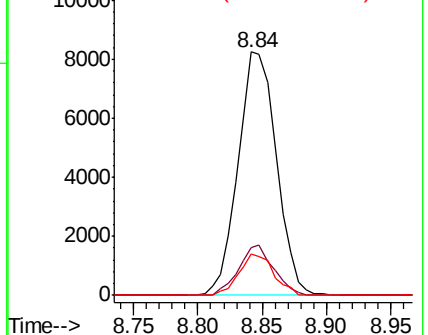
88 17.1 0.0 30.8



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



#35

Dibromofluoromethane

Concen: 49.559 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

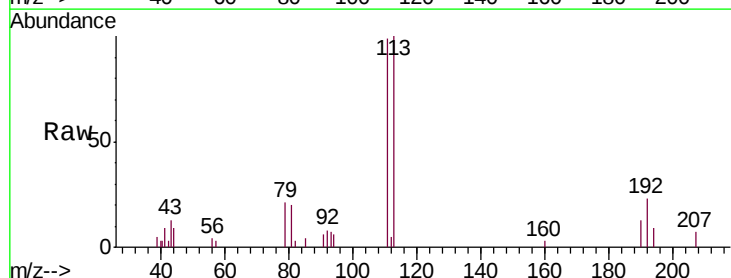
Tgt Ion:113 Resp: 5392

Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

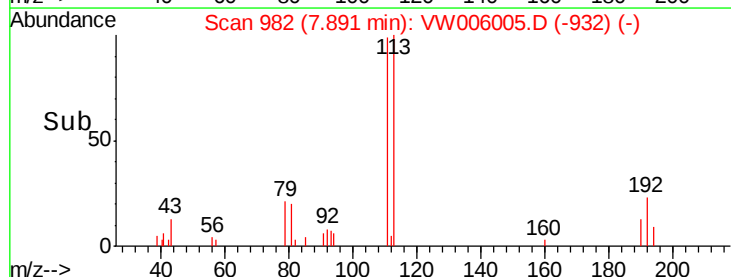
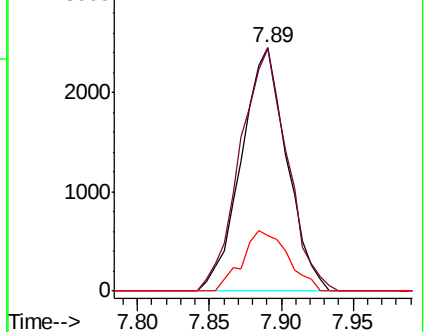
192 24.7 18.3 27.5

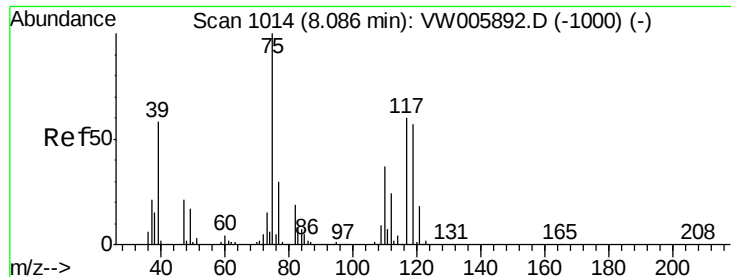


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

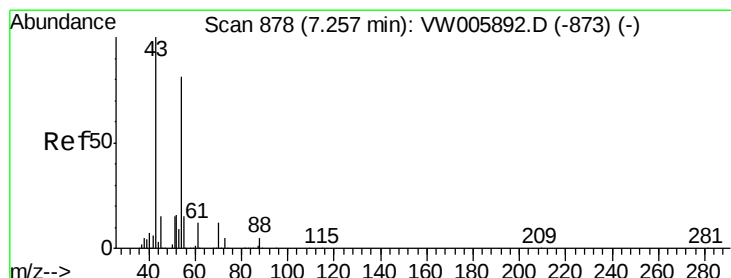
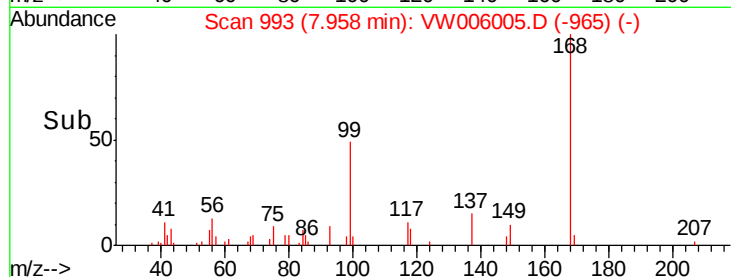
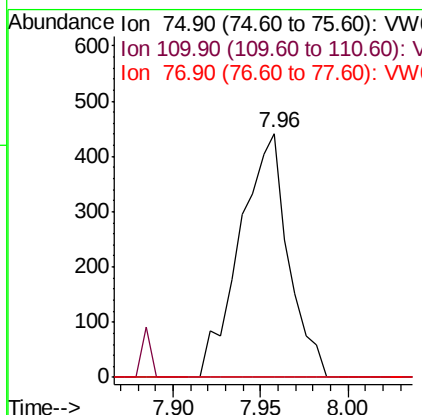
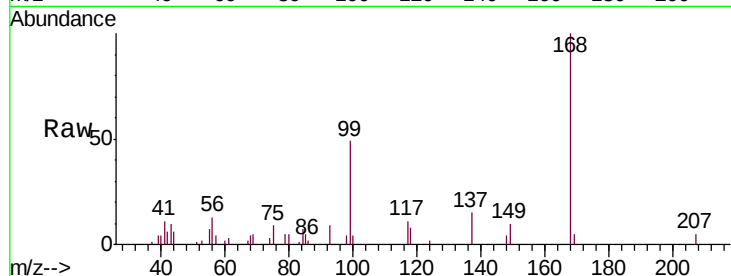




#36
 1,1-Dichloropropene
 Concen: 5.248 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

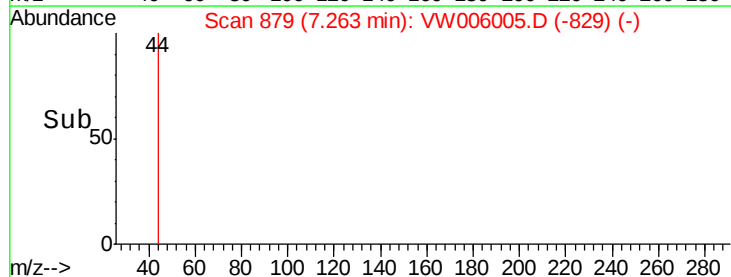
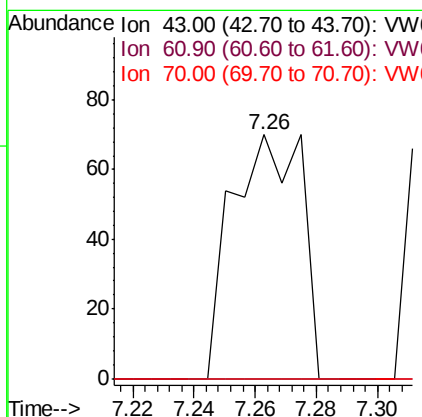
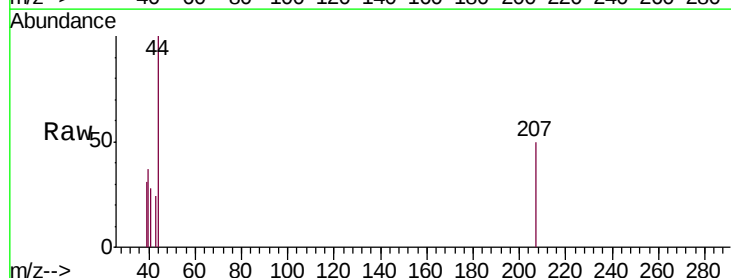
Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

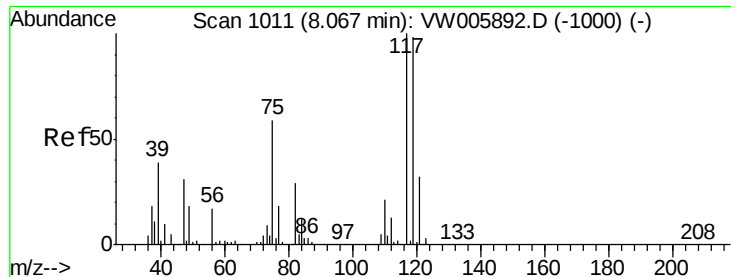
Tgt Ion: 75 Resp: 857
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.6 56.0#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 1.591 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

Tgt Ion: 43 Resp: 110
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.6 16.0#
 70 0.0 8.6 13.0#

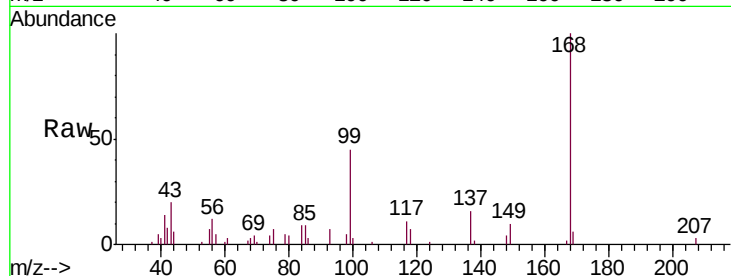




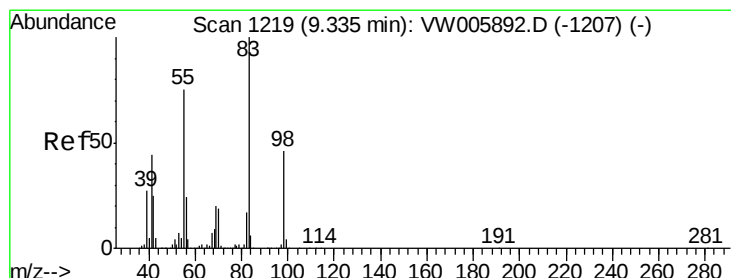
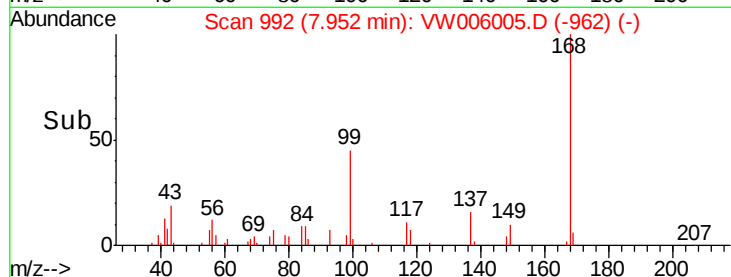
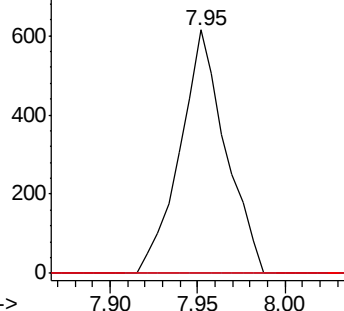
#38
Carbon Tetrachloride
Concen: 6.367 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

Tgt Ion: 117 Resp: 1117
Ion Ratio Lower Upper
117 100
119 0.0 78.6 117.8#
121 0.0 25.3 37.9#

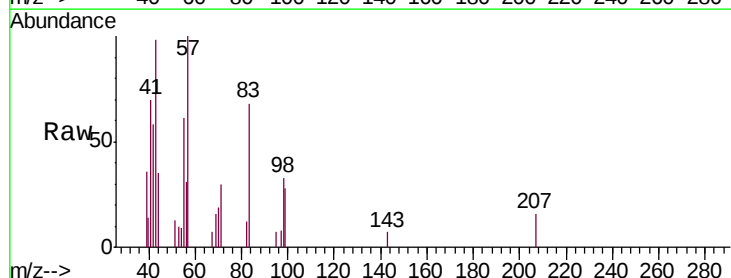


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

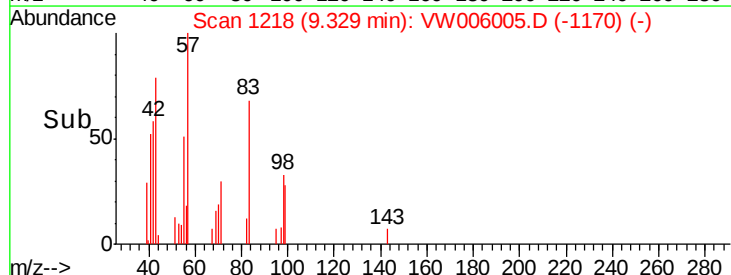
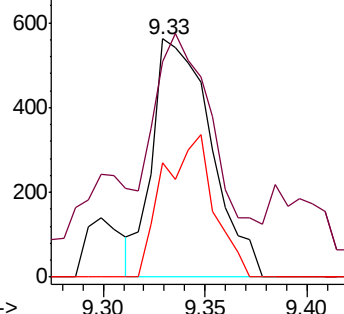


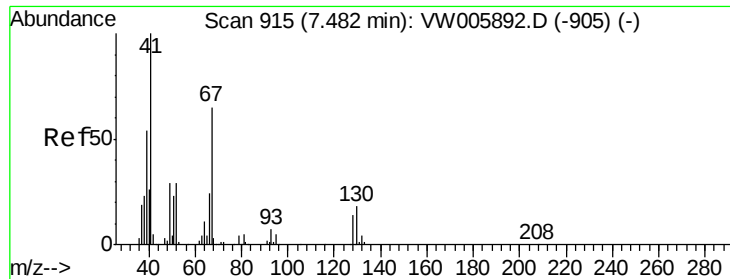
#39
Methylcyclohexane
Concen: 5.214 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion: 83 Resp: 1123
Ion Ratio Lower Upper
83 100
55 53.2 59.8 89.6#
98 47.9 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

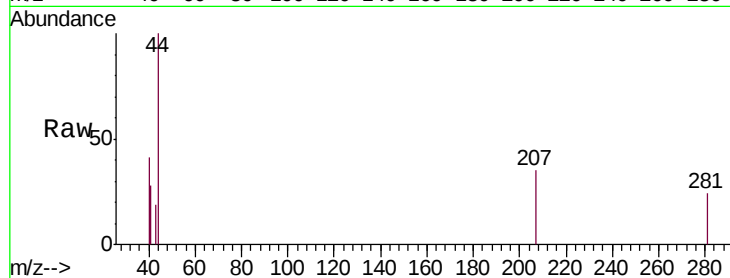




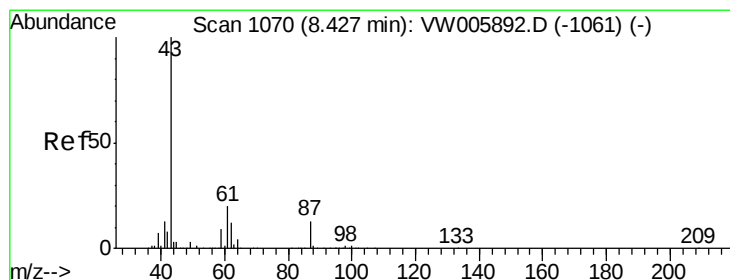
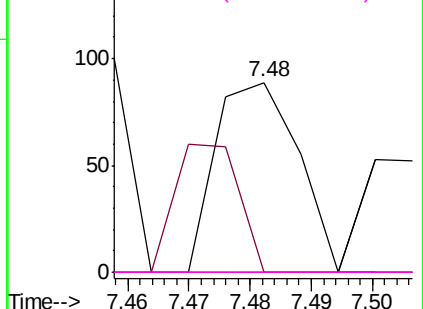
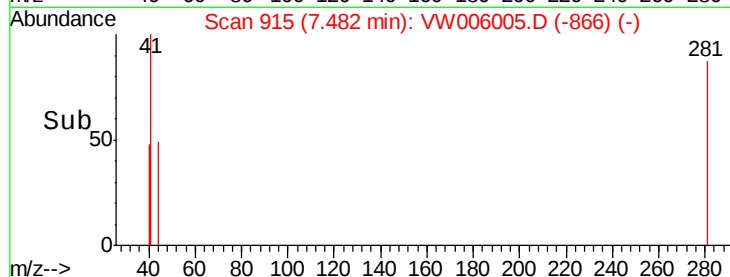
#41
Methacrylonitrile
Concen: 1.917 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Instrument :
MSVOA_W
ClientSampled :
SOIL-DRUM

Tgt Ion:	41	Resp:	83
Ion	Ratio	Lower	Upper
41	100		
39	53.0	45.0	67.4
67	0.0	55.8	83.8#
52	0.0	25.3	37.9#

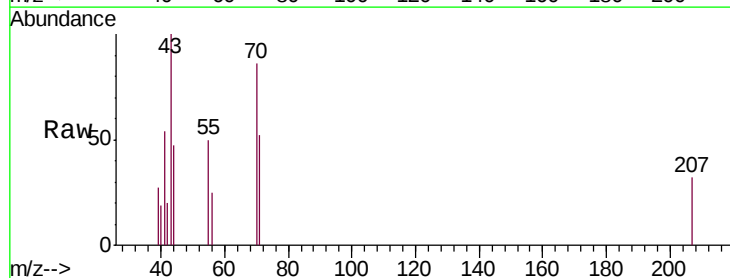


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

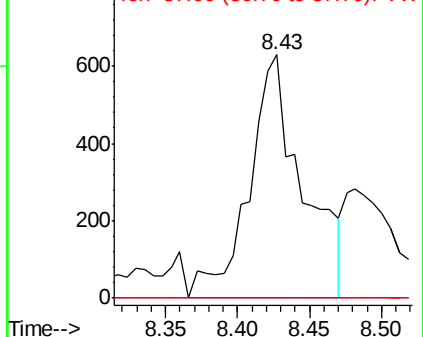
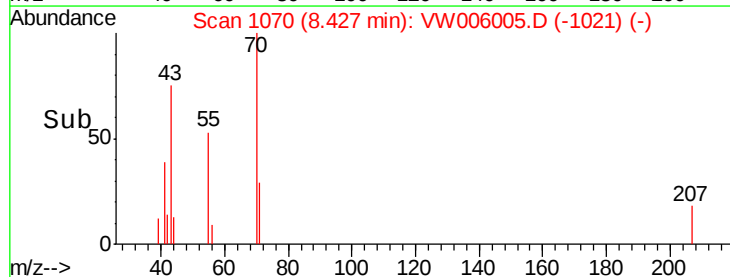


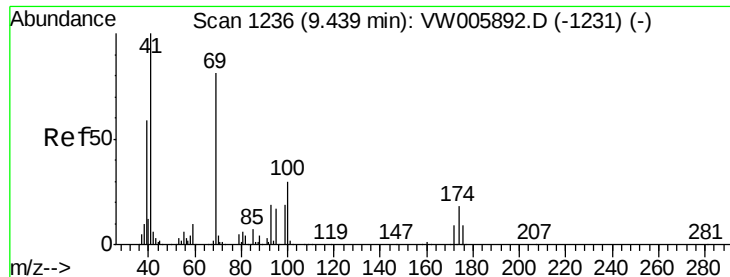
#43
Isopropyl Acetate
Concen: 11.202 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion:	43	Resp:	1618
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

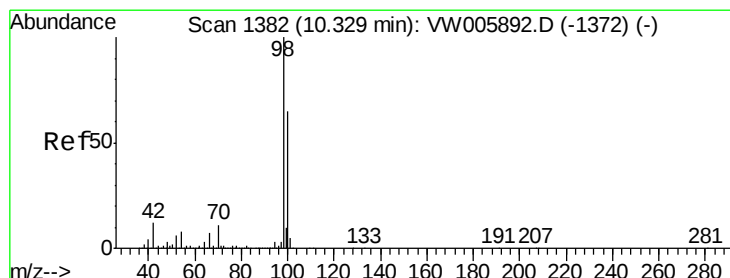
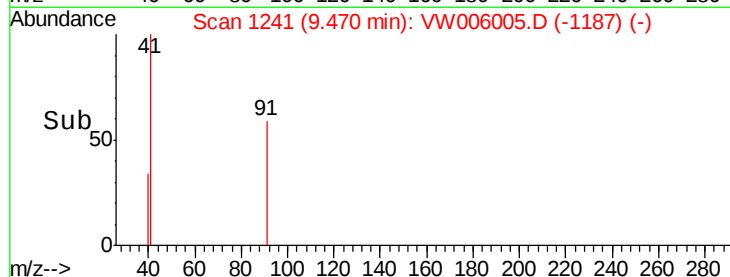
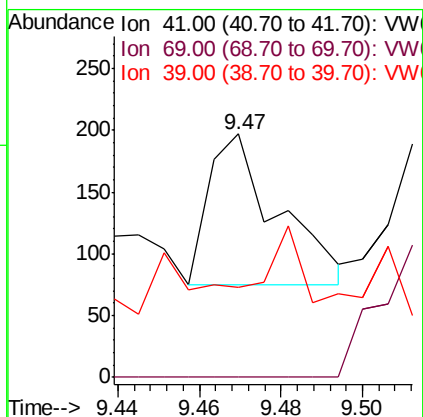
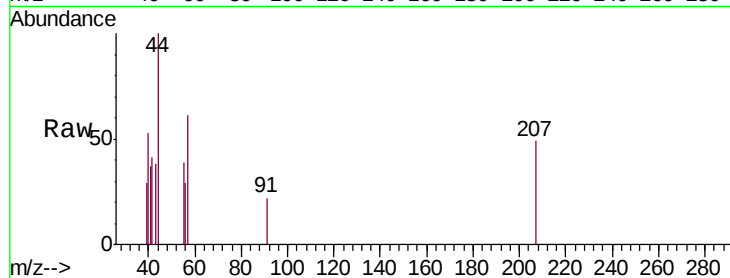




#48
Methyl methacrylate
Concen: 2.078 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

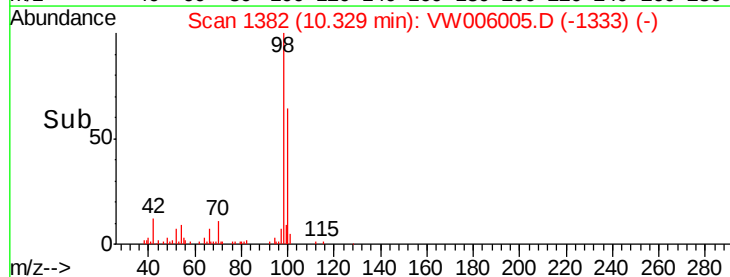
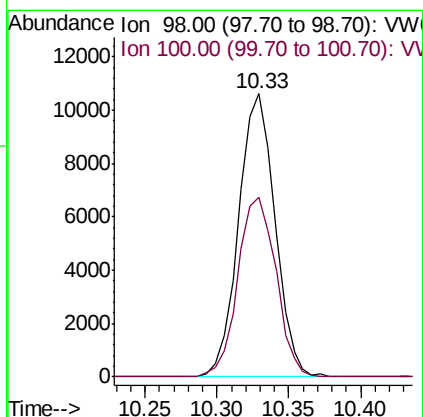
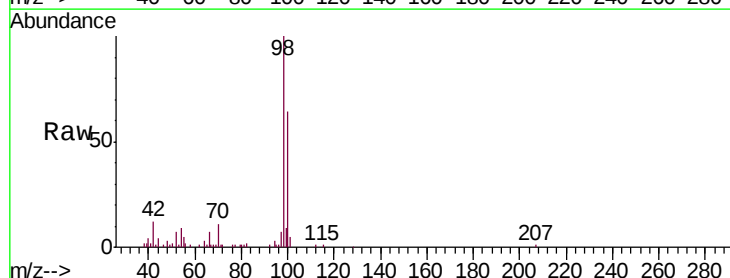
Instrument :
MSVOA_W
ClientSampled :
SOIL-DRUM

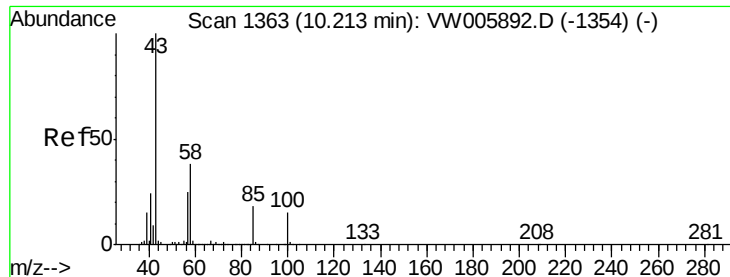
Tgt Ion: 41 Resp: 143
Ion Ratio Lower Upper
41 100
69 0.0 68.7 103.1#
39 45.5 50.0 75.0#



#50
Toluene-d8
Concen: 44.458 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion: 98 Resp: 18610
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

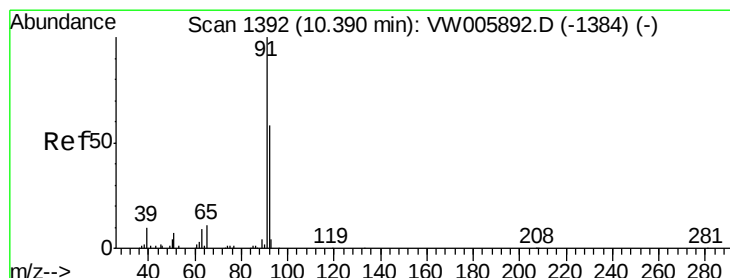
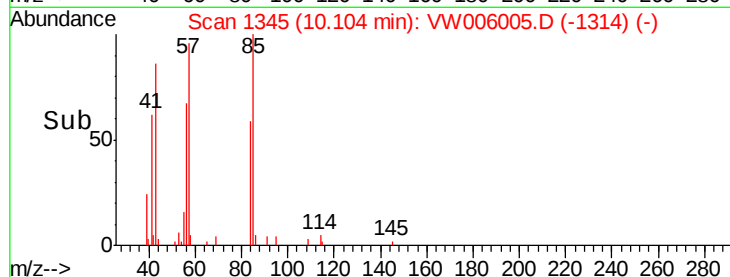
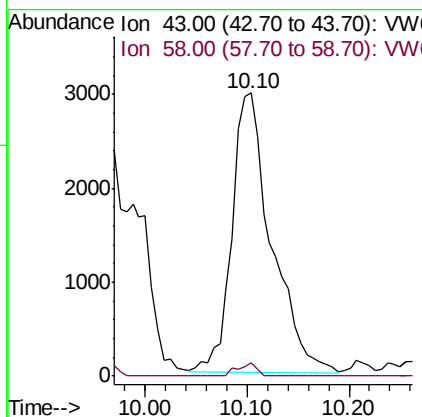
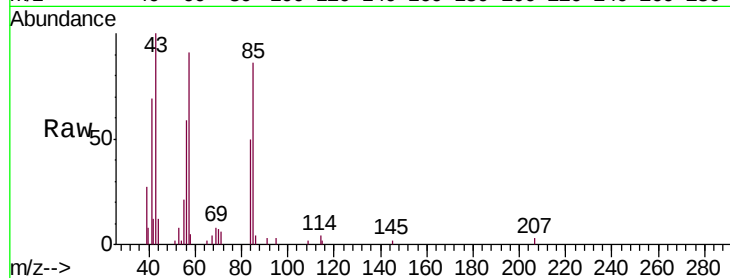




#51
 4-Methyl-2-Pentanone
 Concen: 113.822 ug/l
 RT: 10.10 min Scan# 1345
 Delta R.T. -0.11 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

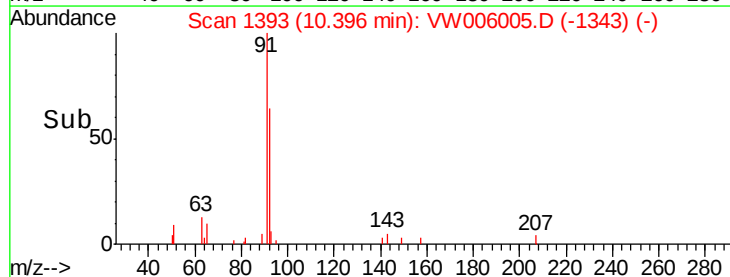
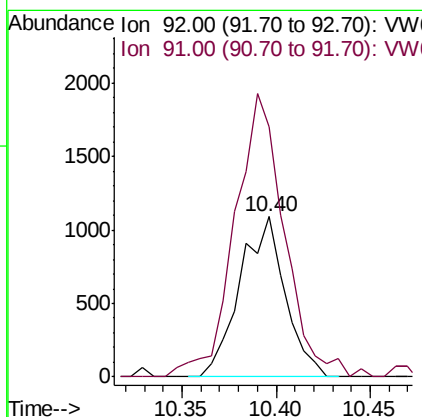
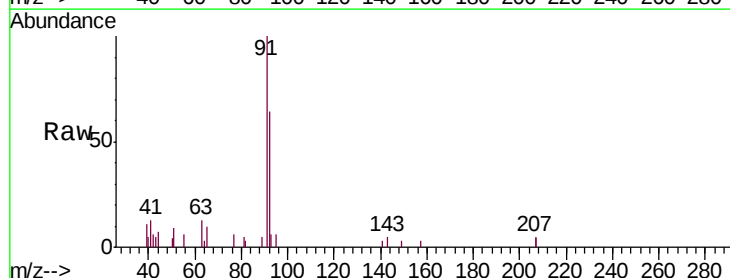
Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

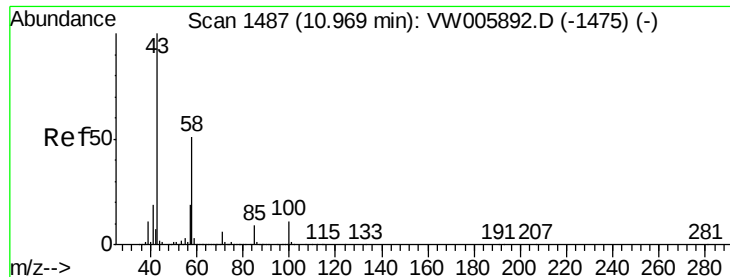
Tgt Ion: 43 Resp: 8006
 Ion Ratio Lower Upper
 43 100
 58 2.2 30.2 45.4#



#52
 Toluene
 Concen: 6.199 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

Tgt Ion: 92 Resp: 1820
 Ion Ratio Lower Upper
 92 100
 91 193.6 138.2 207.4

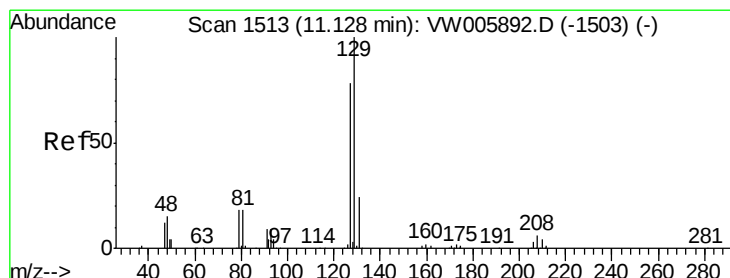
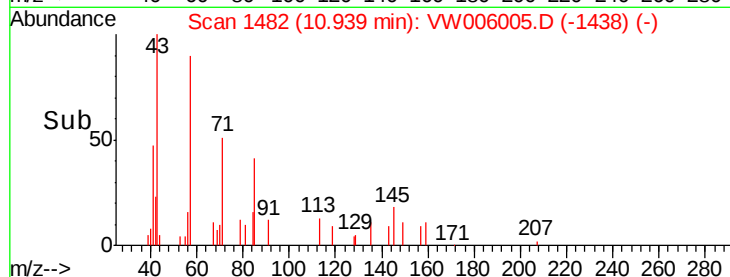
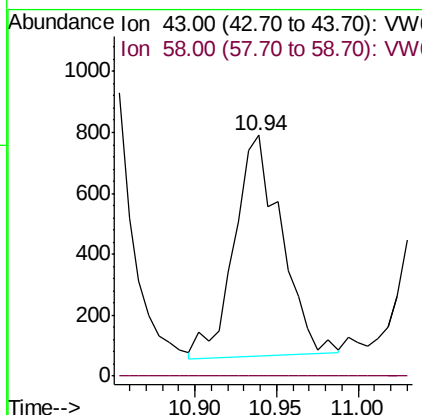
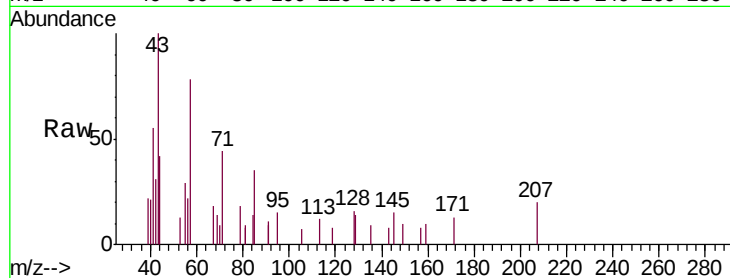




#59
2-Hexanone
Concen: 28.731 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

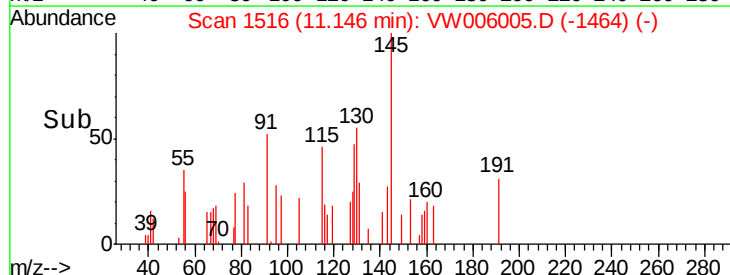
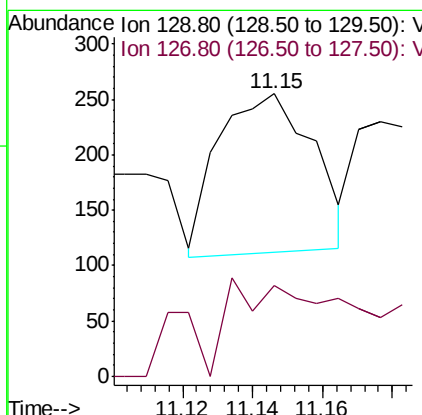
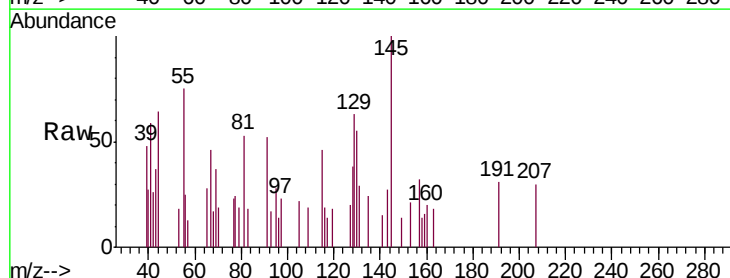
Instrument :
MSVOA_W
ClientSampled :
SOIL-DRUM

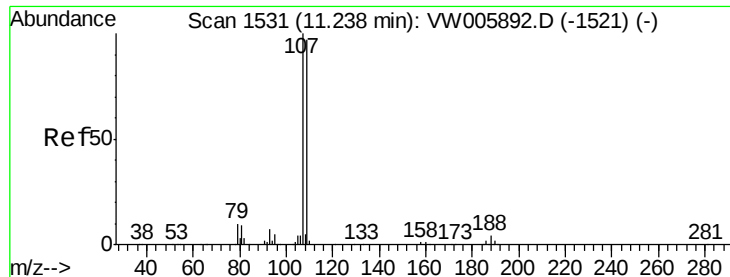
Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 0.0 25.7 77.1#



#60
Dibromochloromethane
Concen: 2.475 ug/l
RT: 11.15 min Scan# 1516
Delta R.T. 0.02 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion: 129 Resp: 272
Ion Ratio Lower Upper
129 100
127 74.3 38.5 115.5

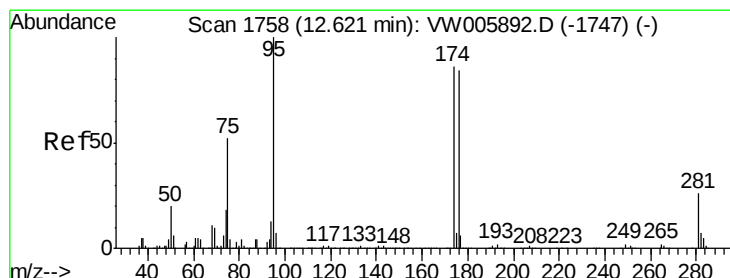
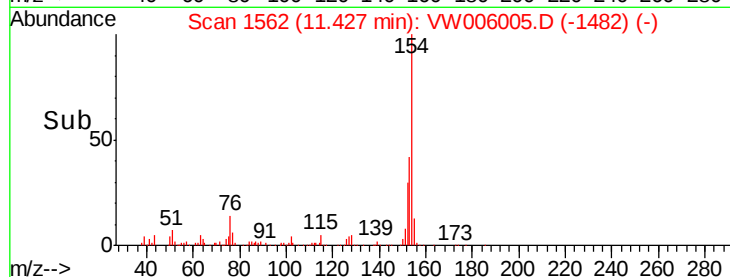
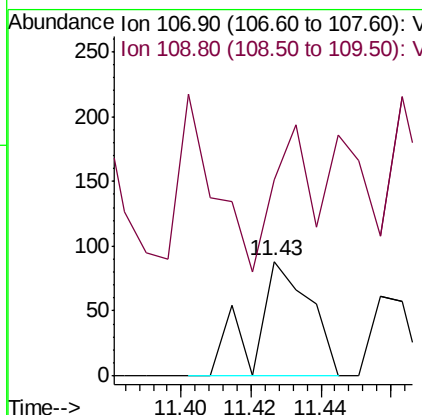
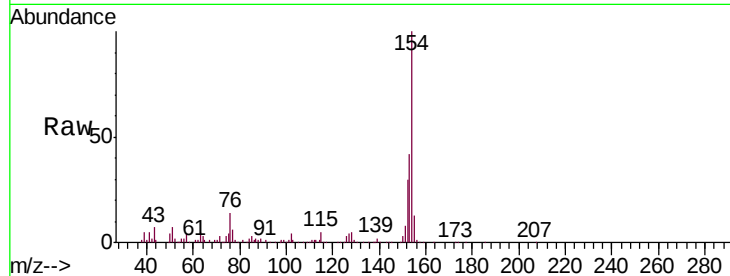




#61
1,2-Dibromoethane
Concen: 1.128 ug/l
RT: 11.43 min Scan# 1562
Delta R.T. 0.19 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

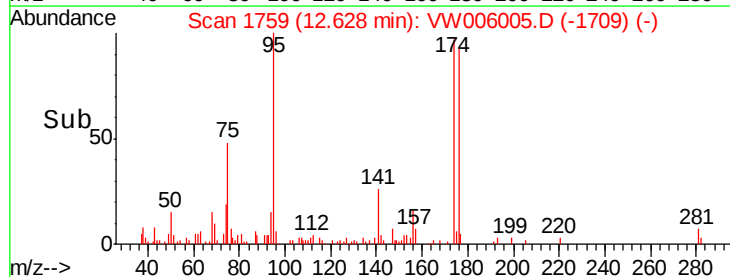
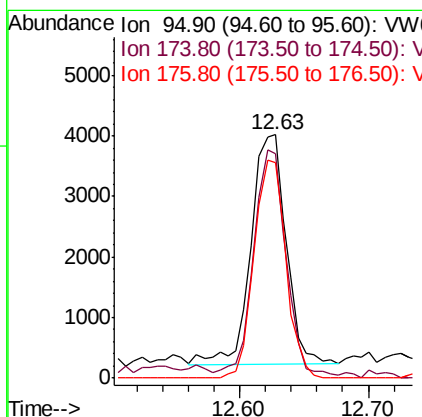
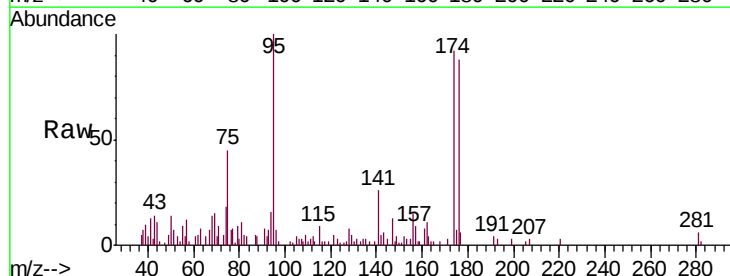
Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

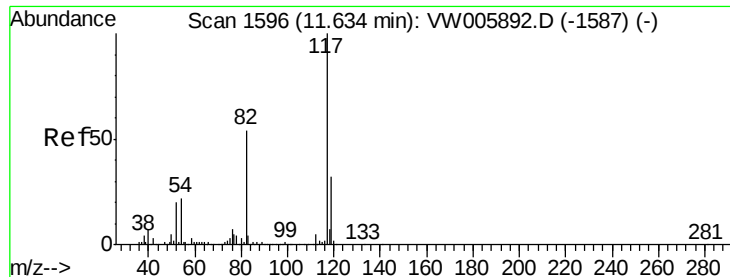
Tgt Ion: 107 Resp: 96
Ion Ratio Lower Upper
107 100
109 84.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 44.794 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion: 95 Resp: 7134
Ion Ratio Lower Upper
95 100
174 94.0 0.0 176.4
176 85.8 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

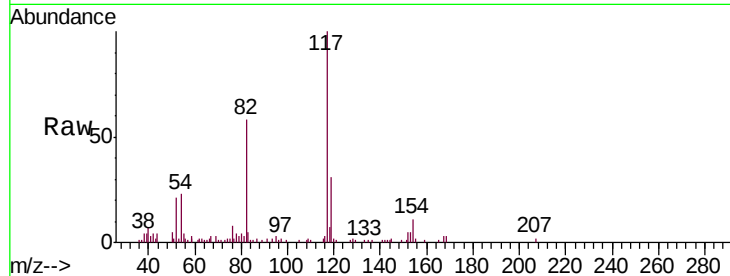
Tgt Ion:117 Resp: 13858

Ion Ratio Lower Upper

117 100

82 57.1 43.5 65.3

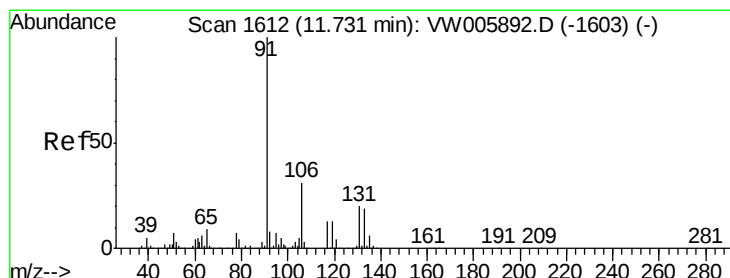
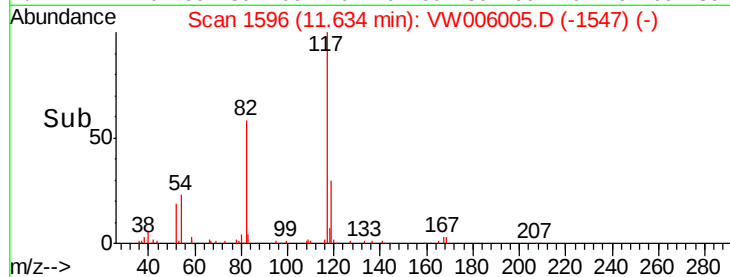
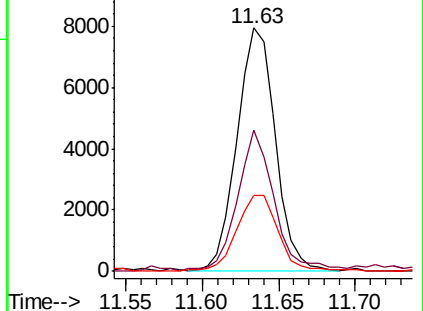
119 30.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.415 ug/l

RT: 11.74 min Scan# 1614

Delta R.T. 0.01 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

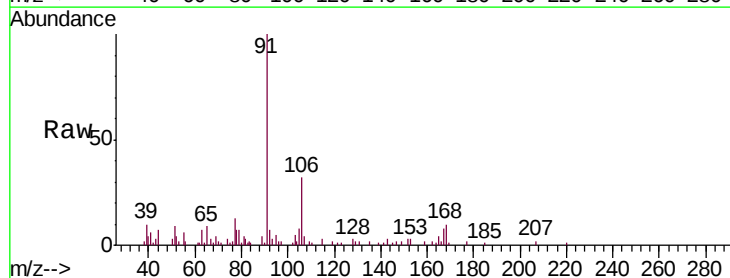
Tgt Ion:131 Resp: 154

Ion Ratio Lower Upper

131 100

133 42.2 48.2 144.6#

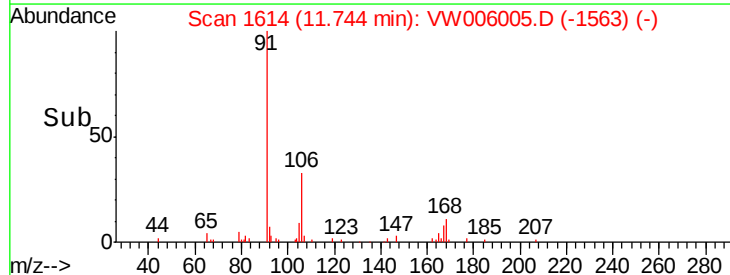
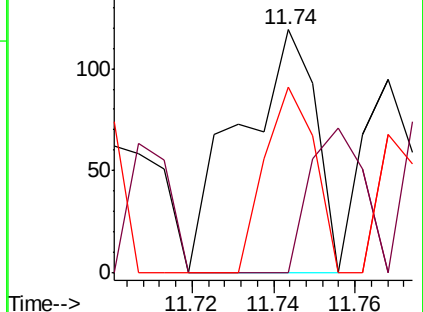
119 0.0 32.5 97.5#

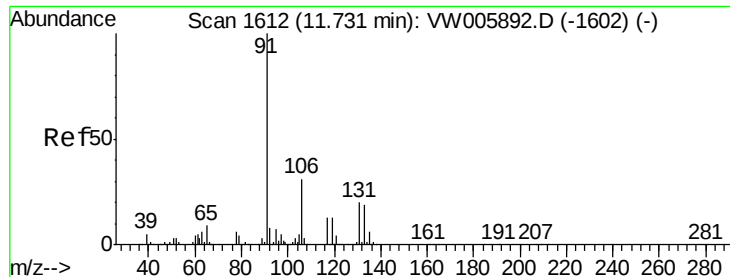


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

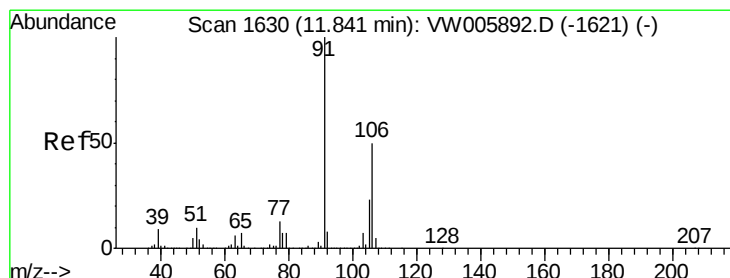
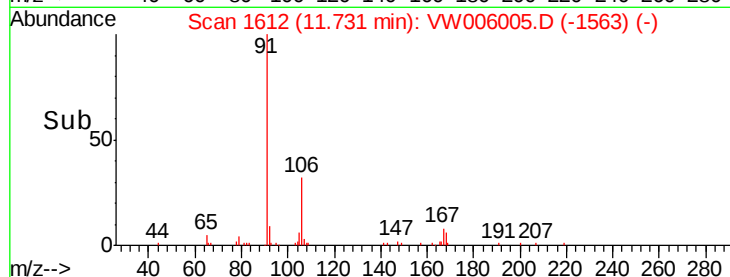
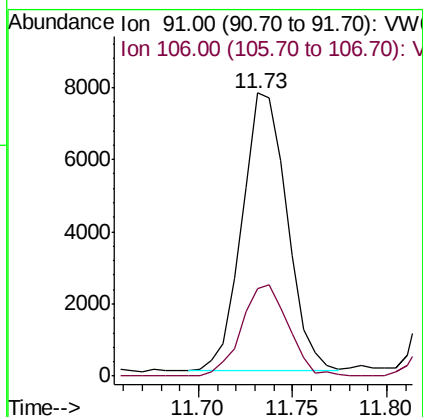
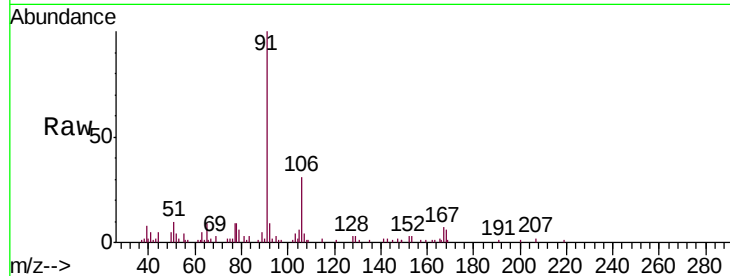




#67
Ethyl Benzene
Concen: 24.348 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

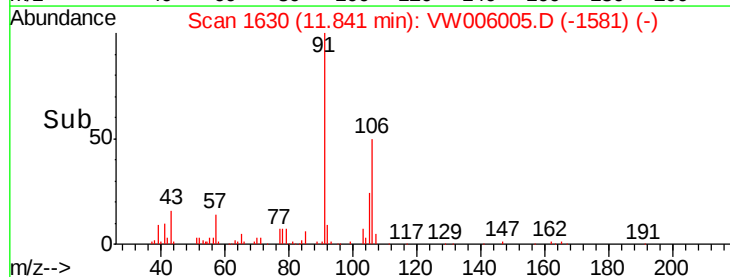
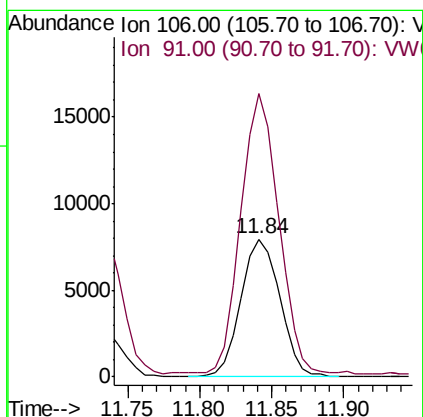
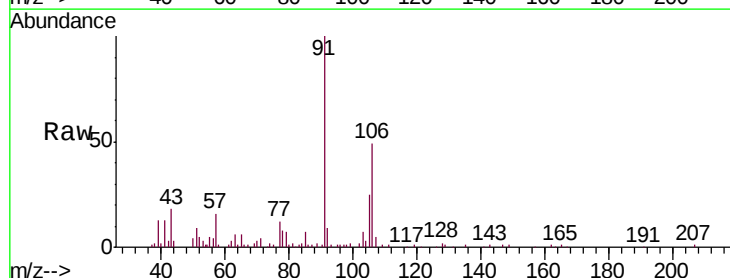
Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

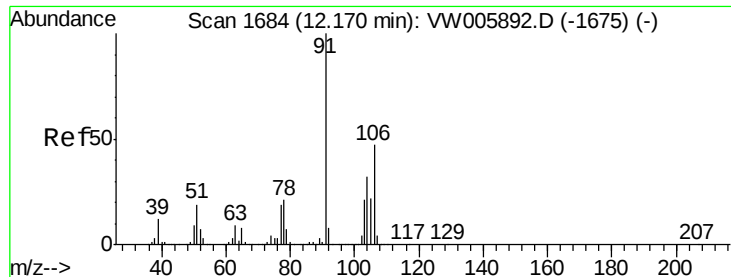
Tgt Ion: 91 Resp: 12766
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 73.026 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion: 106 Resp: 14963
Ion Ratio Lower Upper
106 100
91 195.7 160.2 240.2

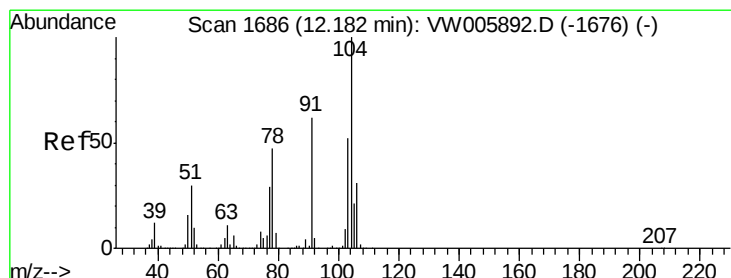
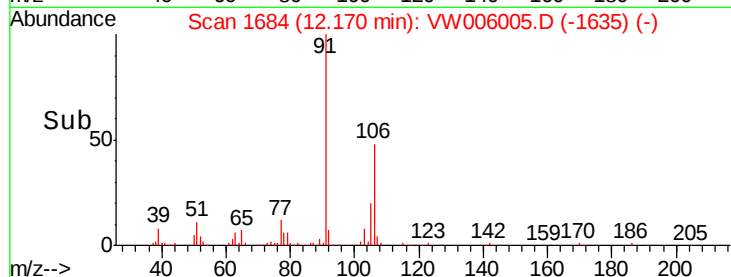
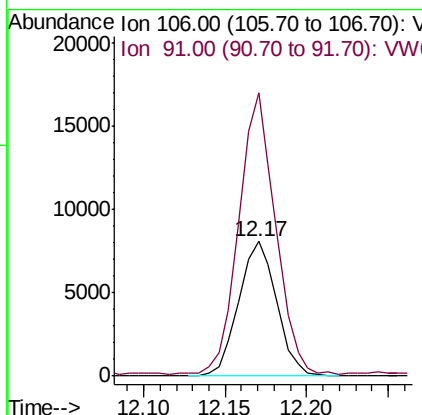
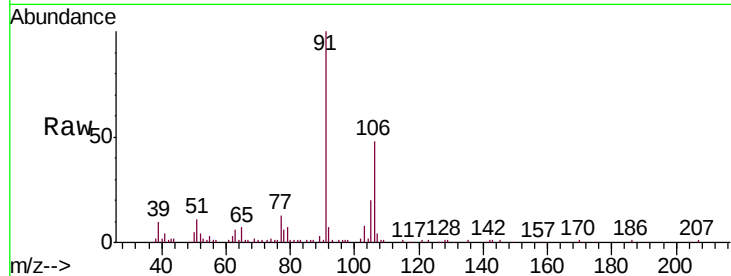




#69
o-Xylene
Concen: 66.863 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

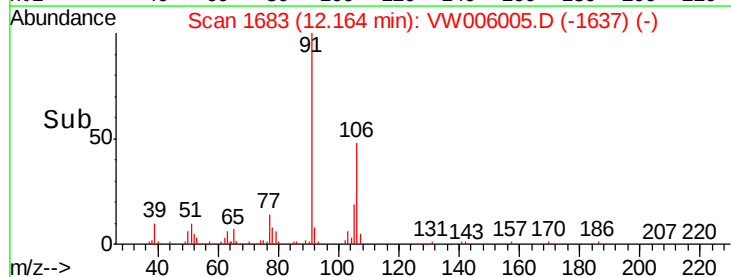
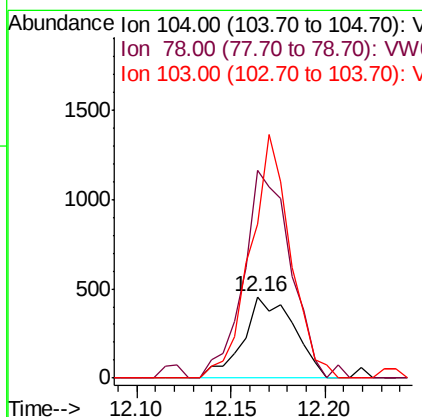
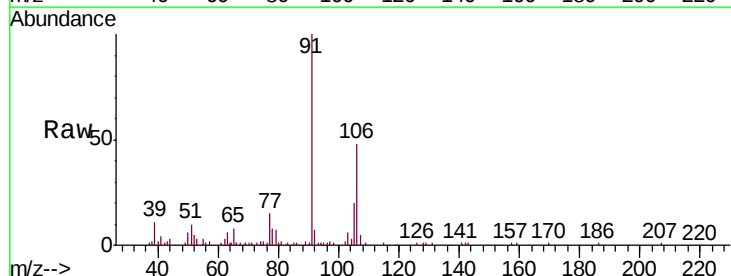
Instrument :
MSVOA_W
ClientSampled :
SOIL-DRUM

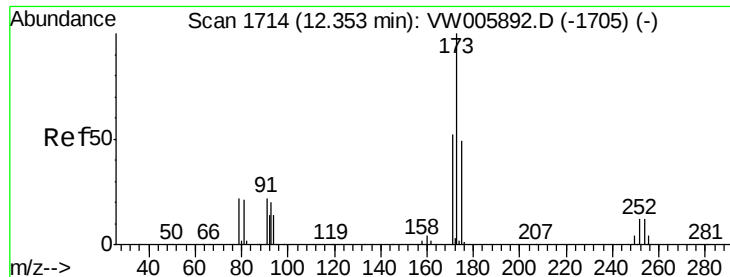
Tgt Ion:106 Resp: 13116
Ion Ratio Lower Upper
106 100
91 198.5 106.2 318.5



#70
Styrene
Concen: 2.602 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.02 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion:104 Resp: 847
Ion Ratio Lower Upper
104 100
78 239.6 40.4 60.6#
103 239.2 44.2 66.2#





#71

Bromoform

Concen: 1.373 ug/l

RT: 12.37 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

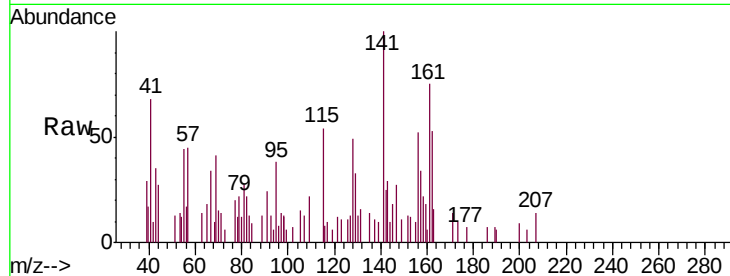
Tgt Ion:173 Resp: 89

Ion Ratio Lower Upper

173 100

175 29.2 24.7 74.1

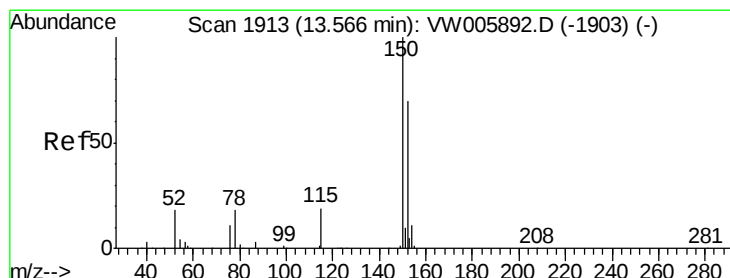
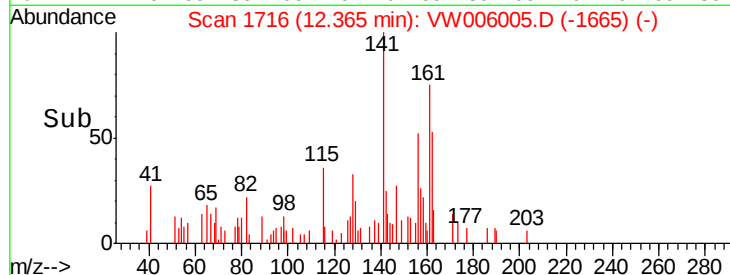
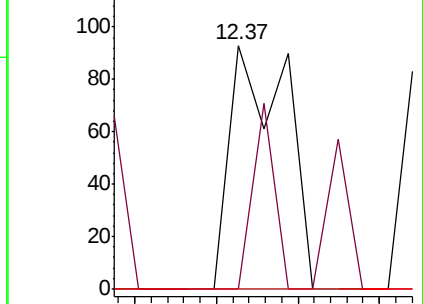
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

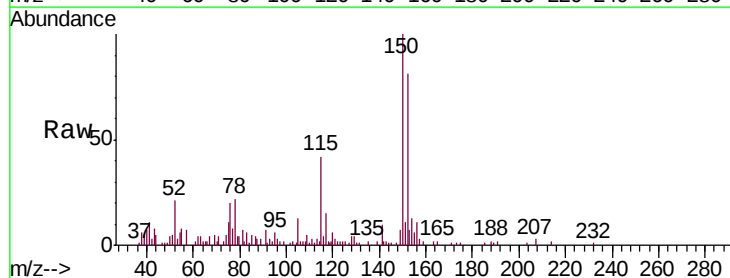
Tgt Ion:152 Resp: 7387

Ion Ratio Lower Upper

152 100

115 66.3 28.3 85.0

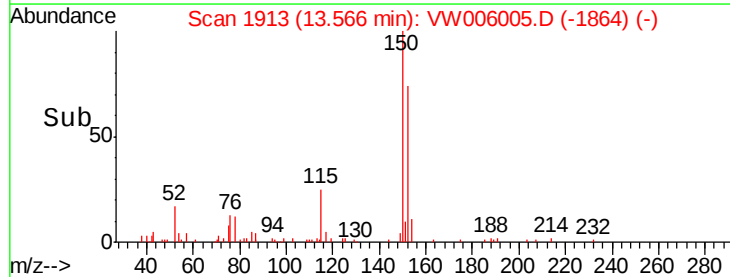
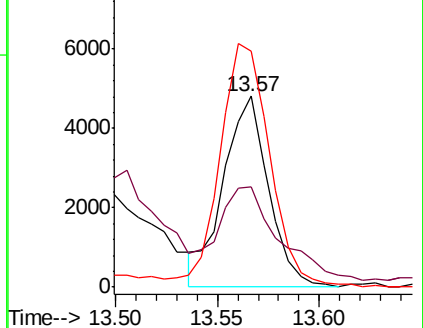
150 141.6 0.0 349.2

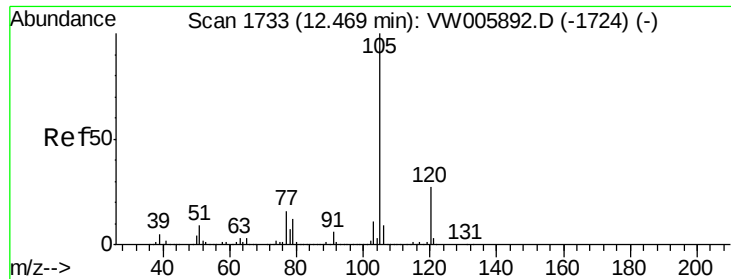


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 12.973 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampleId :

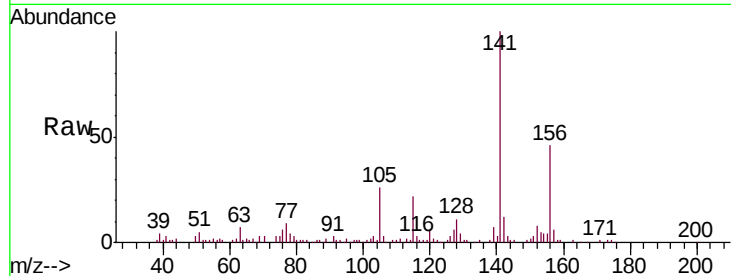
SOIL-DRUM

Tgt Ion:105 Resp: 6999

Ion Ratio Lower Upper

105 100

120 28.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

4000

3000

2000

1000

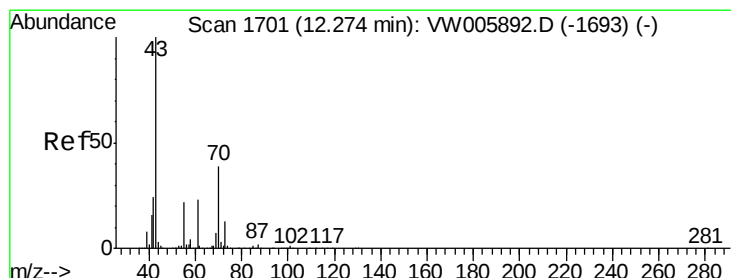
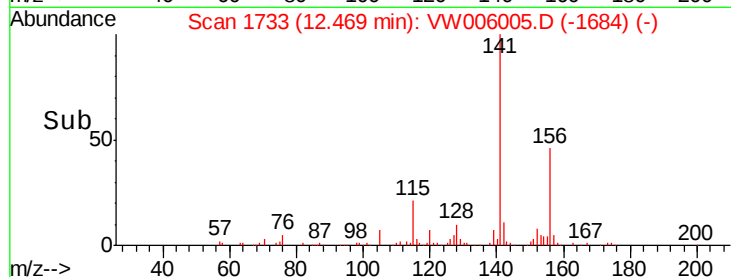
0

Time-->

12.40

12.45

12.50



#74

N-ethyl acetate

Concen: 7.602 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Tgt Ion: 43 Resp: 974

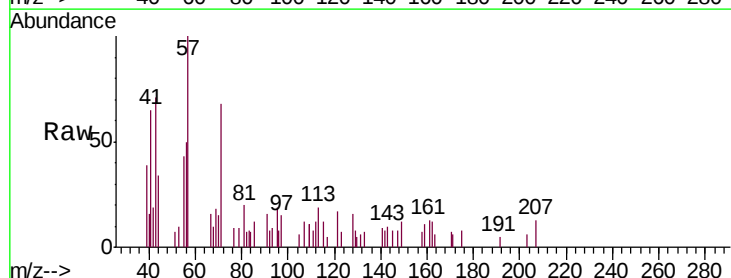
Ion Ratio Lower Upper

43 100

70 15.9 31.6 47.4#

55 33.7 17.9 26.9#

61 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.26

1000

800

600

400

200

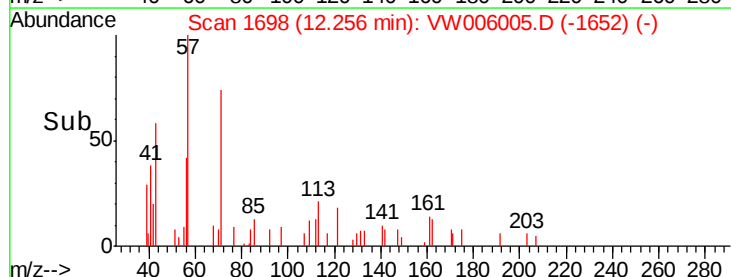
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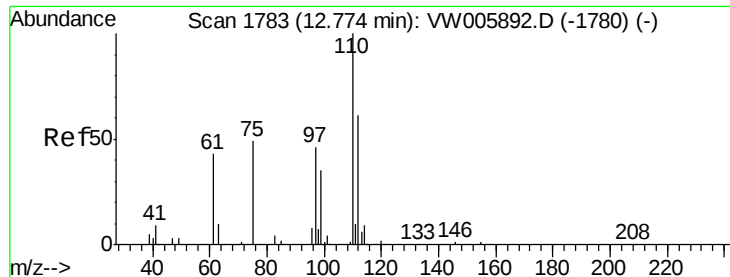
Time-->

12.20

12.25

12.30





#76

1,2,3-Trichloropropane

Concen: 35.371 ug/l

RT: 12.88 min Scan# 1800

Delta R.T. 0.10 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampled :

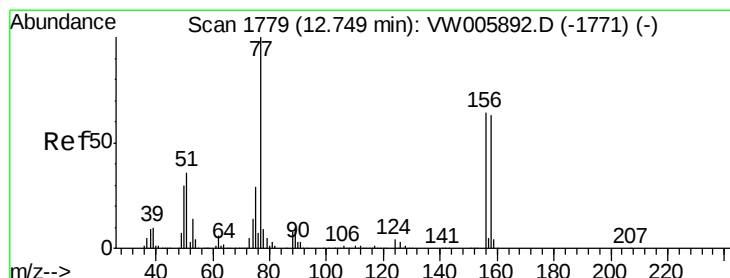
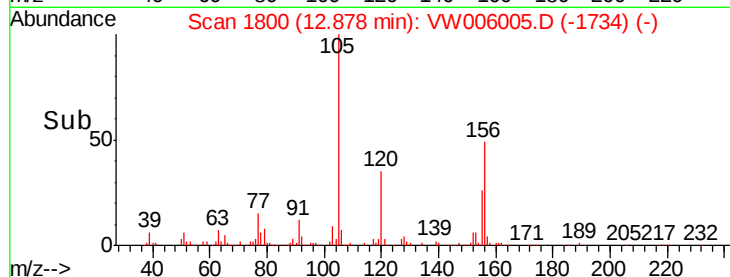
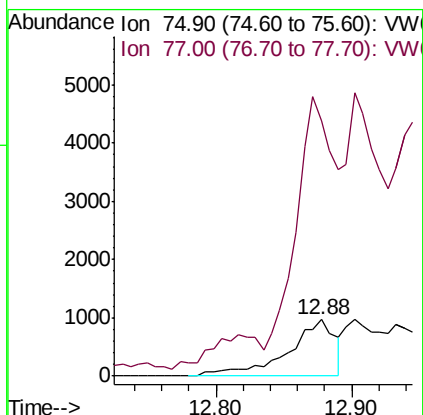
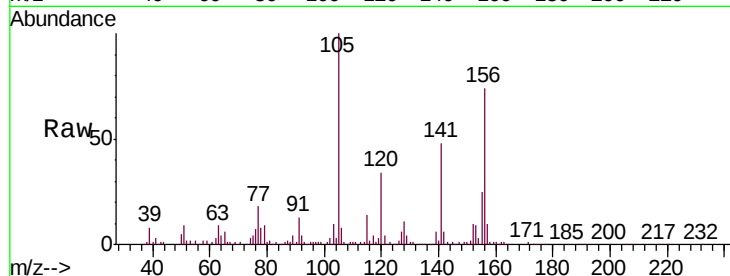
SOIL-DRUM

Tgt Ion: 75 Resp: 2334

Ion Ratio Lower Upper

75 100

77 395.4 0.0 0.0#



#77

Bromobenzene

Concen: 1419.573 ug/l

RT: 12.92 min Scan# 1807

Delta R.T. 0.17 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

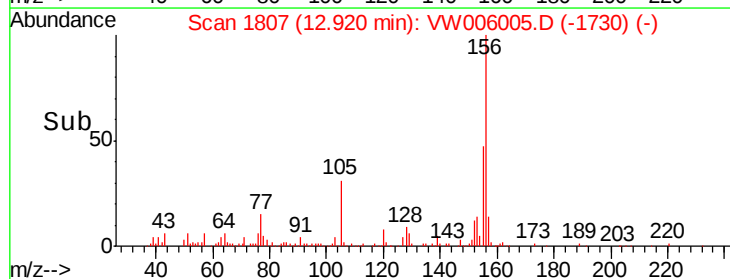
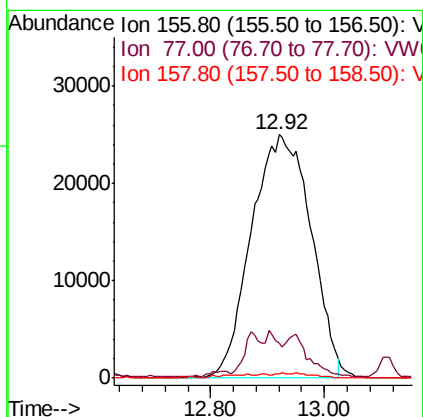
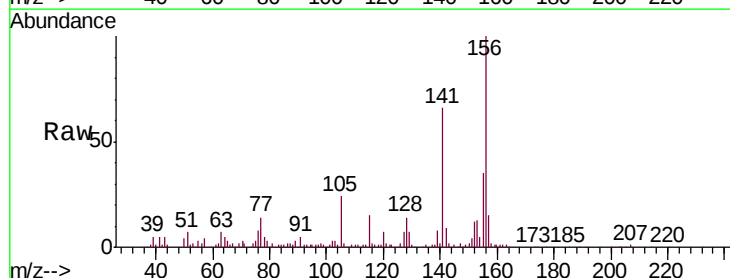
Tgt Ion: 156 Resp: 181442

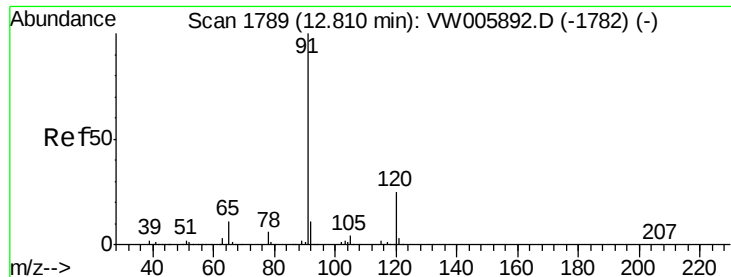
Ion Ratio Lower Upper

156 100

77 0.0 85.8 257.4#

158 0.2 49.1 147.4#





#78

n-propylbenzene

Concen: 25.560 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampleId :

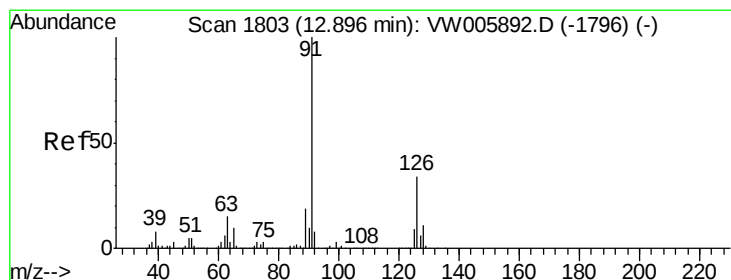
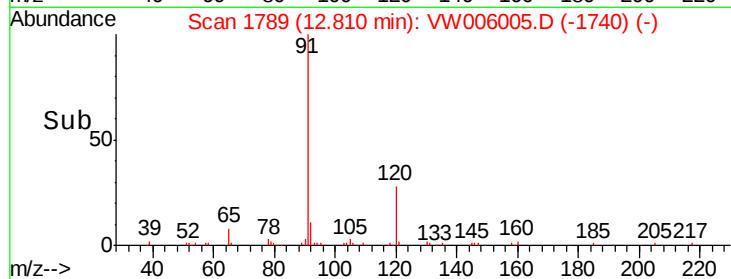
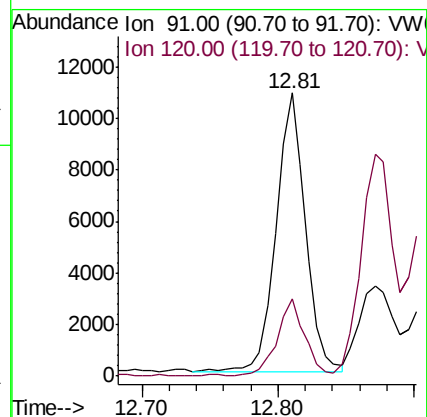
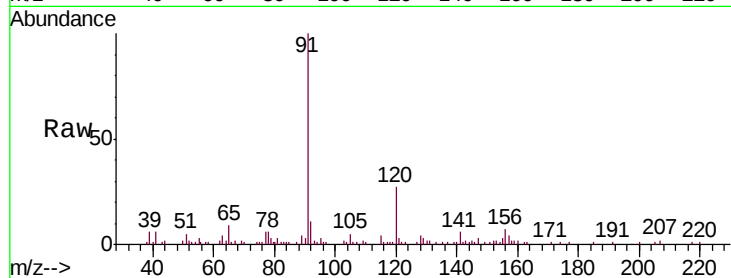
SOIL-DRUM

Tgt Ion: 91 Resp: 16221

Ion Ratio Lower Upper

91 100

120 26.5 12.0 36.0



#79

2-Chlorotoluene

Concen: 9.265 ug/l

RT: 12.91 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VW006005.D

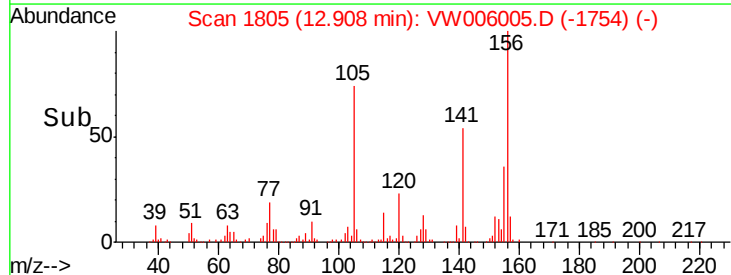
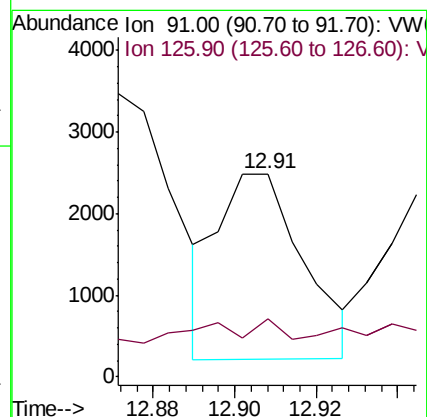
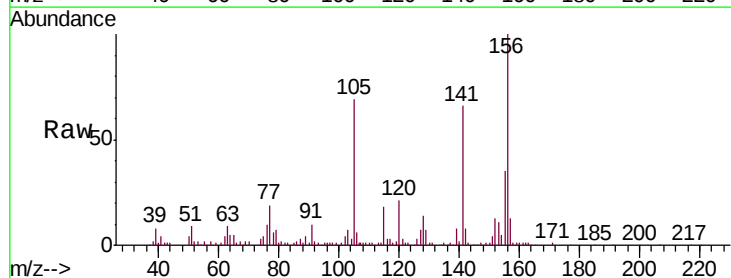
Acq: 11 Oct 2018 00:16

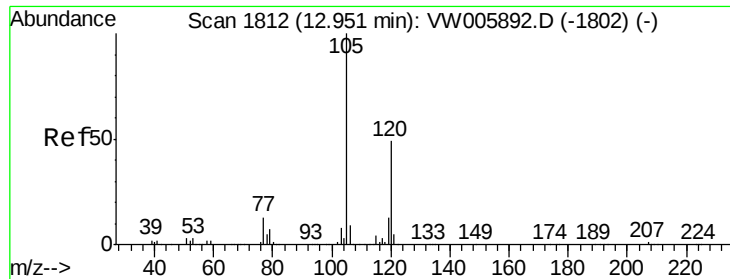
Tgt Ion: 91 Resp: 3319

Ion Ratio Lower Upper

91 100

126 55.4 17.5 52.5#

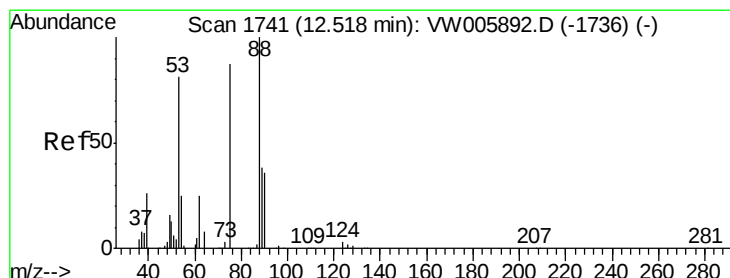
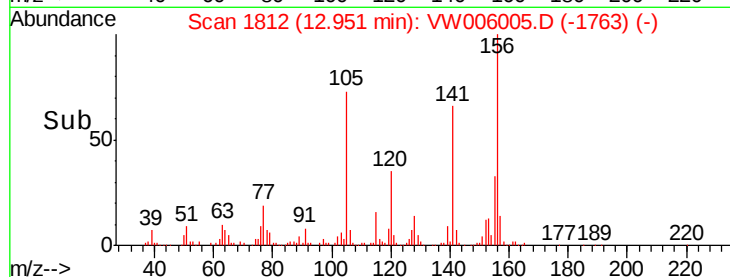
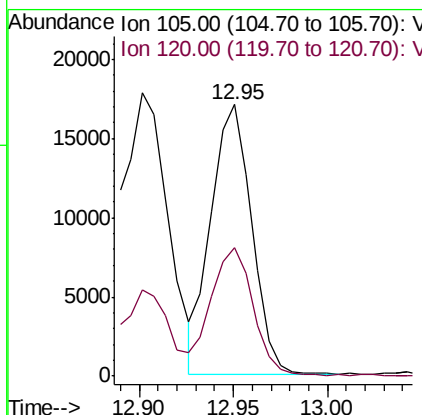
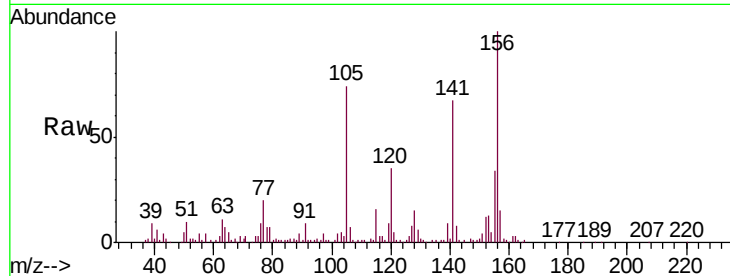




#80
 1,3,5-Trimethylbenzene
 Concen: 55.919 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

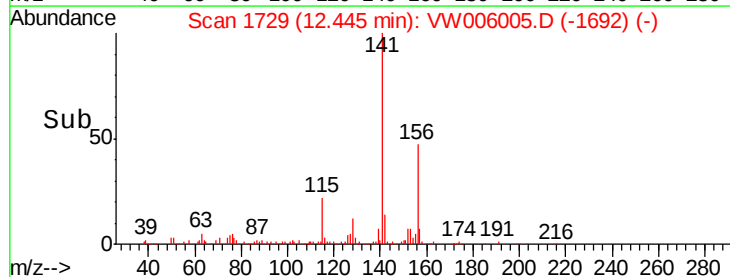
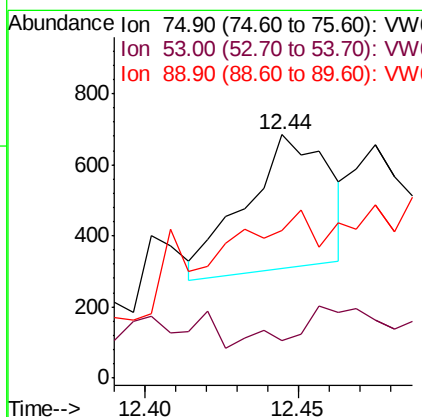
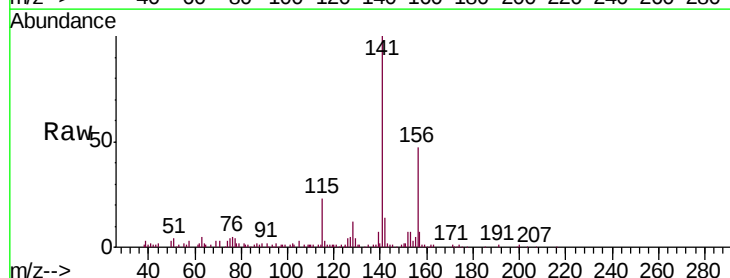
Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

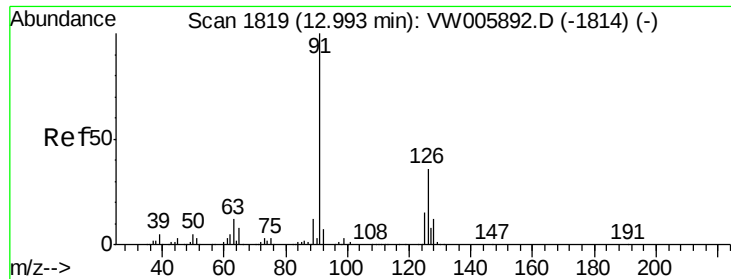
Tgt Ion: 105 Resp: 25469
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 22.619 ug/l
 RT: 12.44 min Scan# 1729
 Delta R.T. -0.07 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

Tgt Ion: 75 Resp: 707
 Ion Ratio Lower Upper
 75 100
 53 25.6 76.5 114.7#
 89 172.0 37.6 56.4#

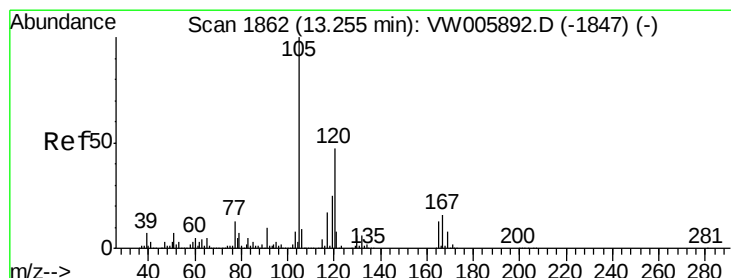
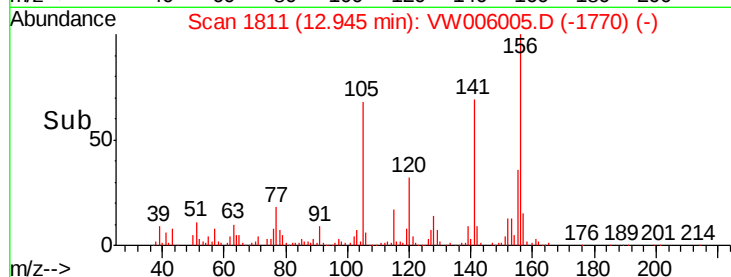
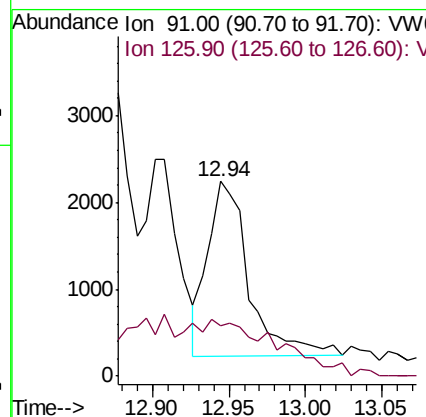
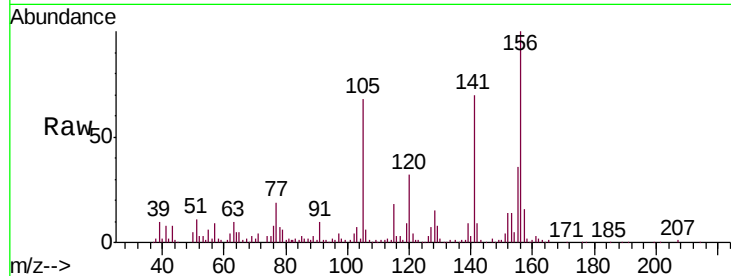




#82
 4-Chlorotoluene
 Concen: 10.053 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.05 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

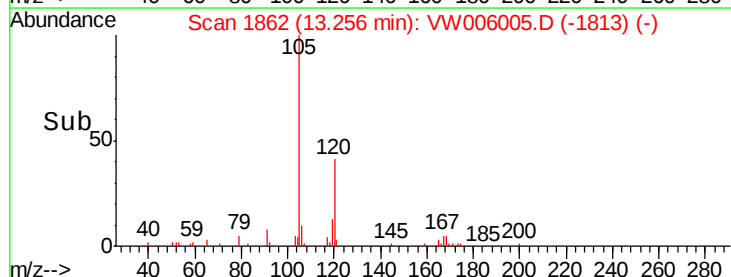
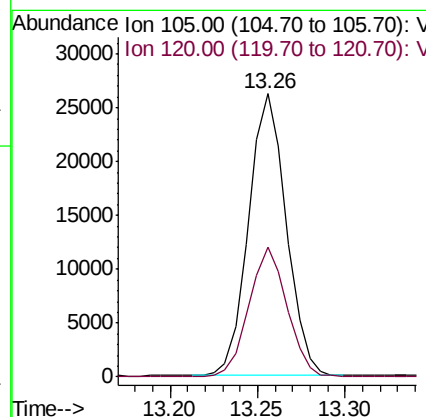
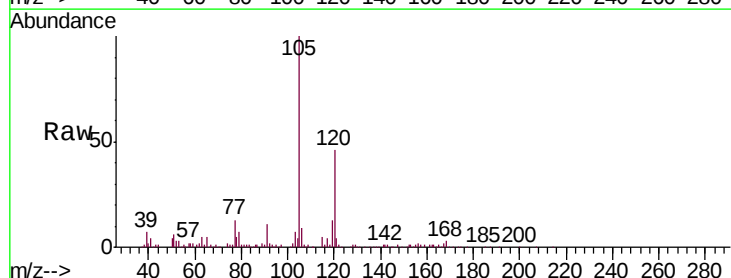
Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

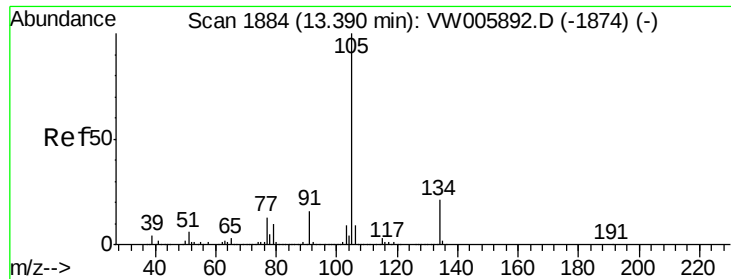
Tgt Ion: 91 Resp: 3789
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.2#



#84
 1,2,4-Trimethylbenzene
 Concen: 85.129 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

Tgt Ion: 105 Resp: 39111
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.8 68.3

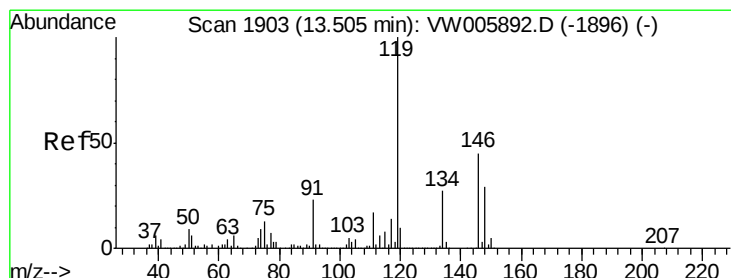
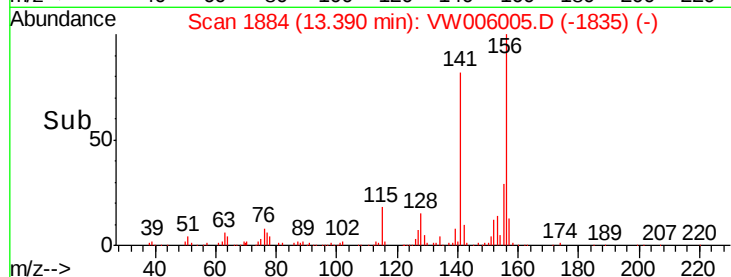
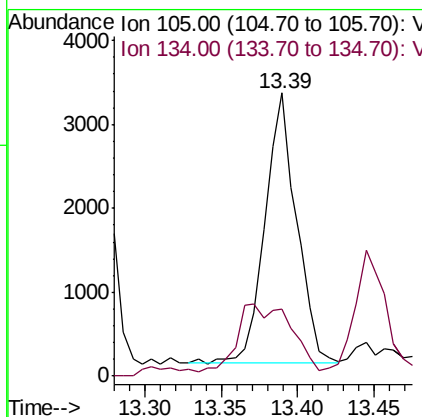
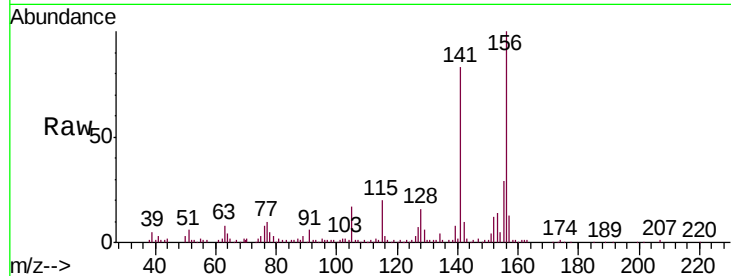




#85
 sec-Butylbenzene
 Concen: 8.234 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

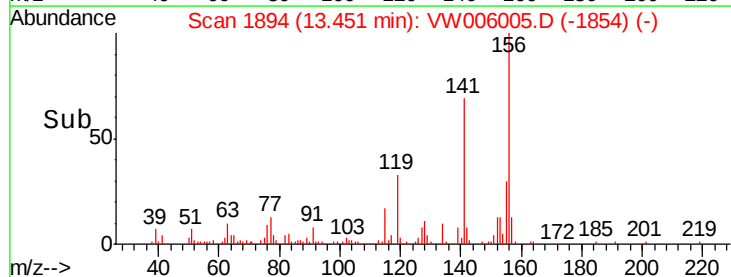
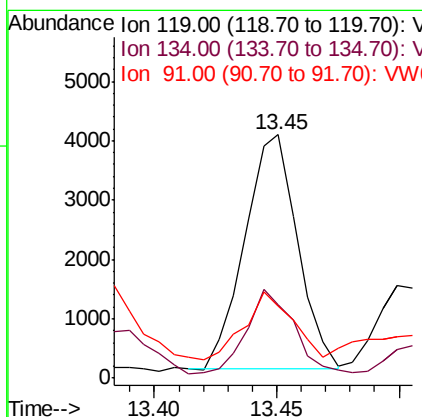
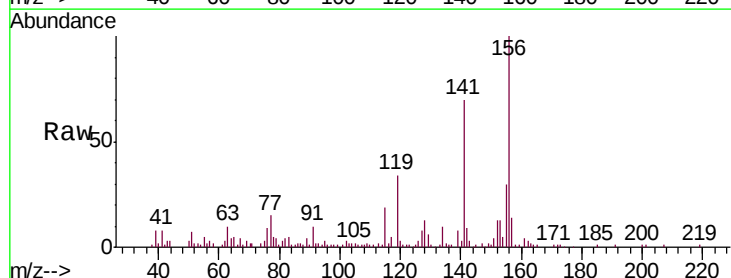
Instrument :
 MSVOA_W
 ClientSampled :
 SOIL-DRUM

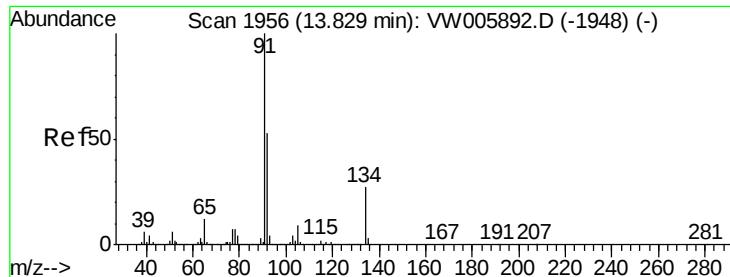
Tgt Ion:105 Resp: 4682
 Ion Ratio Lower Upper
 105 100
 134 46.6 10.4 31.4#



#86
 p-Isopropyltoluene
 Concen: 11.639 ug/l
 RT: 13.45 min Scan# 1894
 Delta R.T. -0.05 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

Tgt Ion:119 Resp: 5952
 Ion Ratio Lower Upper
 119 100
 134 37.3 13.5 40.5
 91 25.9 11.9 35.5





#89

n-Butylbenzene

Concen: 7.176 ug/l

RT: 13.80 min Scan# 1951

Delta R.T. -0.03 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

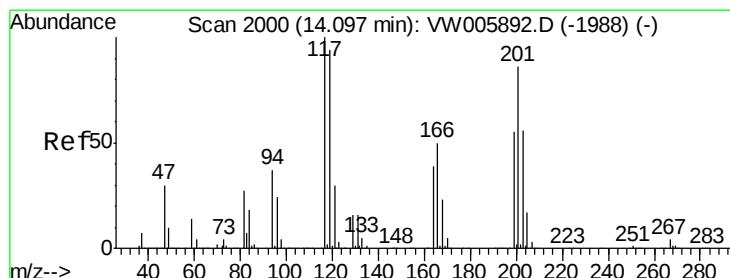
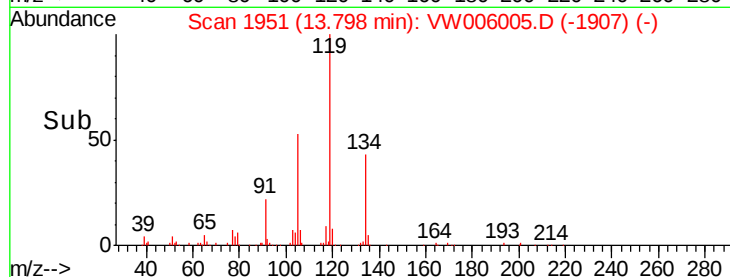
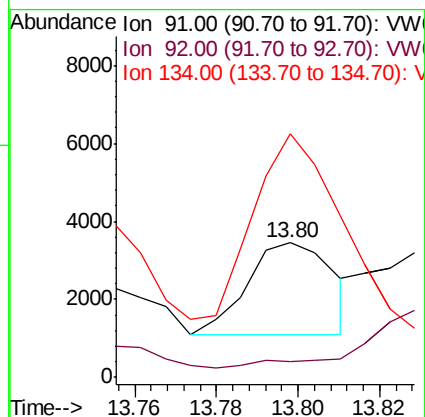
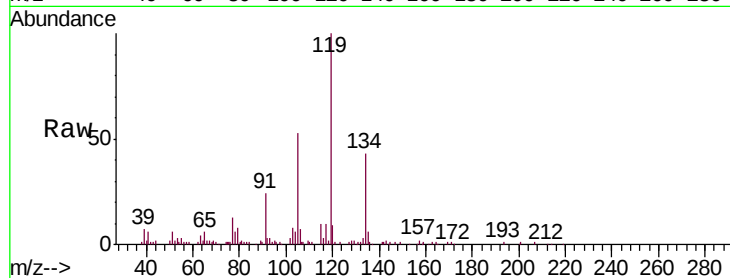
Tgt Ion: 91 Resp: 3459

Ion Ratio Lower Upper

91 100

92 0.0 26.6 79.8#

134 346.0 13.8 41.4#



#90

Hexachloroethane

Concen: 29.301 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW006005.D

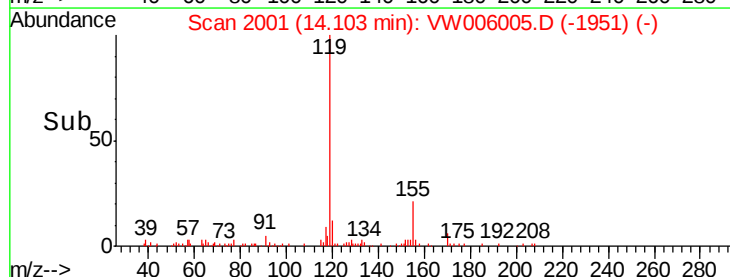
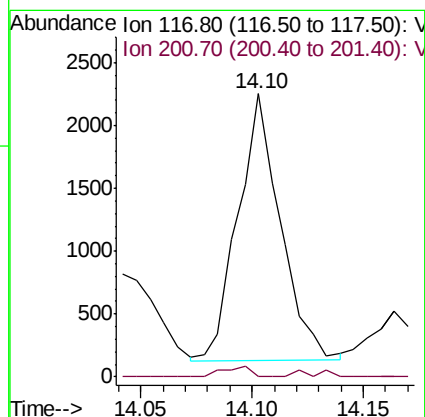
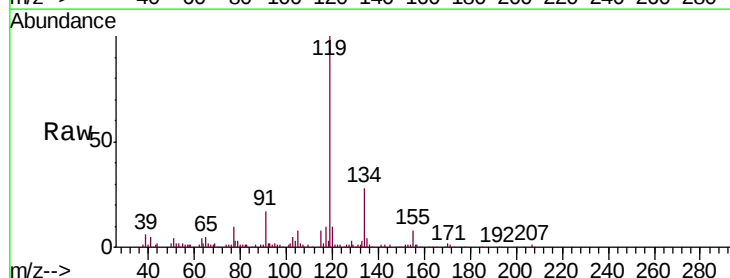
Acq: 11 Oct 2018 00:16

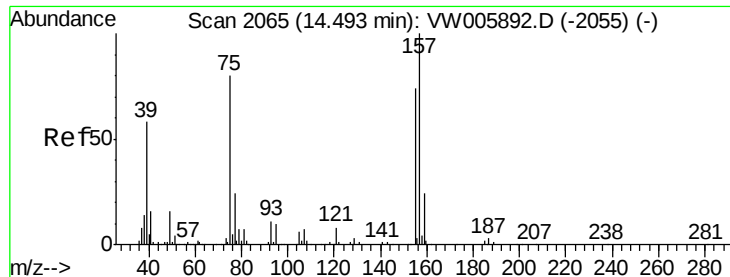
Tgt Ion: 117 Resp: 2818

Ion Ratio Lower Upper

117 100

201 2.5 44.5 133.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.554 ug/l

RT: 14.46 min Scan# 2060

Delta R.T. -0.03 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

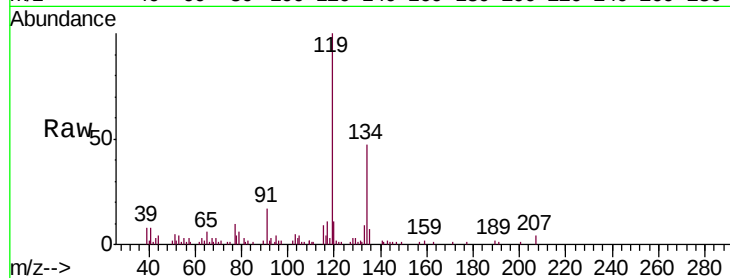
Tgt Ion: 75 Resp: 108

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.3#

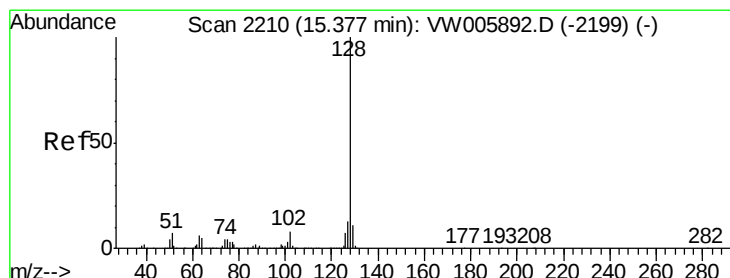
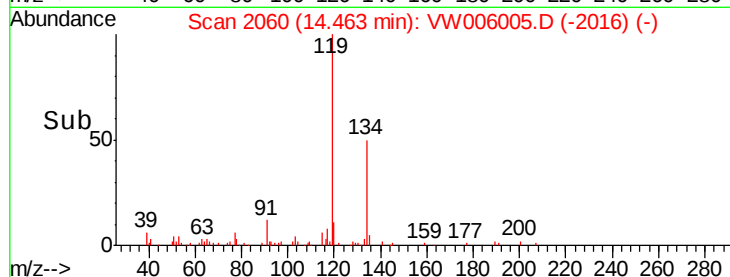
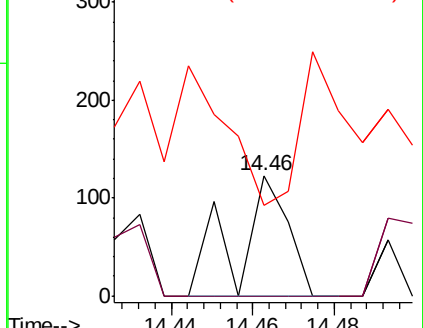
157 113.0 58.9 176.6



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: 34.732 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

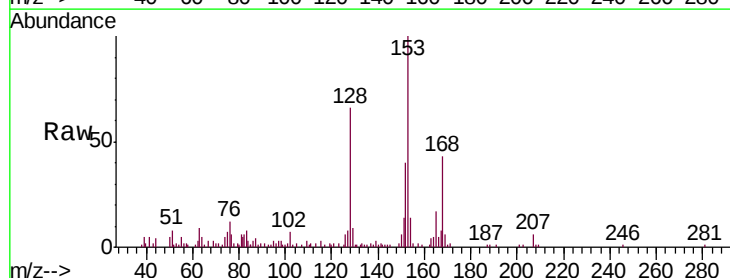
Tgt Ion: 128 Resp: 10465

Ion Ratio Lower Upper

128 100

127 15.3 10.5 15.7

129 12.7 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

