

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
 Data File : VW005306.D
 Acq On : 12 Sep 2018 06:22
 Operator : SY/AP
 Sample : J4842-01
 Misc : 7.24G/5ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SG-SOIL

Quant Time: Sep 12 06:47:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	362098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	582150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	231780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	146689	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	157474	58.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.62%	
35) Dibromofluoromethane	7.88	113	143798	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
50) Toluene-d8	10.33	98	221670	14.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.78%	
62) 4-Bromofluorobenzene	12.62	95	135097	23.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	1003	Below Cal		97
10) Methyl Iodide	4.28	142	98	3.350	ug/l #	45
11) Tert butyl alcohol	5.17	59	2345	10.588	ug/l #	73
15) Acrylonitrile	5.38	53	1355	1.943	ug/l #	94
16) Acetone	4.12	43	21996	43.878	ug/l	95
18) Methyl Acetate	4.68	43	5535	3.699	ug/l	99
20) Methylene Chloride	4.92	84	33050	5.971	ug/l	95
25) 2-Butanone	7.18	43	4586	5.800	ug/l	96
29) Tetrahydrofuran	7.54	42	1736	3.258	ug/l #	92
30) Chloroform	7.68	83	5851	1.073	ug/l	94
31) Cyclohexane	7.96	56	8642	1.495	ug/l #	7
37) Ethyl Acetate	7.18	43	4586	2.261	ug/l #	66
38) Carbon Tetrachloride	7.95	117	32113	6.428	ug/l #	15
39) Methylcyclohexane	9.34	83	40196	5.676	ug/l	94
49) 1,4-Dioxane	9.45	88	500	14.486	ug/l #	67
51) 4-Methyl-2-Pentanone	10.21	43	5506	2.597	ug/l	99
55) 1,1,2-Trichloroethane	10.77	97	32320	10.965	ug/l #	22
56) Ethyl methacrylate	10.67	69	13218	3.537	ug/l #	1
59) 2-Hexanone	10.94	43	34796	22.767	ug/l #	27
68) m/p-Xylenes	11.85	106	14710	4.128	ug/l	89
69) o-Xylene	12.17	106	10982	3.313	ug/l	78
73) Isopropylbenzene	12.47	105	15278	1.474	ug/l	99
74) N-amyl acetate	12.26	43	148884	75.501	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.69	83	27805	17.851	ug/l #	60
76) 1,2,3-Trichloropropane	12.78	75	2066	1.831	ug/l #	100
78) n-propylbenzene	12.81	91	29896	2.402	ug/l	89
79) 2-Chlorotoluene	12.95	91	31916	4.471	ug/l	83
80) 1,3,5-Trimethylbenzene	12.95	105	270058	30.600	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	47916	99.599	ug/l #	23
82) 4-Chlorotoluene	12.95	91	32063	4.273	ug/l	82
83) tert-Butylbenzene	13.21	119	38007	4.924	ug/l	83
84) 1,2,4-Trimethylbenzene	13.26	105	168338	18.981	ug/l	100
85) sec-Butylbenzene	13.39	105	122301	11.025	ug/l #	74
86) p-Isopropyltoluene	13.51	119	264069	26.891	ug/l	99

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QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

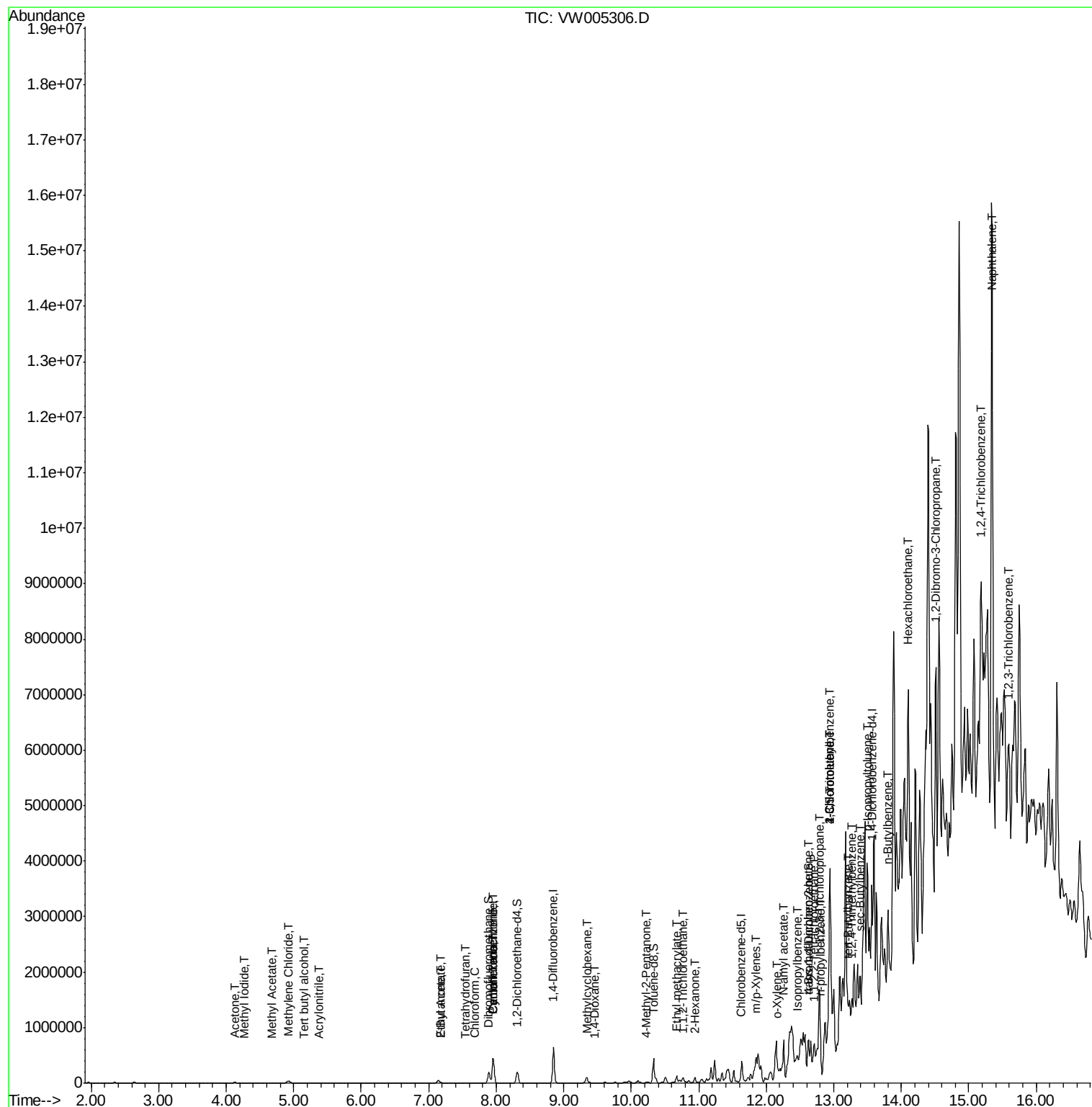
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.80	91	151353	16.395	ug/l #	1
90) Hexachloroethane	14.10	117	127802	81.231	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4556	17.589	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.18	180	27705	8.691	ug/l #	1
95) Naphthalene	15.34	128	53639	10.378	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.59	180	32077	11.694	ug/l #	13

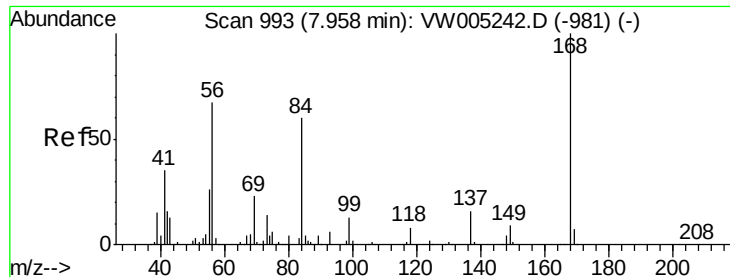
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampled :

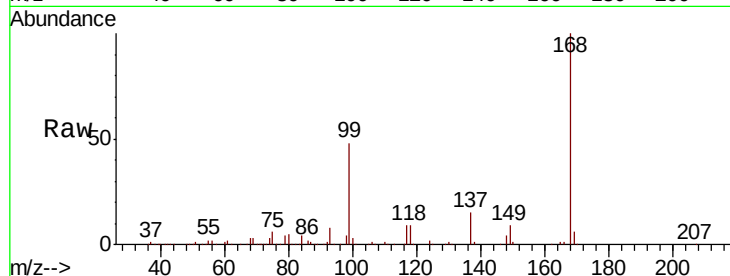
SG-SOIL

Tgt Ion:168 Resp: 362098

Ion Ratio Lower Upper

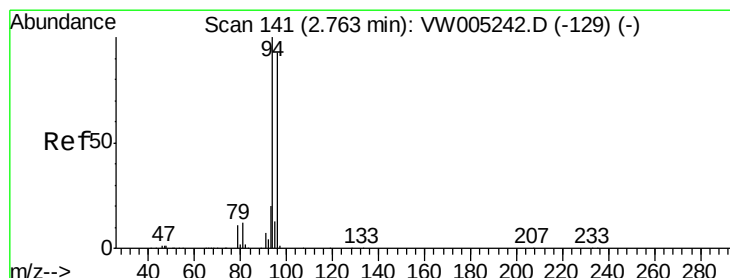
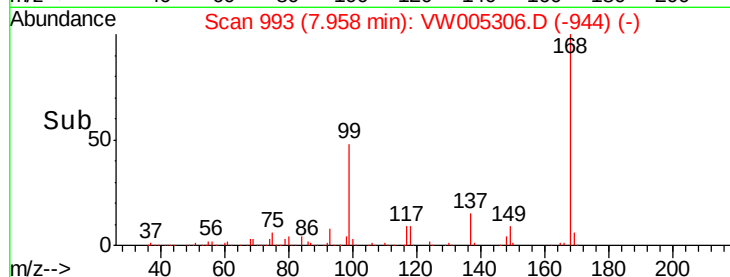
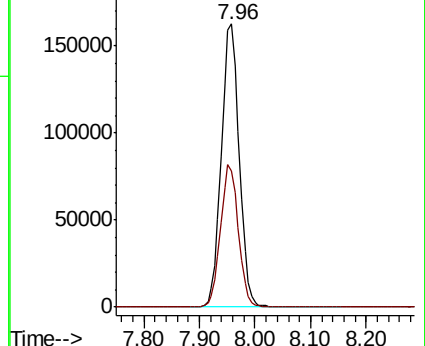
168 100

99 48.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW005306.D

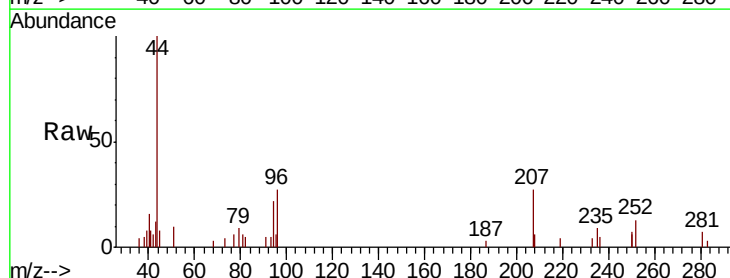
Acq: 12 Sep 2018 06:22

Tgt Ion: 94 Resp: 1003

Ion Ratio Lower Upper

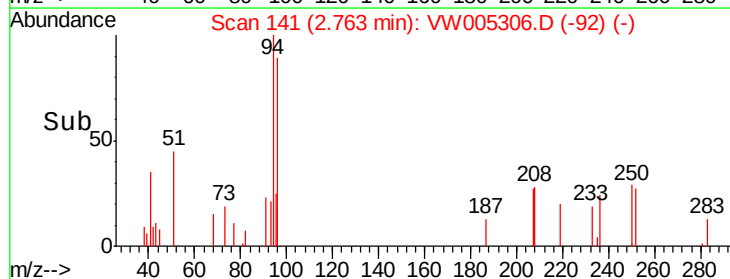
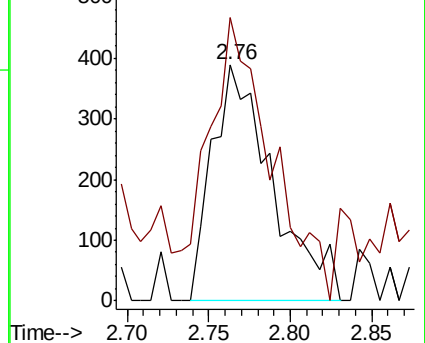
94 100

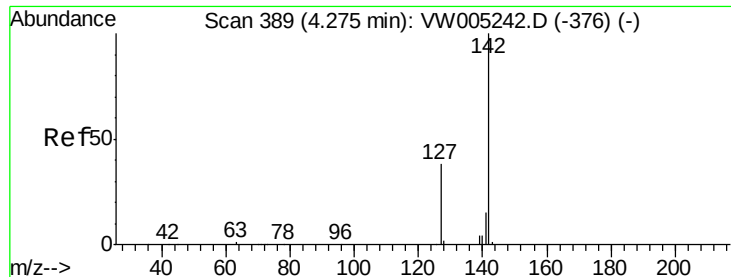
96 95.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

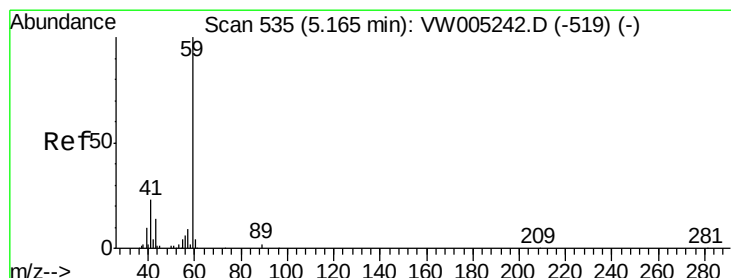
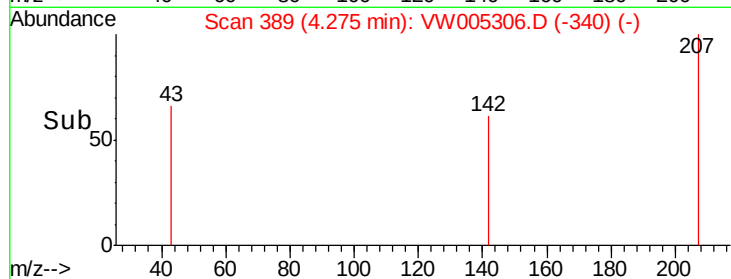
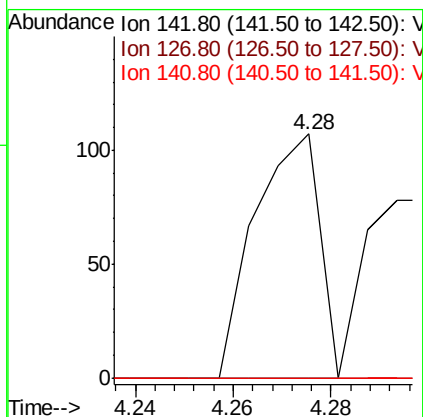
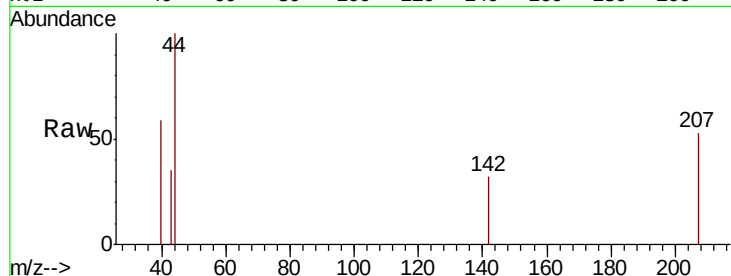




#10
Methyl Iodide
Concen: 3.350 ug/l
RT: 4.28 min Scan# 389
Delta R.T. 0.00 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

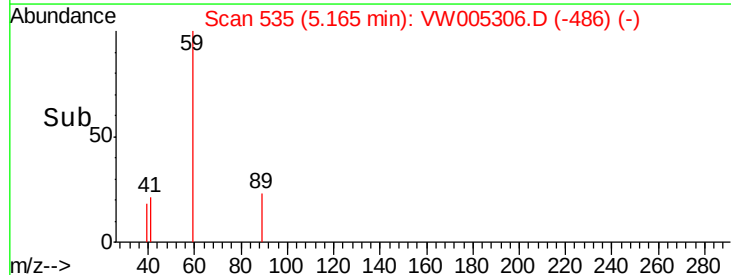
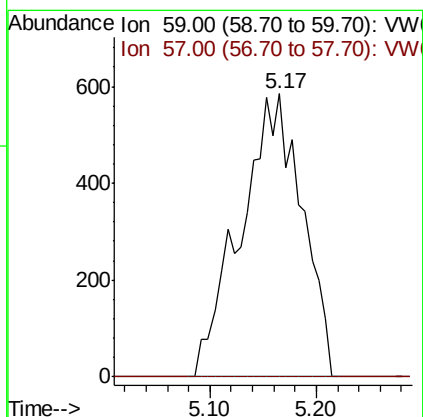
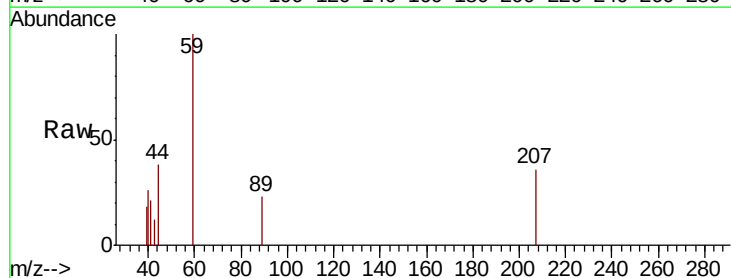
Instrument :
MSVOA_W
ClientSampled :
SG-SOIL

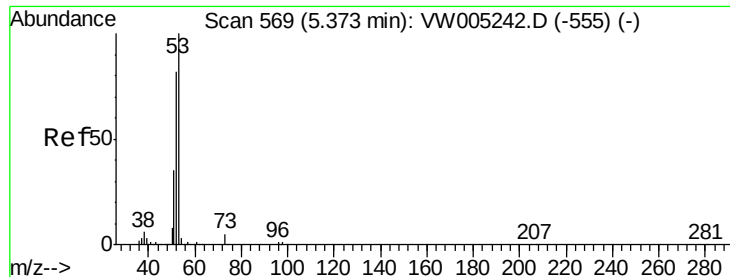
Tgt Ion: 142 Resp: 98
Ion Ratio Lower Upper
142 100
127 0.0 30.3 45.5#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 10.588 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

Tgt Ion: 59 Resp: 2345
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#15

Acrylonitrile

Concen: 1.943 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampleId :

SG-SOIL

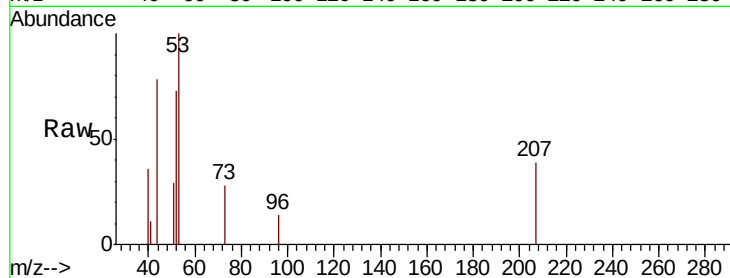
Tgt Ion: 53 Resp: 1355

Ion Ratio Lower Upper

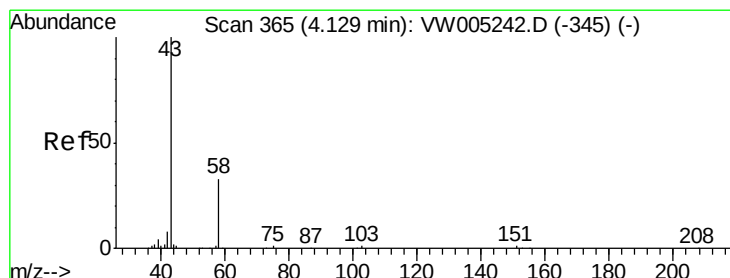
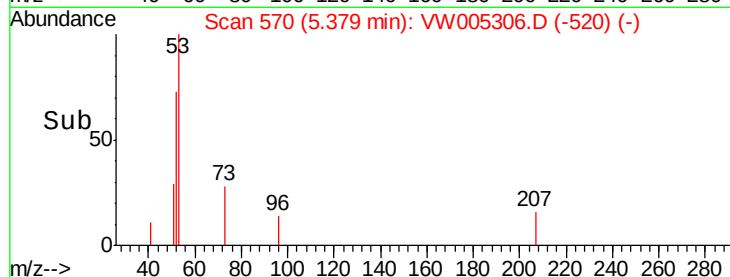
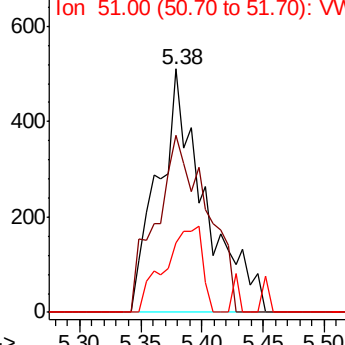
53 100

52 79.1 66.0 99.0

51 28.4 28.6 43.0#



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: 43.878 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005306.D

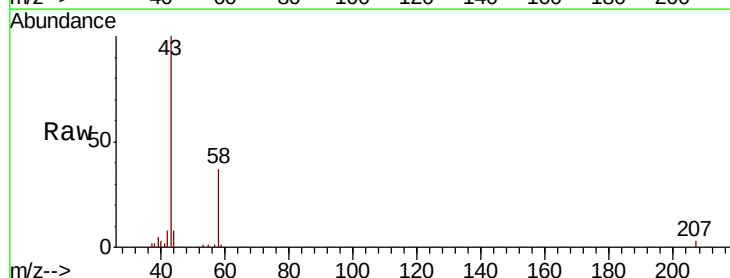
Acq: 12 Sep 2018 06:22

Tgt Ion: 43 Resp: 21996

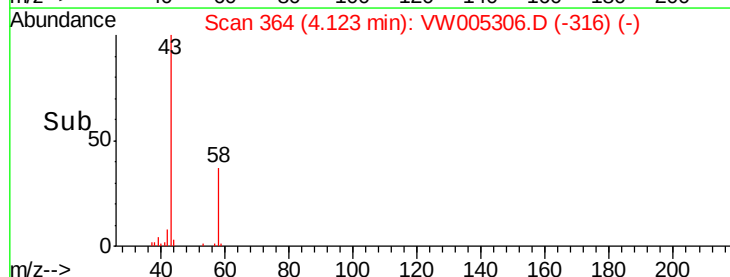
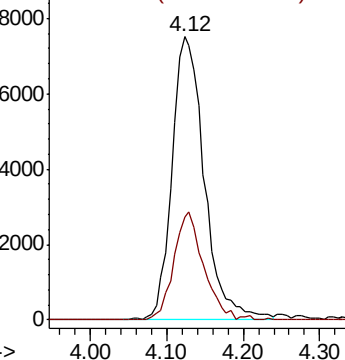
Ion Ratio Lower Upper

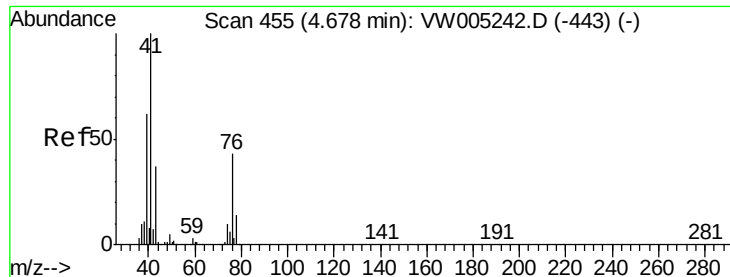
43 100

58 36.5 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

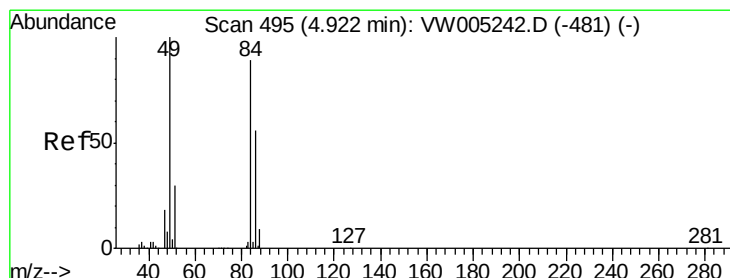
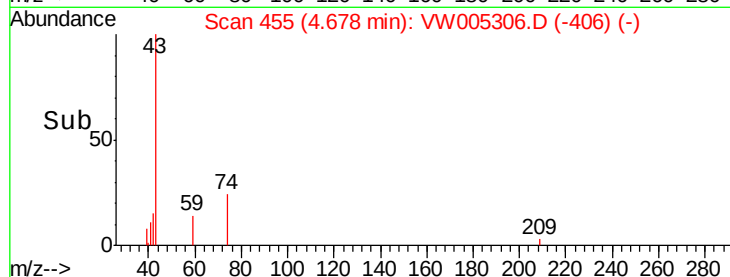
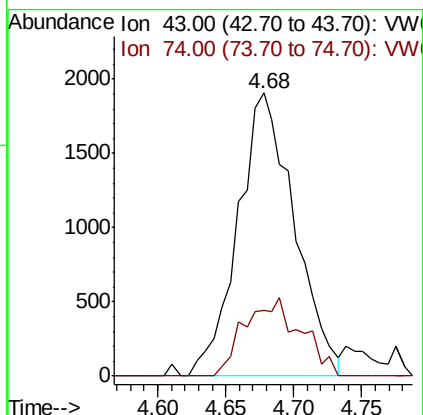
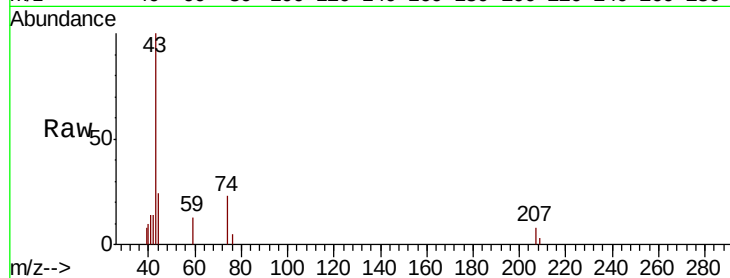




#18
Methyl Acetate
Concen: 3.699 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

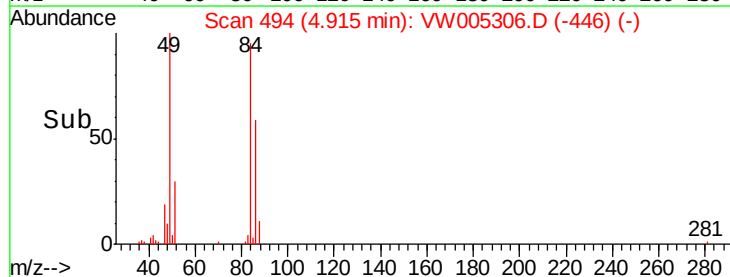
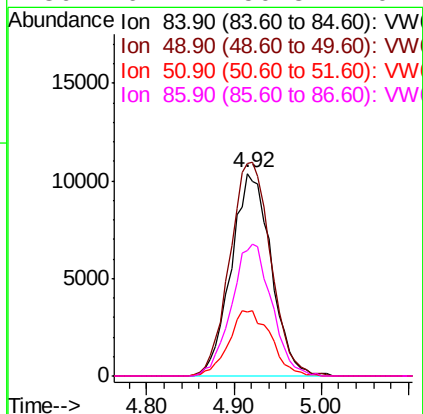
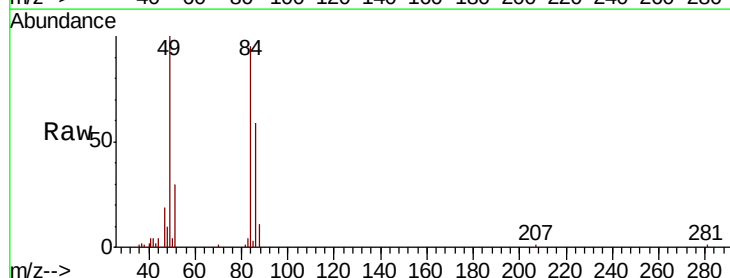
Instrument :
MSVOA_W
ClientSampleId :
SG-SOIL

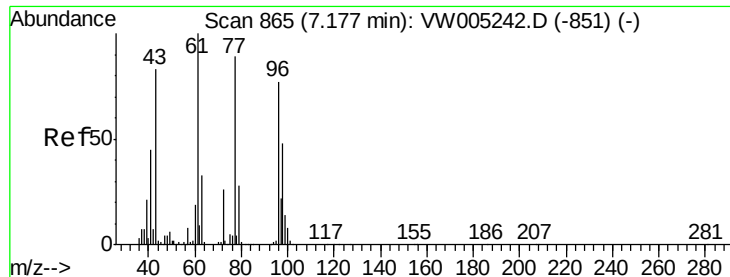
Tgt Ion: 43 Resp: 5535
Ion Ratio Lower Upper
43 100
74 27.4 21.4 32.2



#20
Methylene Chloride
Concen: 5.971 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

Tgt Ion: 84 Resp: 33050
Ion Ratio Lower Upper
84 100
49 105.1 90.3 135.5
51 31.9 26.9 40.3
86 62.1 50.8 76.2





#25

2-Butanone

Concen: 5.800 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampled :

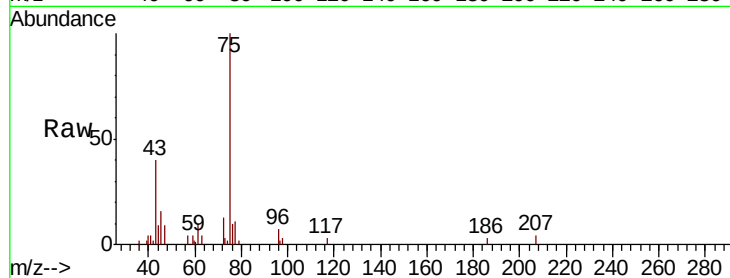
SG-SOIL

Tgt Ion: 43 Resp: 4586

Ion Ratio Lower Upper

43 100

72 33.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

2000

1500

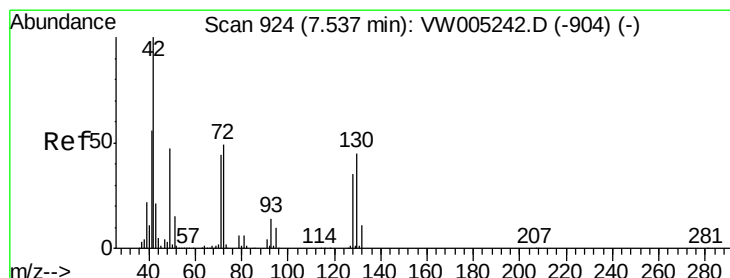
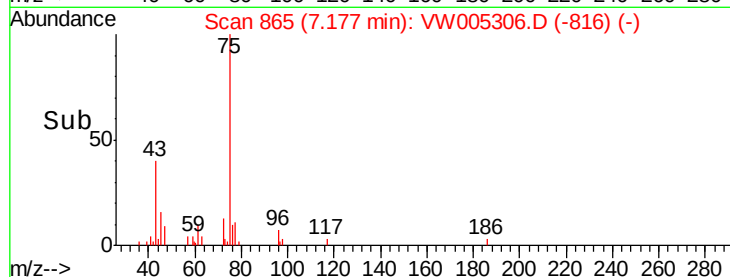
1000

500

0

7.10 7.15 7.20 7.25 7.30

Time-->



#29

Tetrahydrofuran

Concen: 3.258 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

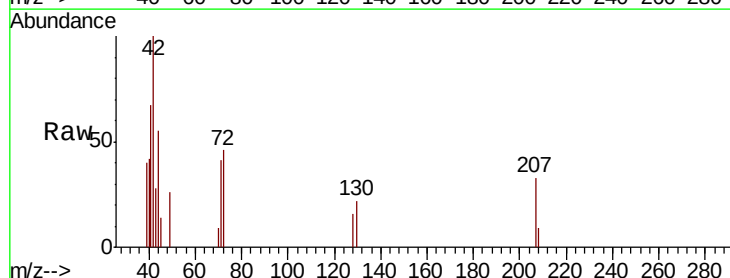
Tgt Ion: 42 Resp: 1736

Ion Ratio Lower Upper

42 100

72 47.6 37.5 56.3

71 53.9 34.8 52.2#



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

800

600

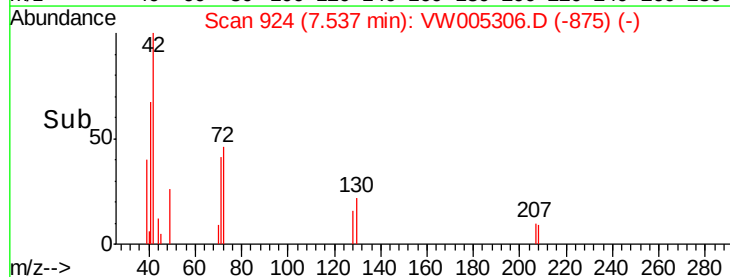
400

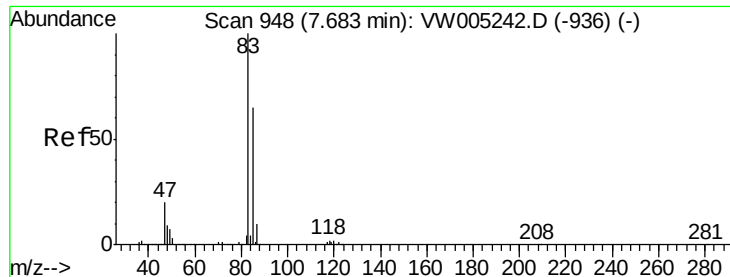
200

0

7.45 7.50 7.55 7.60

Time-->

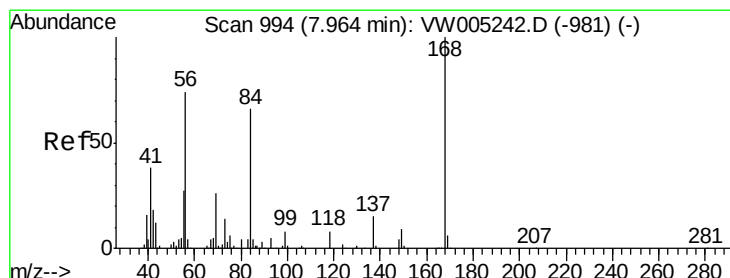
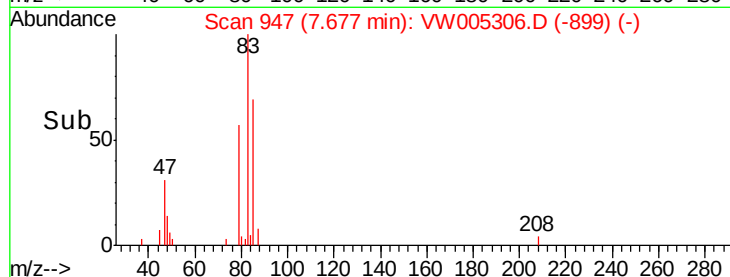
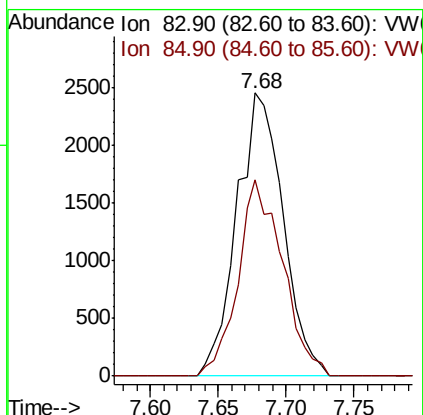
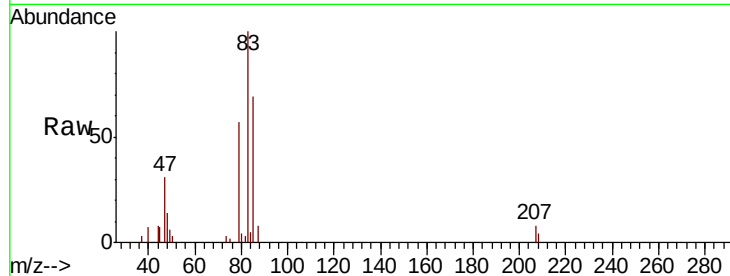




#30
Chloroform
Concen: 1.073 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

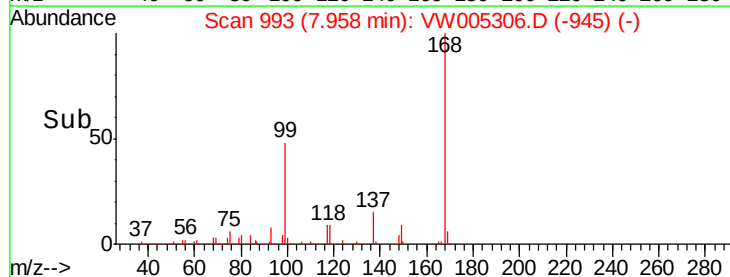
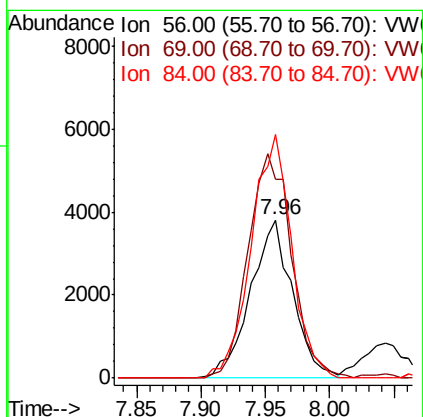
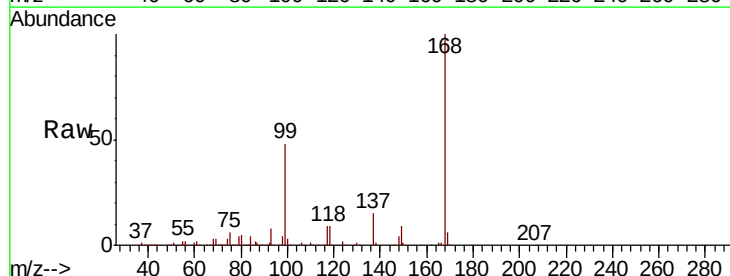
Instrument :
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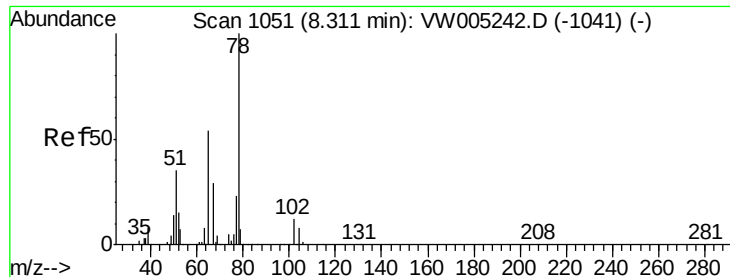
Tgt Ion: 83 Resp: 5851
Ion Ratio Lower Upper
83 100
85 69.1 51.7 77.5



#31
Cyclohexane
Concen: 1.495 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

Tgt Ion: 56 Resp: 8642
Ion Ratio Lower Upper
56 100
69 125.7 27.8 41.8#
84 153.9 72.1 108.1#

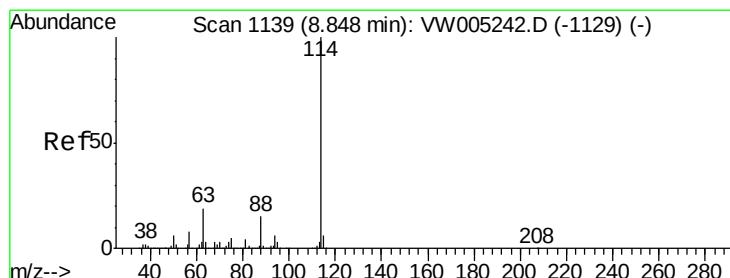
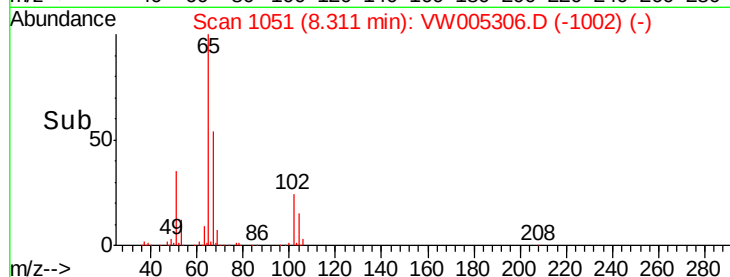
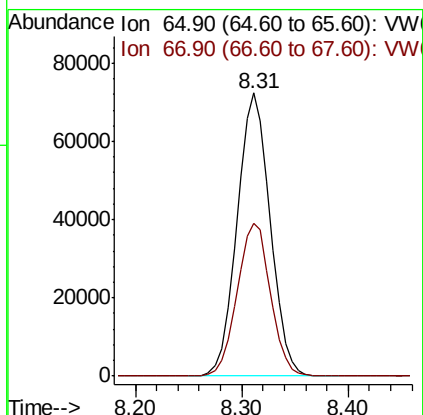
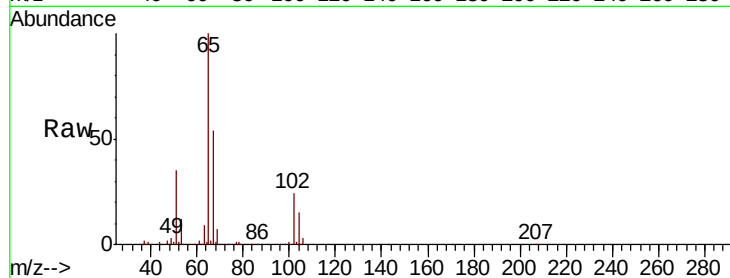




#33
 1,2-Dichloroethane-d4
 Concen: 58.308 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005306.D
 Acq: 12 Sep 2018 06:22

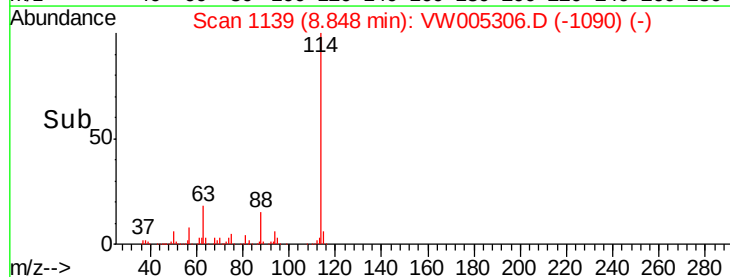
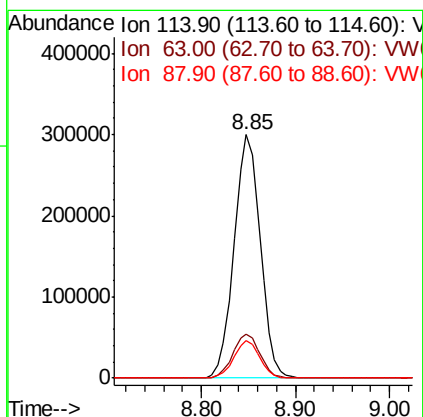
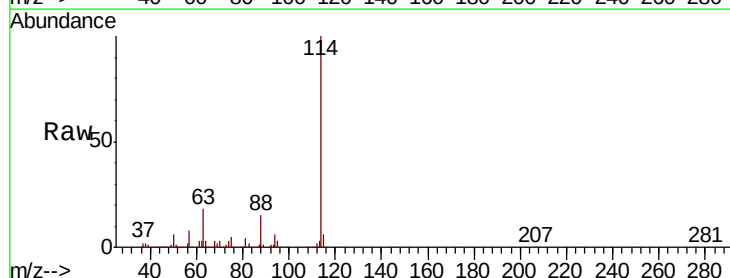
Instrument :
 MSVOA_W
 ClientSampled :
 SG-SOIL

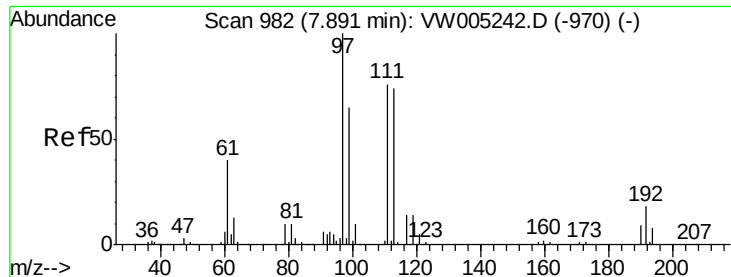
Tgt Ion: 65 Resp: 157474
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005306.D
 Acq: 12 Sep 2018 06:22

Tgt Ion: 114 Resp: 582150
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.0
 88 15.4 0.0 30.4

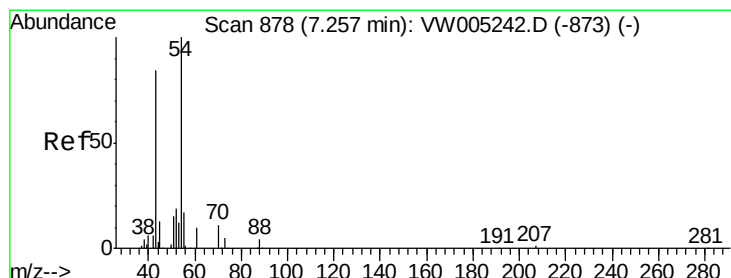
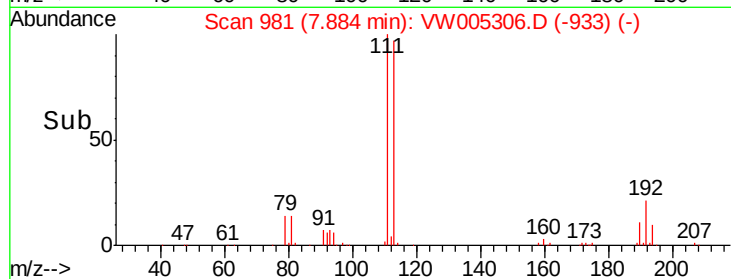
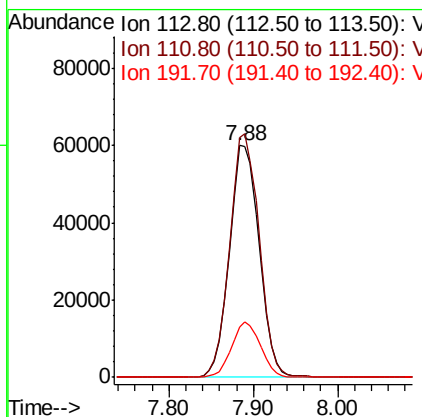
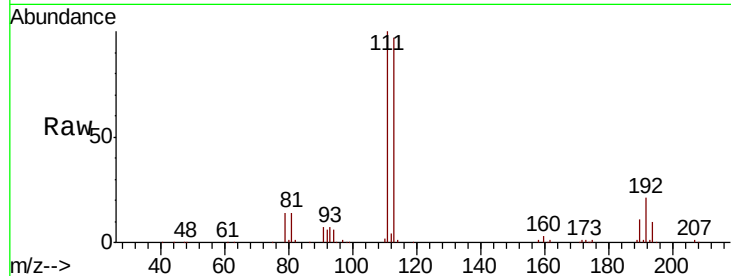




#35
 Dibromofluoromethane
 Concen: 47.155 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW005306.D
 Acq: 12 Sep 2018 06:22

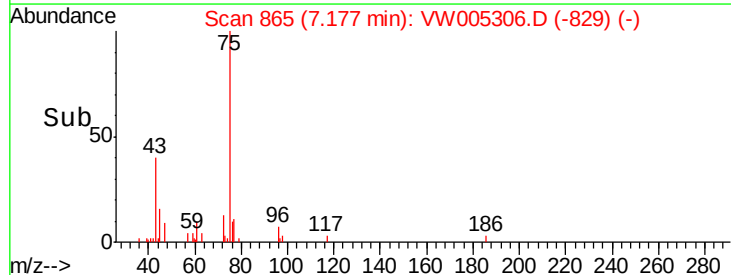
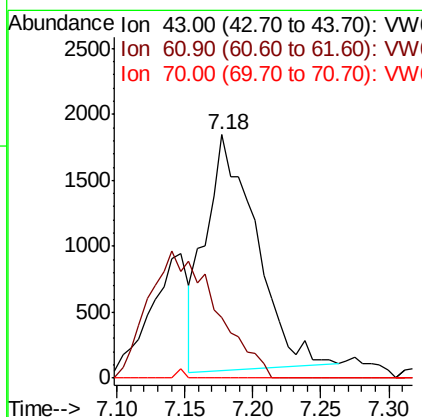
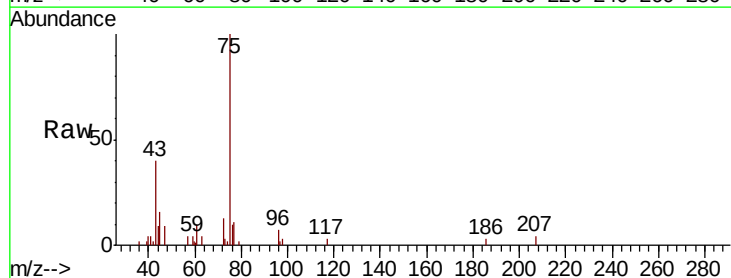
Instrument :
 MSVOA_W
 ClientSampleId :
 SG-SOIL

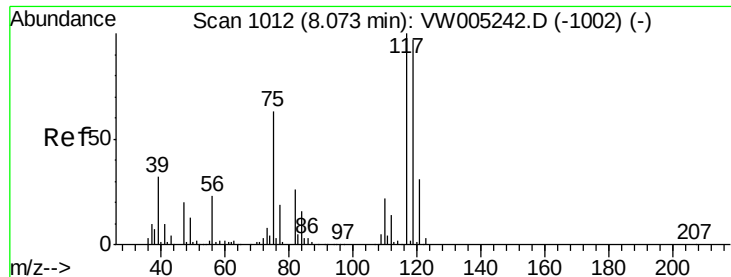
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.6	121.0
192	23.1	18.3	27.5



#37
 Ethyl Acetate
 Concen: 2.261 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VW005306.D
 Acq: 12 Sep 2018 06:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.3	18.5#
70	0.0	9.5	14.3#





#38

Carbon Tetrachloride

Concen: 6.428 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampled :

SG-SOIL

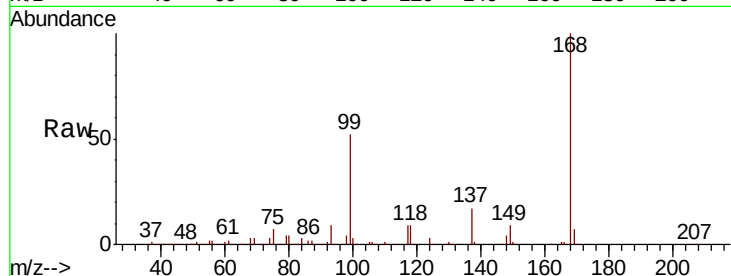
Tgt Ion:117 Resp: 32113

Ion Ratio Lower Upper

117 100

119 5.0 77.5 116.3#

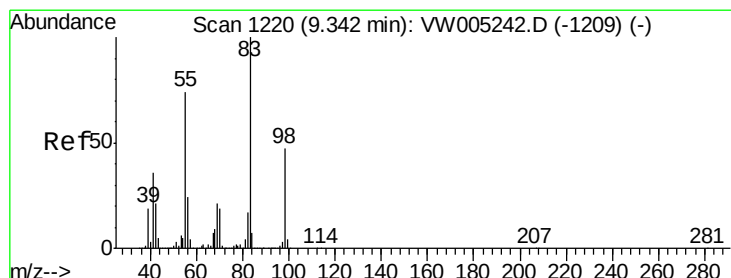
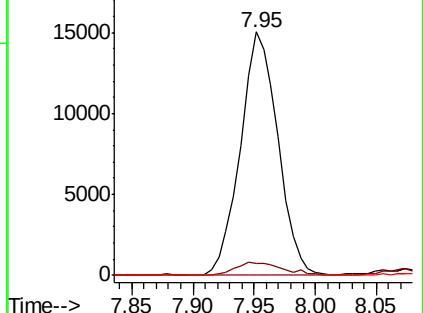
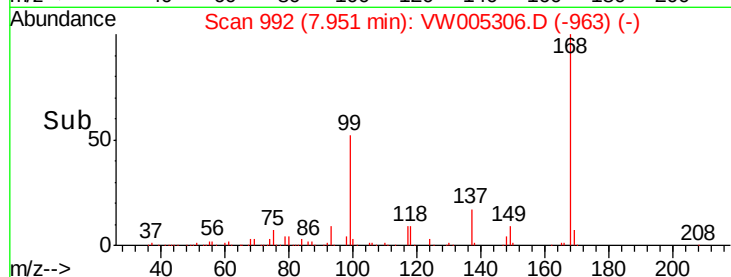
121 0.0 24.7 37.1#



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: 5.676 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

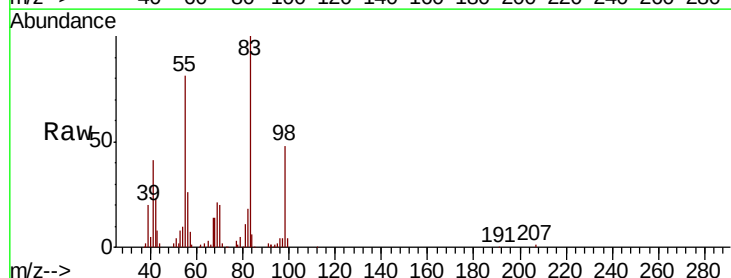
Tgt Ion: 83 Resp: 40196

Ion Ratio Lower Upper

83 100

55 81.2 58.9 88.3

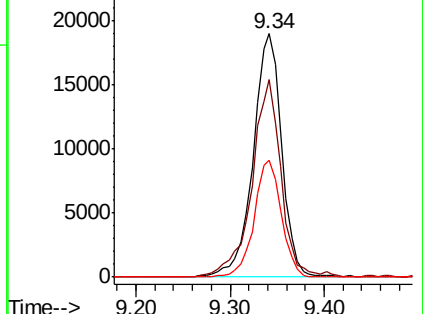
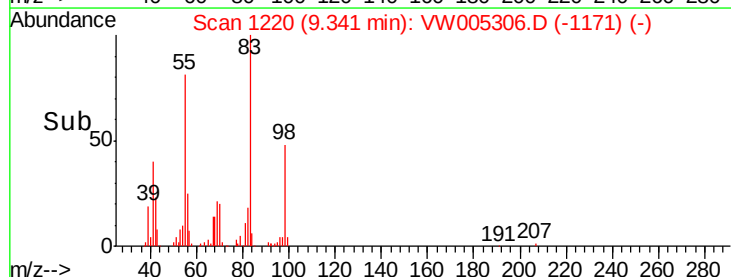
98 48.2 37.6 56.4

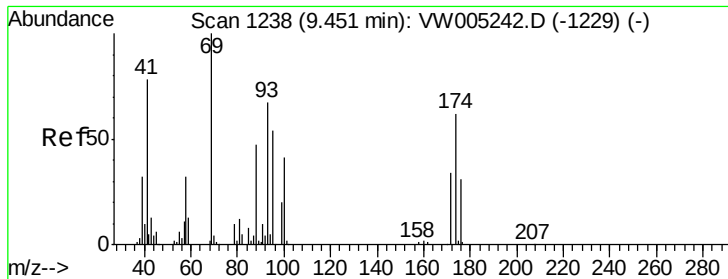


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

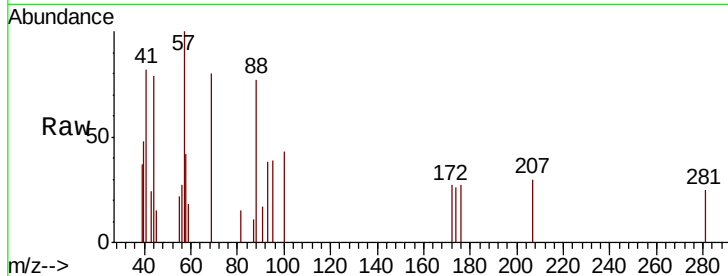




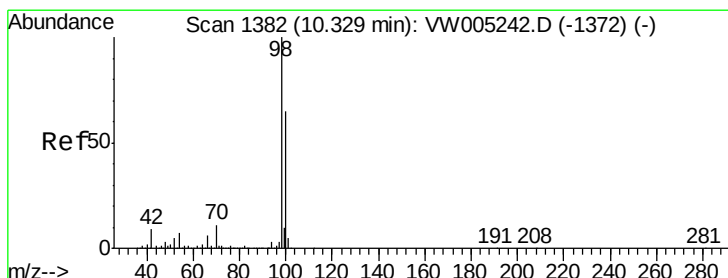
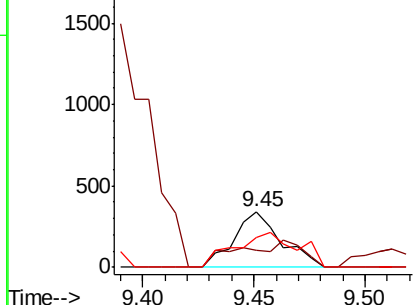
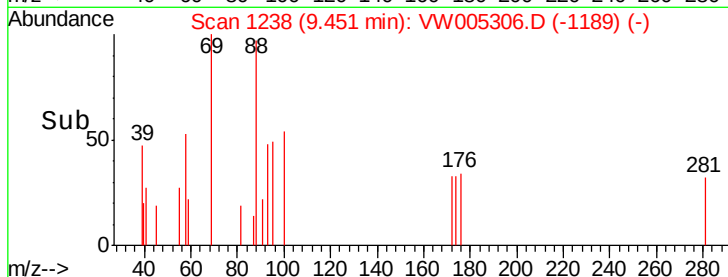
#49
1,4-Dioxane
Concen: 14.486 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

Instrument :
MSVOA_W
ClientSampleId :
SG-SOIL

Tgt Ion: 88 Resp: 500
Ion Ratio Lower Upper
88 100
43 66.2 22.7 34.1#
58 84.8 56.6 85.0

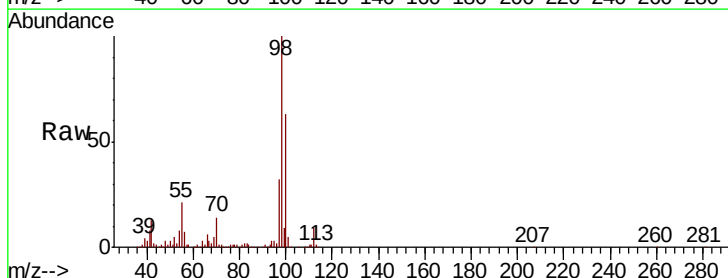


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

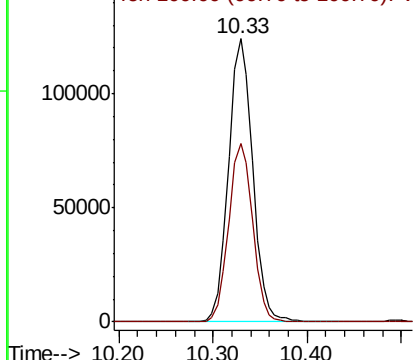
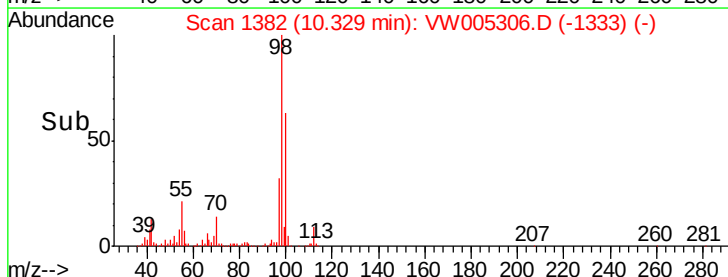


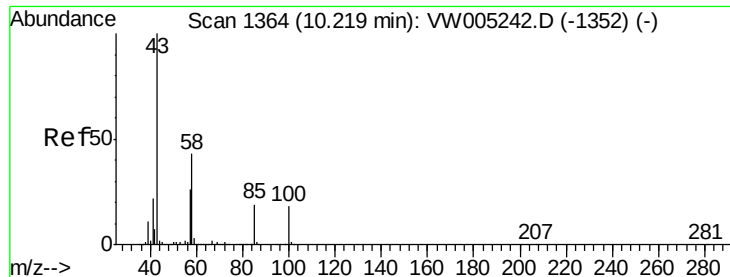
#50
Toluene-d8
Concen: 14.385 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

Tgt Ion: 98 Resp: 221670
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 2.597 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampled :

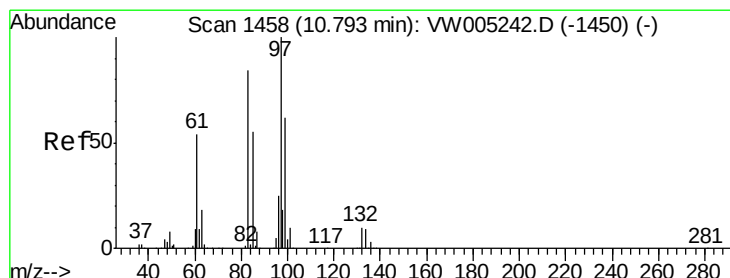
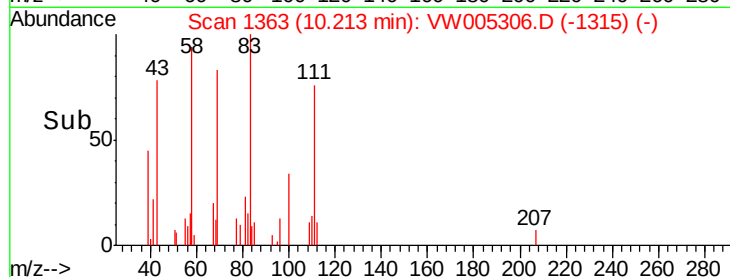
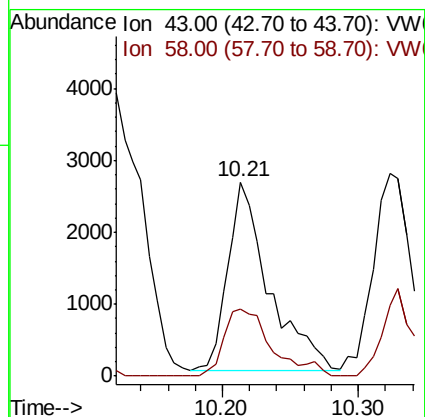
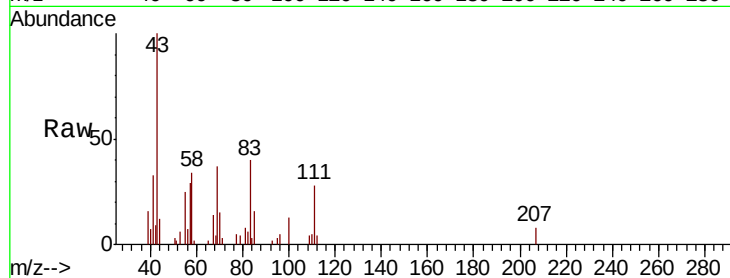
SG-SOIL

Tgt Ion: 43 Resp: 5506

Ion Ratio Lower Upper

43 100

58 41.4 33.8 50.6



#55

1,1,2-Trichloroethane

Concen: 10.965 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Tgt Ion: 97 Resp: 32320

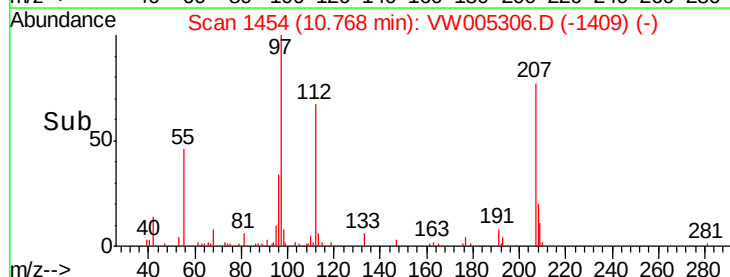
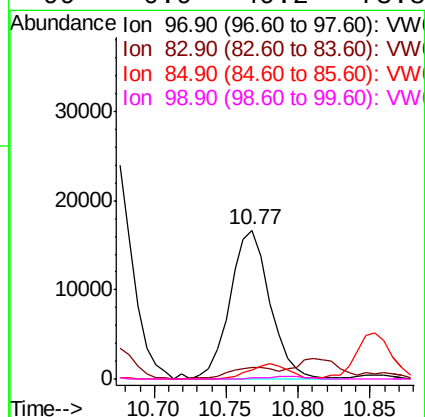
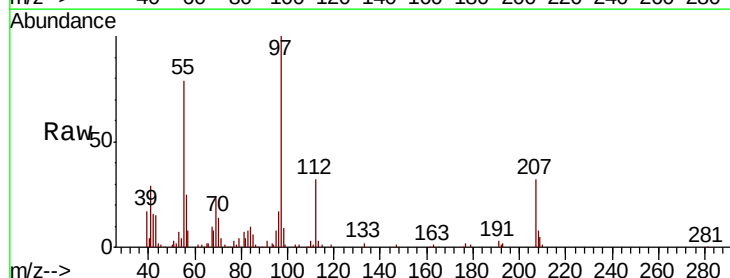
Ion Ratio Lower Upper

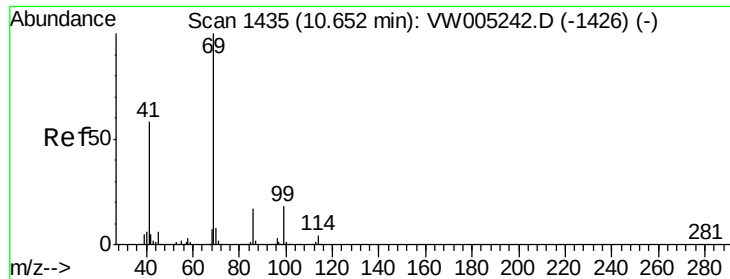
97 100

83 7.2 67.2 100.8#

85 5.8 44.4 66.6#

99 0.9 49.2 73.8#





#56

Ethyl methacrylate

Concen: 3.537 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampled :

SG-SOIL

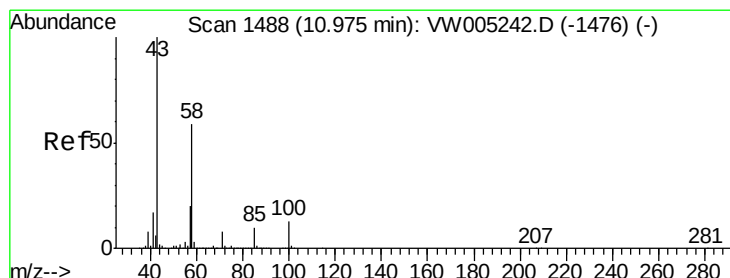
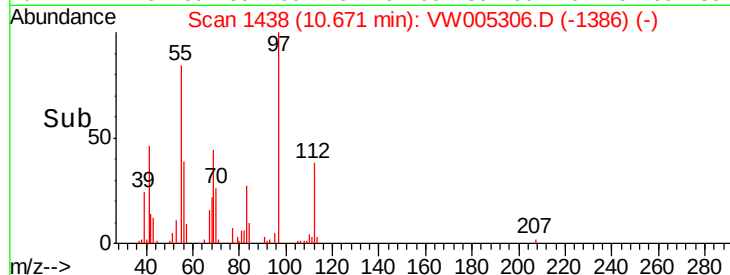
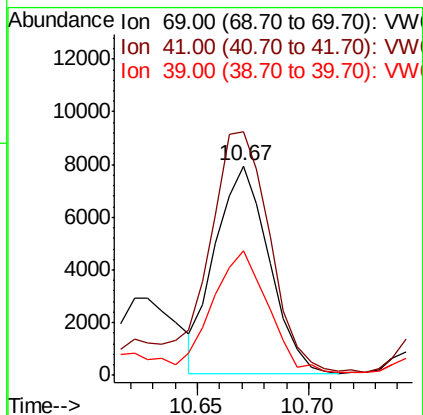
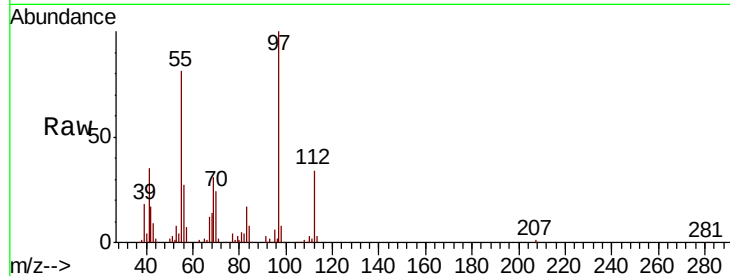
Tgt Ion: 69 Resp: 13218

Ion Ratio Lower Upper

69 100

41 151.0 48.7 73.1#

39 60.1 20.9 31.3#



#59

2-Hexanone

Concen: 22.767 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.04 min

Lab File: VW005306.D

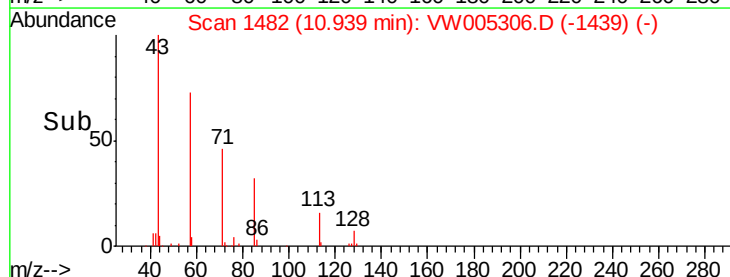
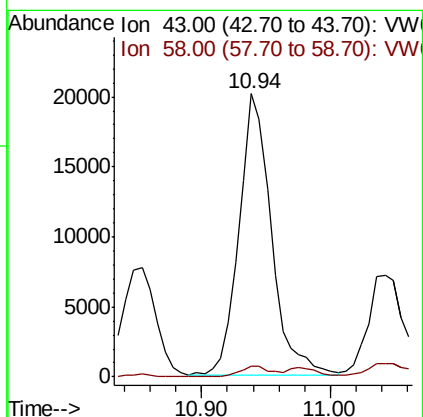
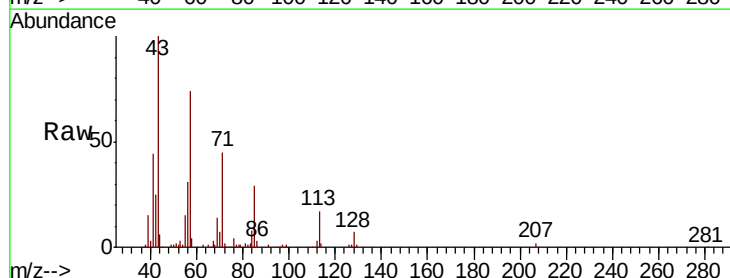
Acq: 12 Sep 2018 06:22

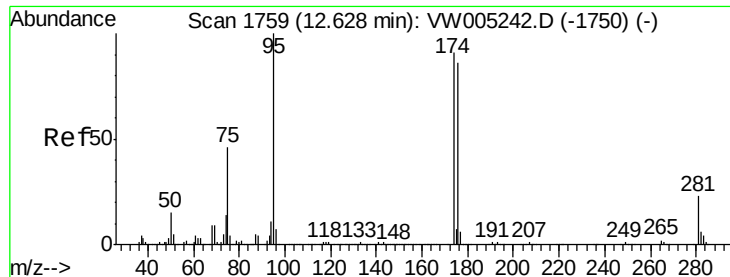
Tgt Ion: 43 Resp: 34796

Ion Ratio Lower Upper

43 100

58 3.8 29.3 87.9#





#62

4-Bromofluorobenzene

Concen: 23.969 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampled :

SG-SOIL

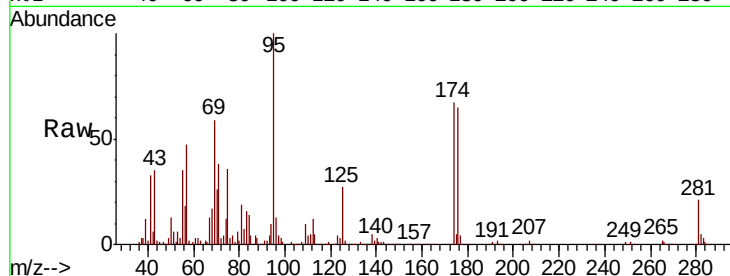
Tgt Ion: 95 Resp: 135097

Ion Ratio Lower Upper

95 100

174 67.3 0.0 174.6

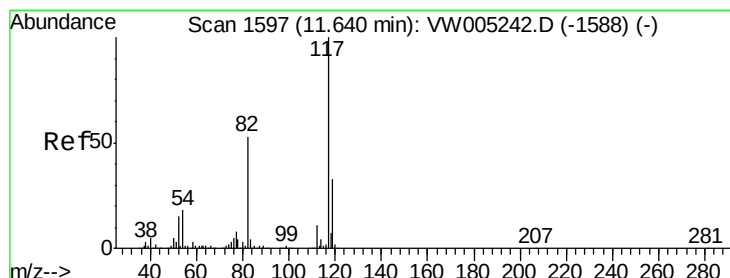
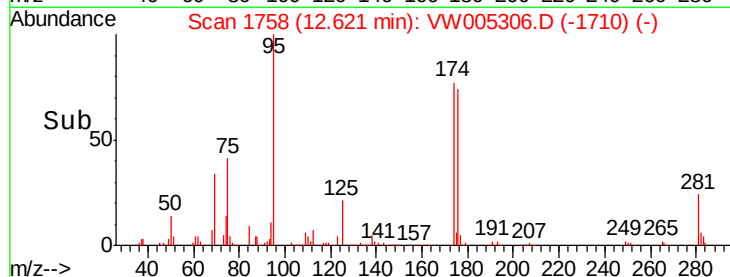
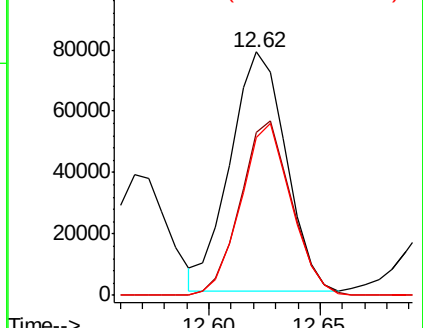
176 65.5 0.0 167.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

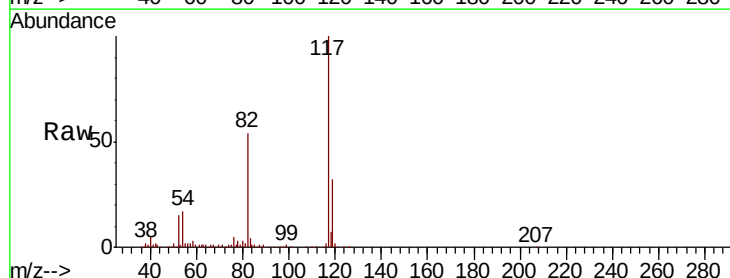
Tgt Ion: 117 Resp: 231780

Ion Ratio Lower Upper

117 100

82 52.7 42.6 63.8

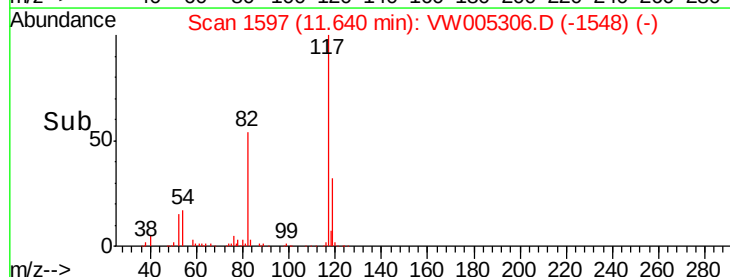
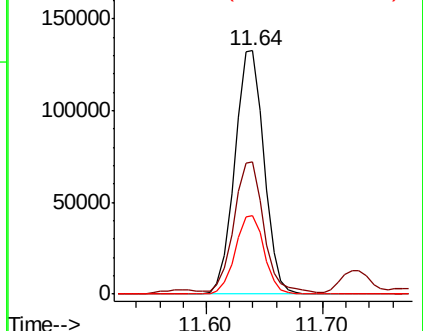
119 32.3 26.2 39.4

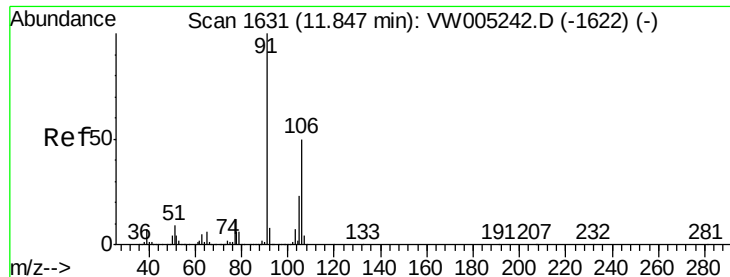


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

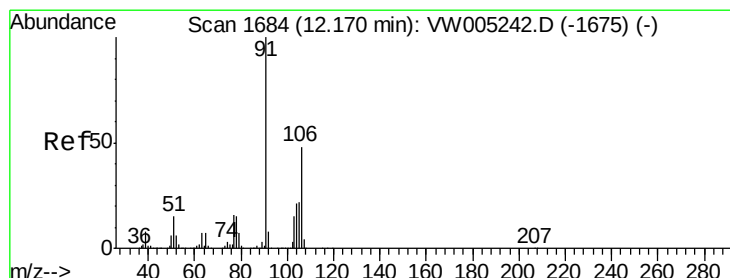
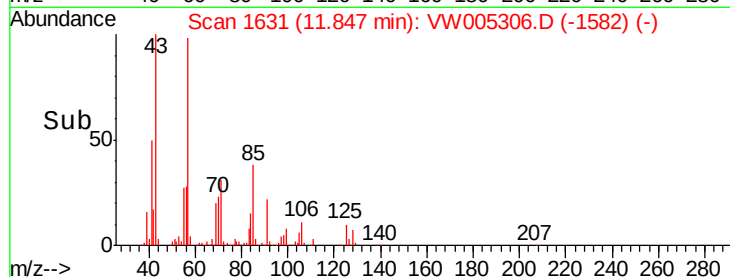
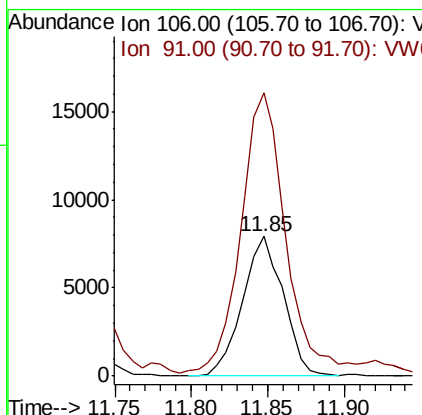
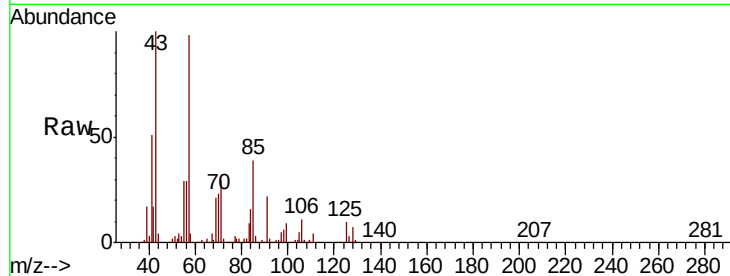




#68
m/p-Xylenes
Concen: 4.128 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

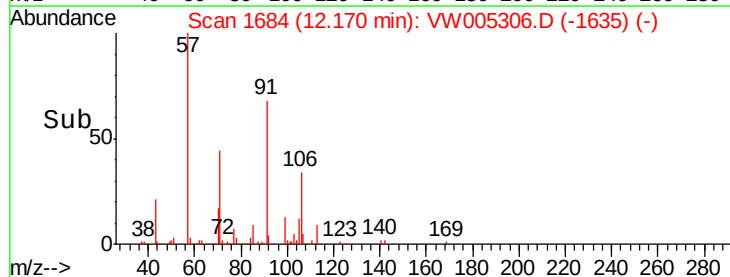
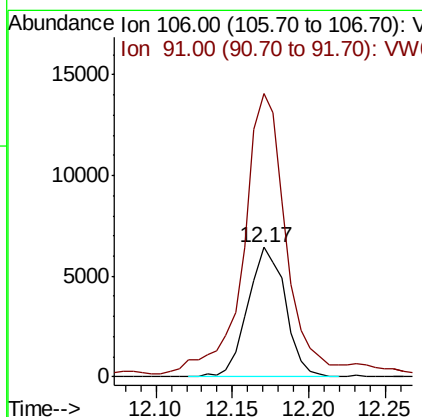
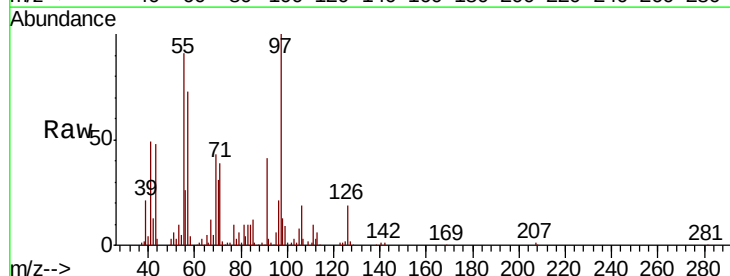
Instrument :
MSVOA_W
ClientSampled :
SG-SOIL

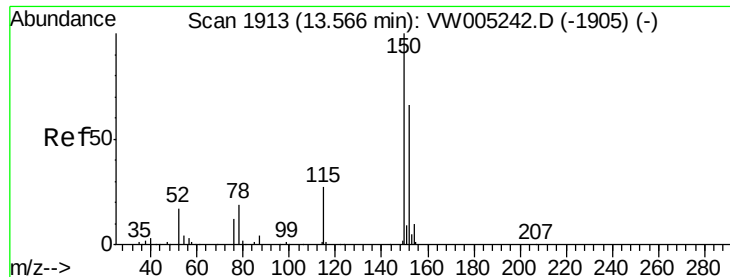
Tgt Ion:106 Resp: 14710
Ion Ratio Lower Upper
106 100
91 217.0 160.2 240.2



#69
o-Xylene
Concen: 3.313 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

Tgt Ion:106 Resp: 10982
Ion Ratio Lower Upper
106 100
91 242.8 104.1 312.3



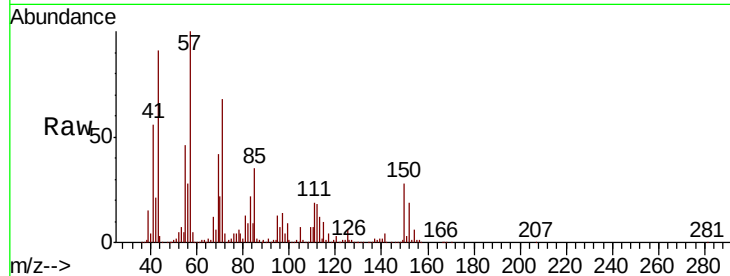


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

Instrument :
MSVOA_W
ClientSampleId :
SG-SOIL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	42.4	27.5	82.4
150	115.8	0.0	347.4

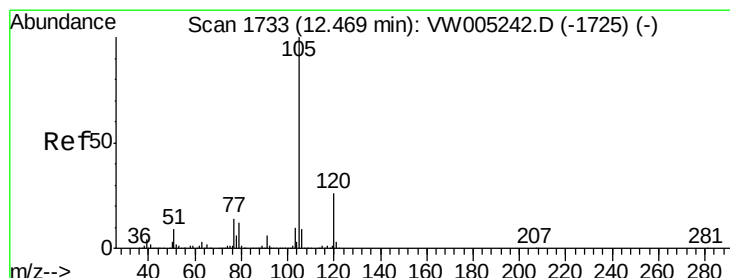
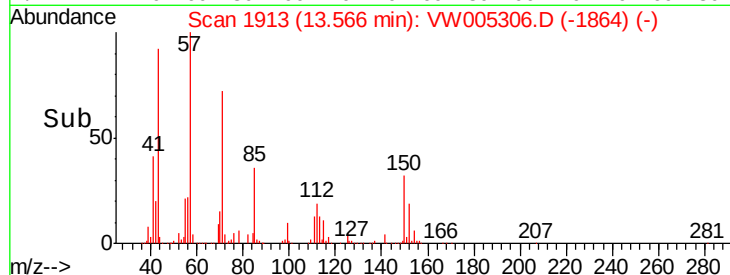
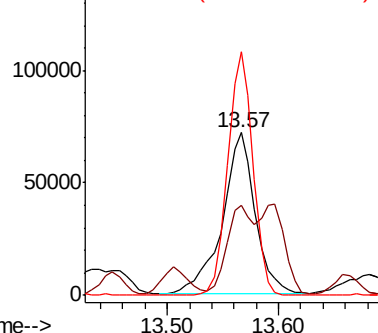


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

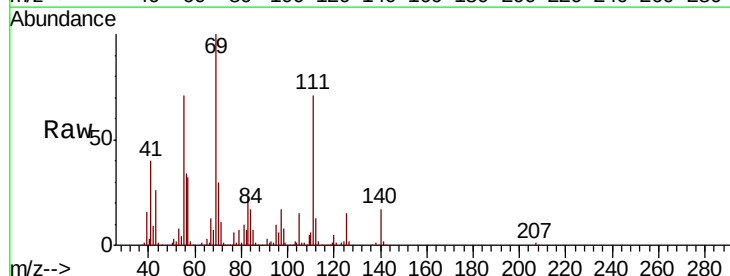
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 1.474 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

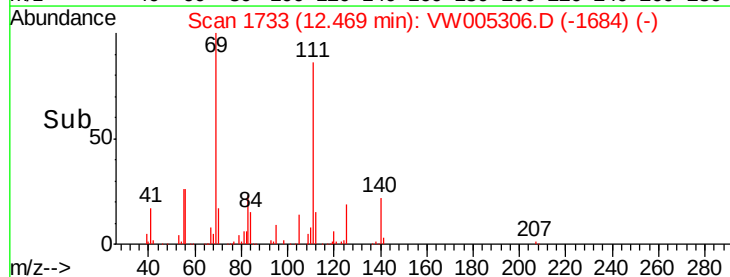
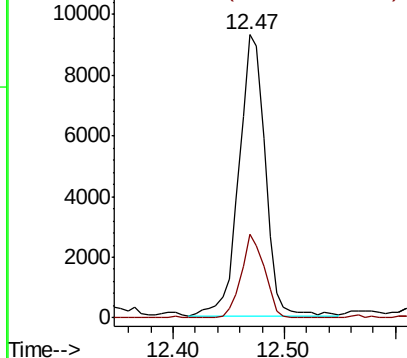
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.4	40.1

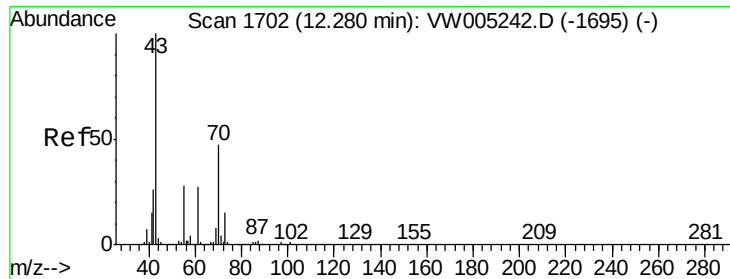


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 75.501 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.02 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampleId :

SG-SOIL

Tgt Ion: 43 Resp: 148884

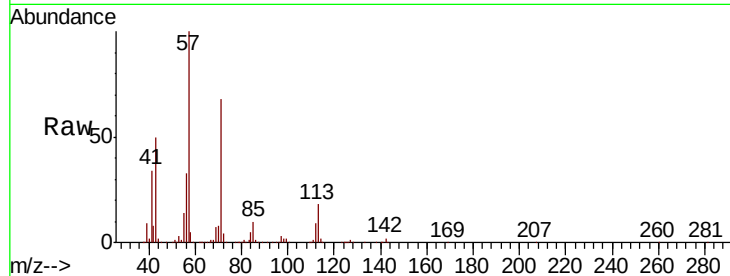
Ion Ratio Lower Upper

43 100

70 25.1 37.9 56.9#

55 0.0 22.6 33.8#

61 0.0 20.9 31.3#

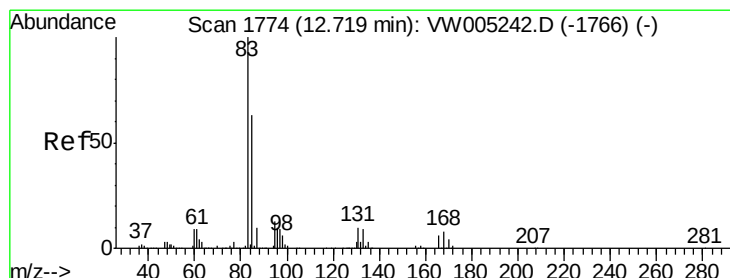
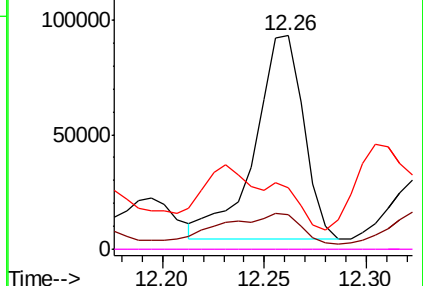
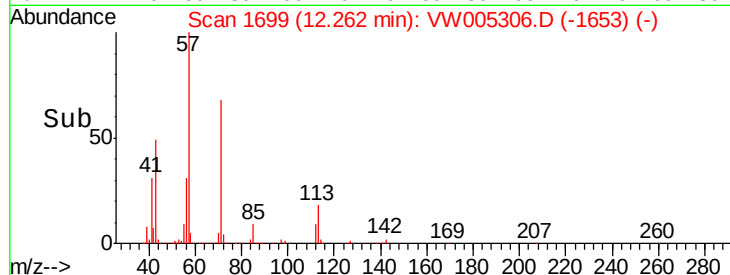


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#75

1,1,2,2-Tetrachloroethane

Concen: 17.851 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

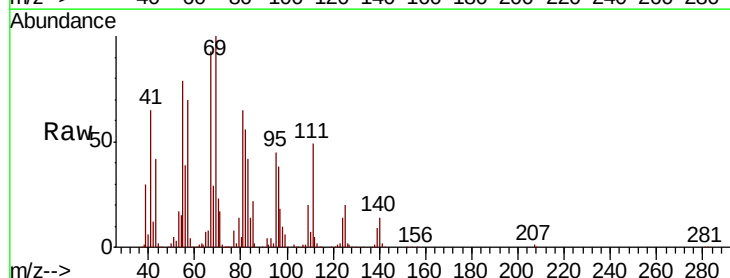
Tgt Ion: 83 Resp: 27805

Ion Ratio Lower Upper

83 100

131 0.2 5.5 16.4#

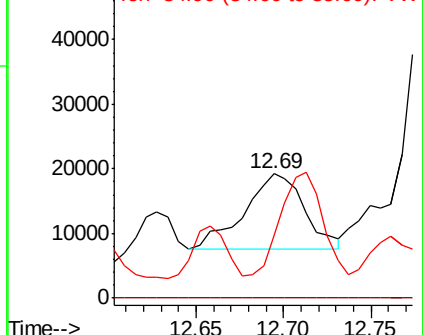
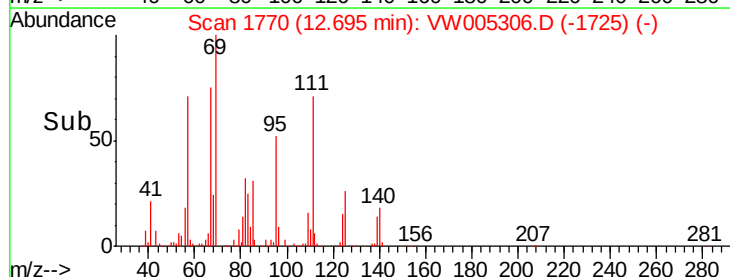
85 95.8 31.6 95.0#

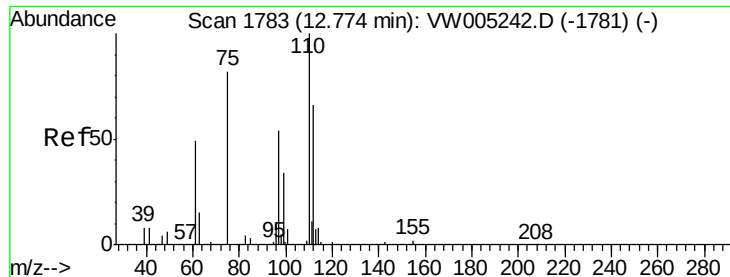


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 1.831 ug/l

RT: 12.78 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampled :

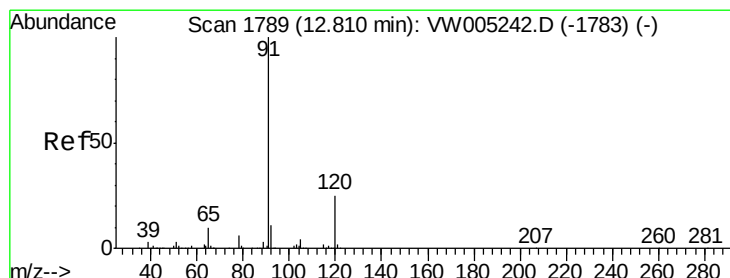
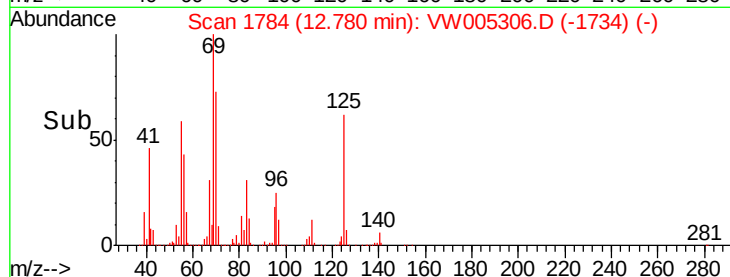
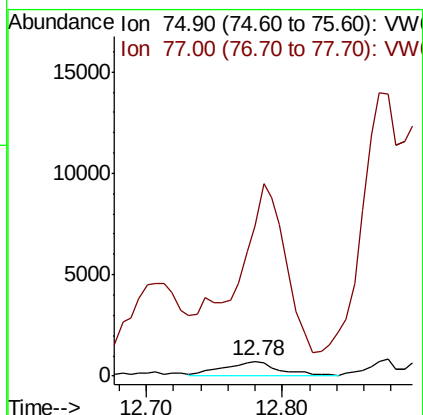
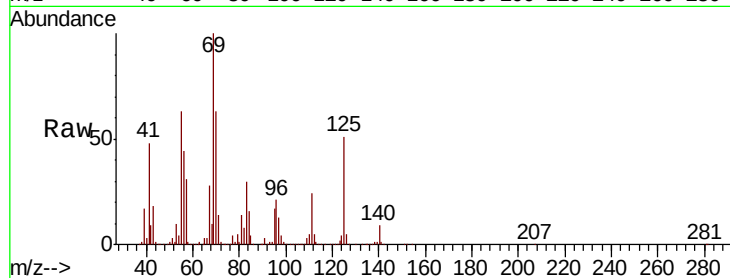
SG-SOIL

Tgt Ion: 75 Resp: 2066

Ion Ratio Lower Upper

75 100

77 975.5 0.0 0.0#



#78

n-propylbenzene

Concen: 2.402 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005306.D

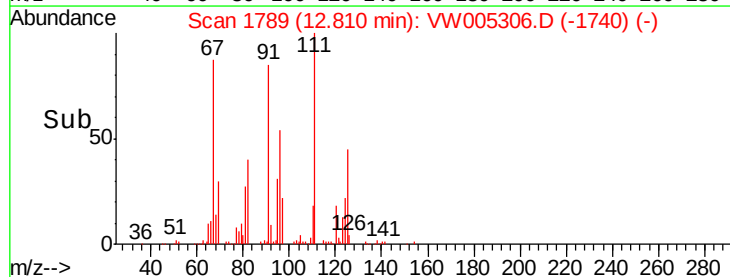
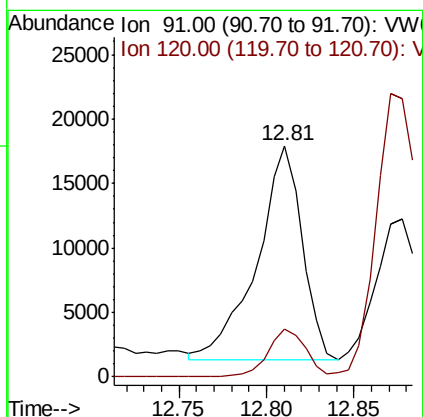
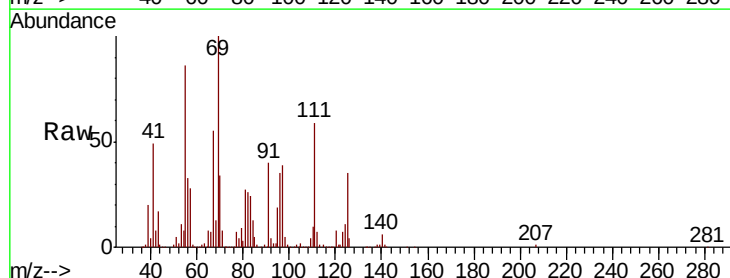
Acq: 12 Sep 2018 06:22

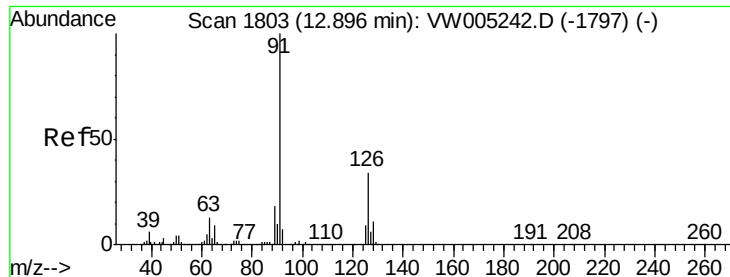
Tgt Ion: 91 Resp: 29896

Ion Ratio Lower Upper

91 100

120 18.7 12.0 36.0

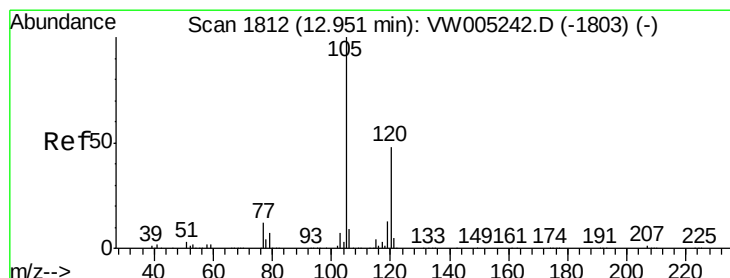
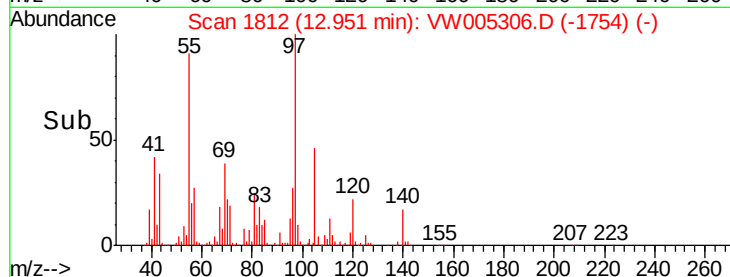
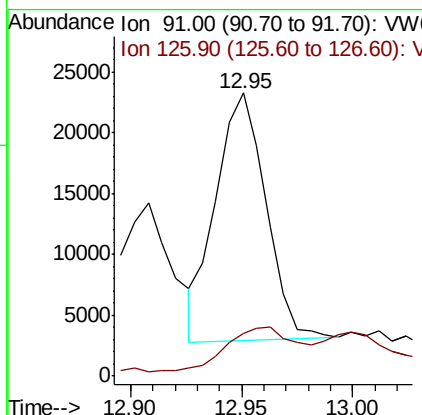
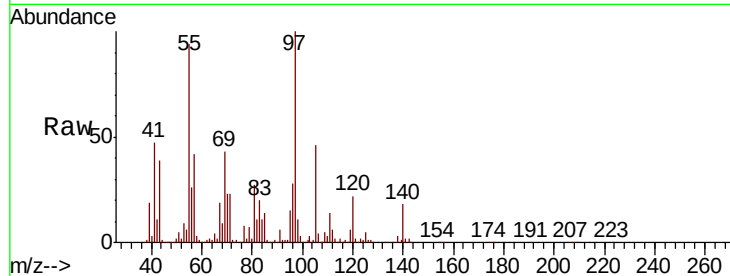




#79
 2-Chlorotoluene
 Concen: 4.471 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.05 min
 Lab File: VW005306.D
 Acq: 12 Sep 2018 06:22

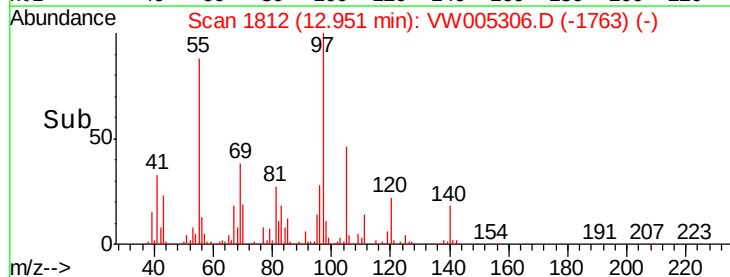
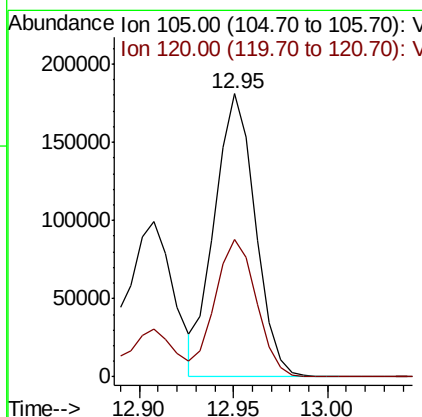
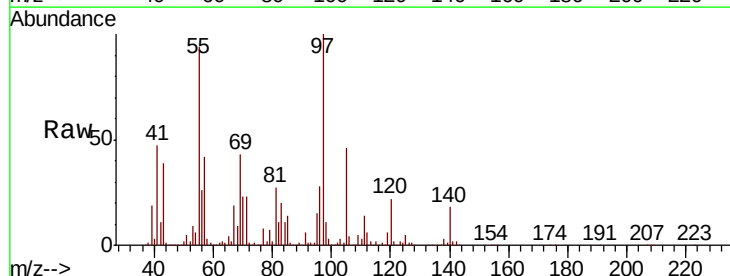
Instrument :
 MSVOA_W
 ClientSampled :
 SG-SOIL

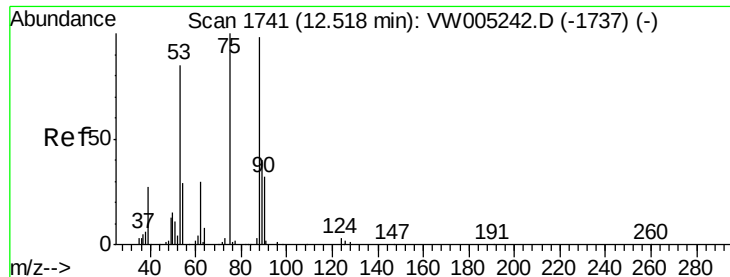
Tgt Ion: 91 Resp: 31916
 Ion Ratio Lower Upper
 91 100
 126 24.7 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 30.600 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005306.D
 Acq: 12 Sep 2018 06:22

Tgt Ion: 105 Resp: 270058
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 99.599 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampleId :

SG-SOIL

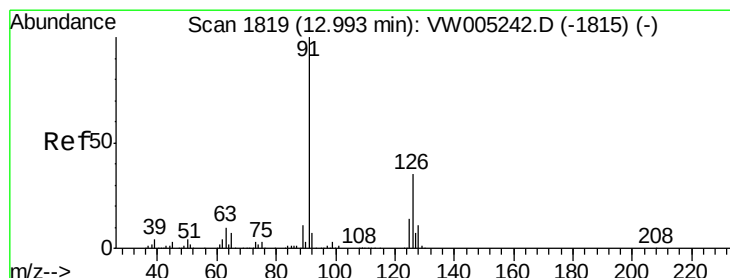
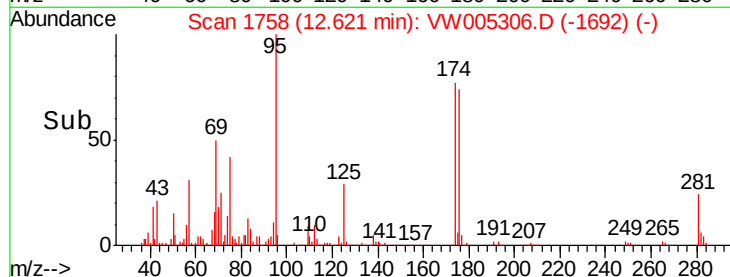
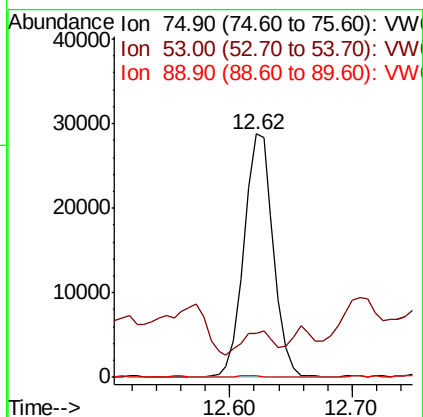
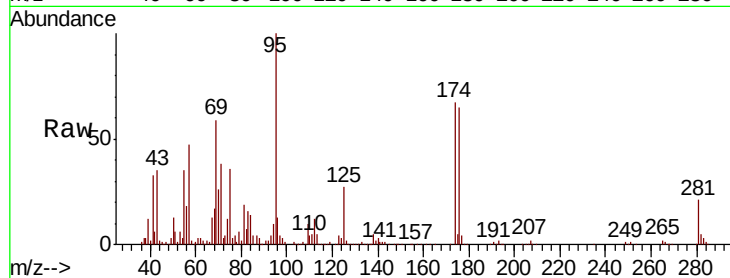
Tgt Ion: 75 Resp: 47916

Ion Ratio Lower Upper

75 100

53 9.6 67.0 100.6#

89 0.7 37.0 55.4#



#82

4-Chlorotoluene

Concen: 4.273 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW005306.D

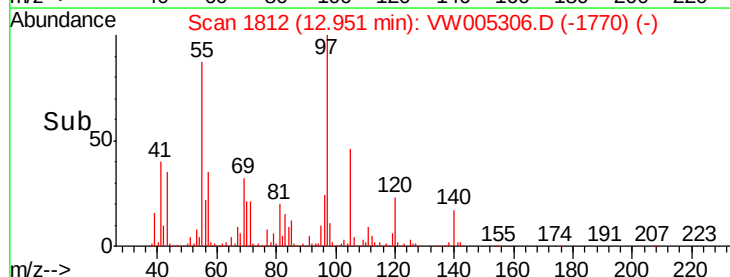
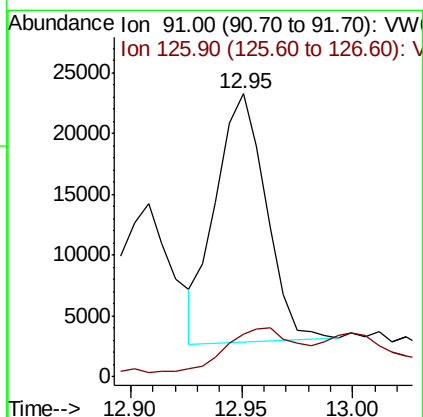
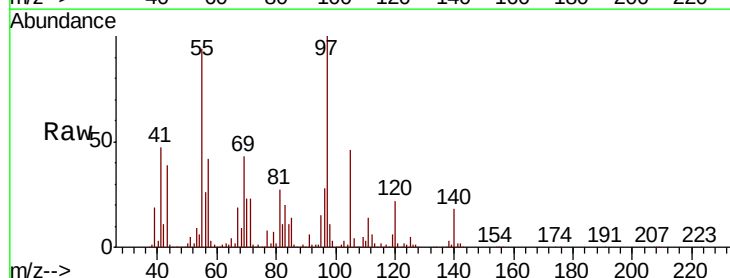
Acq: 12 Sep 2018 06:22

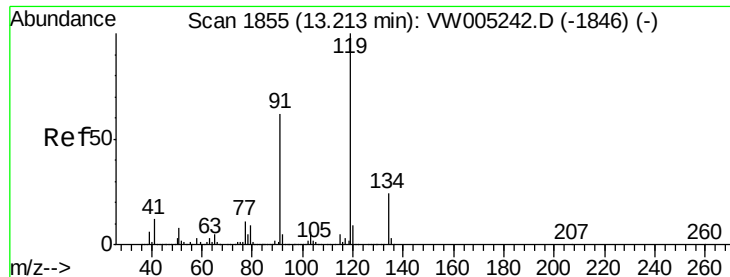
Tgt Ion: 91 Resp: 32063

Ion Ratio Lower Upper

91 100

126 24.6 17.5 52.5

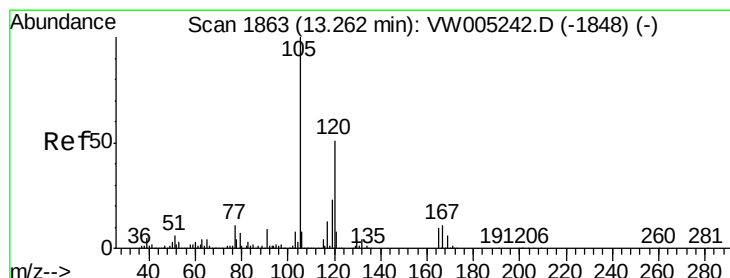
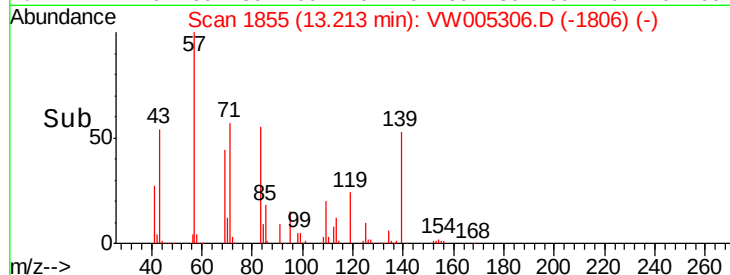
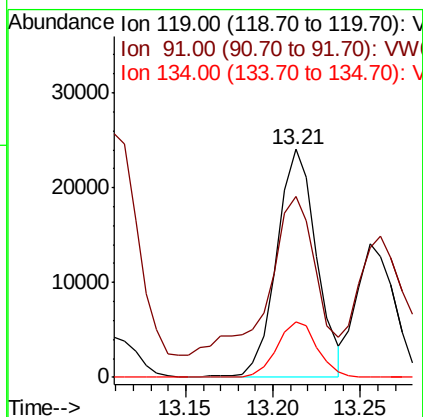
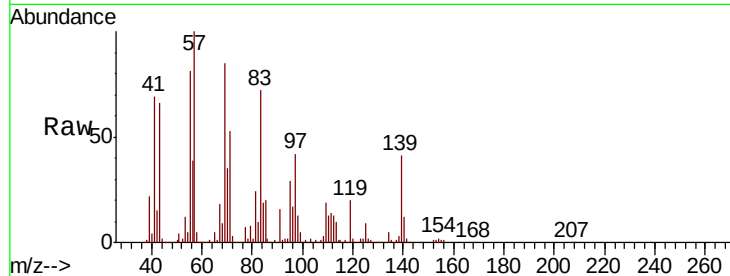




#83
 tert-Butylbenzene
 Concen: 4.924 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005306.D
 Acq: 12 Sep 2018 06:22

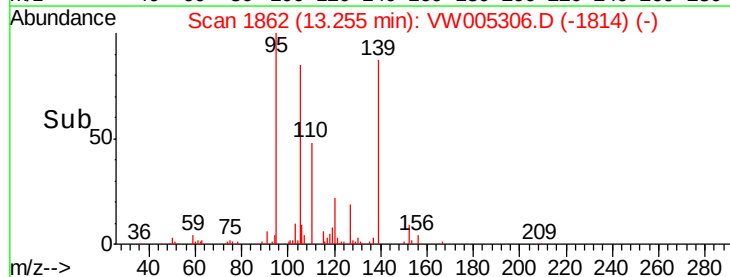
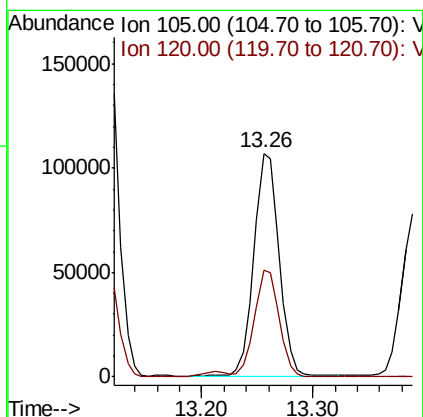
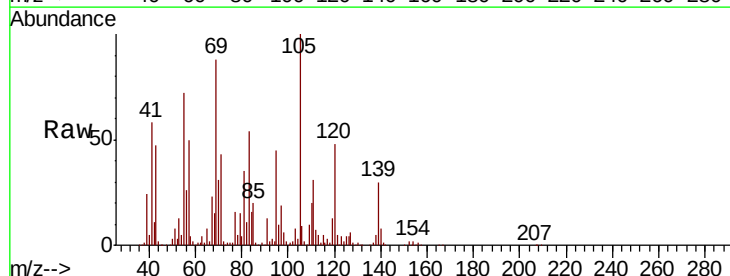
Instrument :
 MSVOA_W
 ClientSampled :
 SG-SOIL

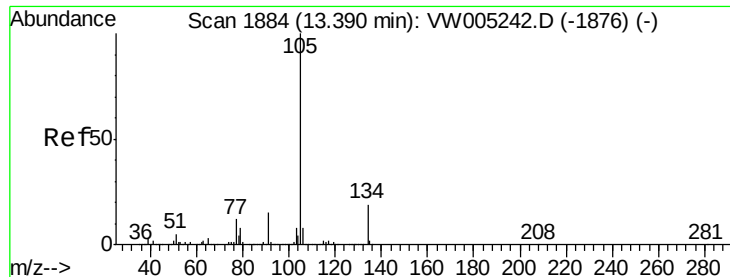
Tgt Ion:119 Resp: 38007
 Ion Ratio Lower Upper
 119 100
 91 81.1 31.7 95.1
 134 25.0 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 18.981 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005306.D
 Acq: 12 Sep 2018 06:22

Tgt Ion:105 Resp: 168338
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 11.025 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampled :

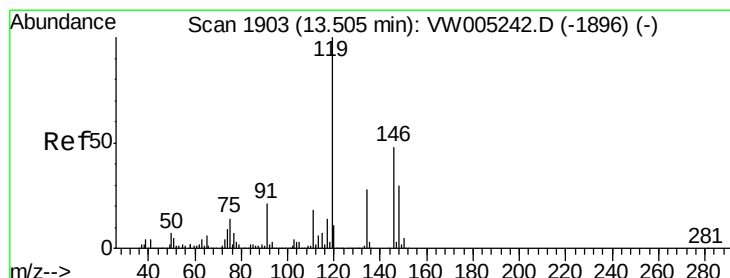
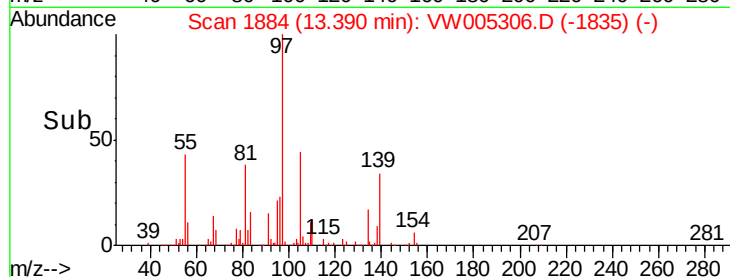
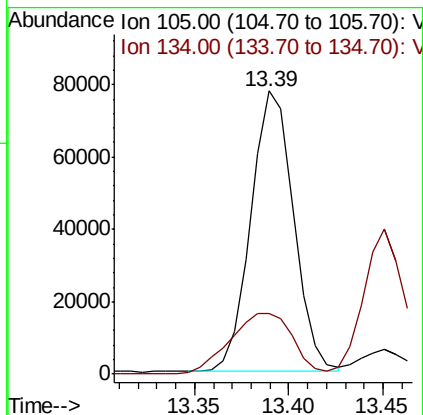
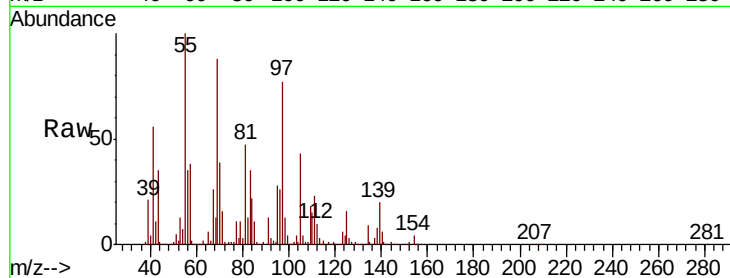
SG-SOIL

Tgt Ion:105 Resp: 122301

Ion Ratio Lower Upper

105 100

134 31.8 9.9 29.7#



#86

p-Isopropyltoluene

Concen: 26.891 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

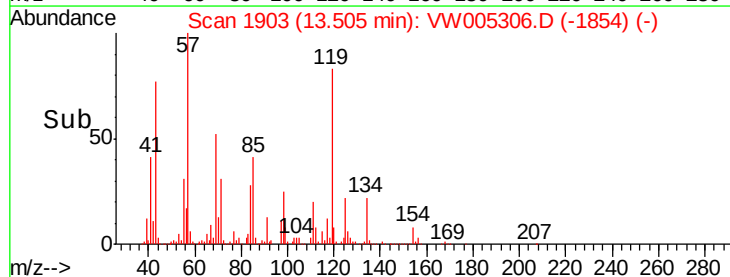
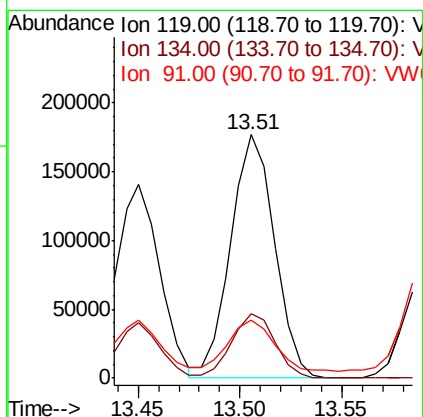
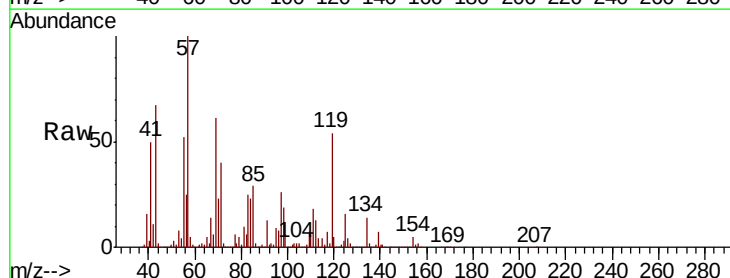
Tgt Ion:119 Resp: 264069

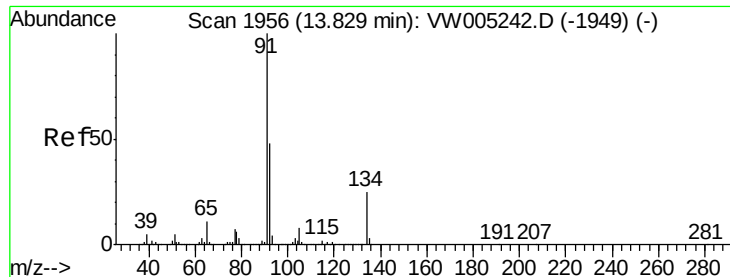
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 20.9 10.7 32.1





#89

n-Butylbenzene

Concen: 16.395 ug/l

RT: 13.80 min Scan# 1951

Delta R.T. -0.03 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampleId :

SG-SOIL

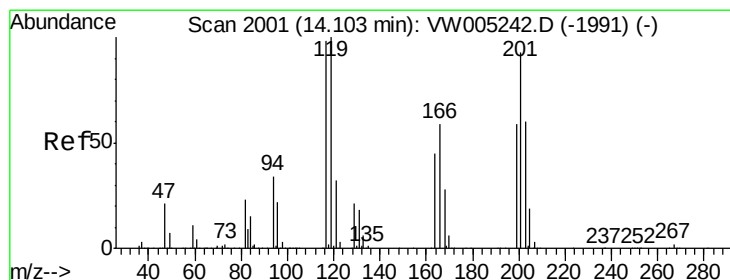
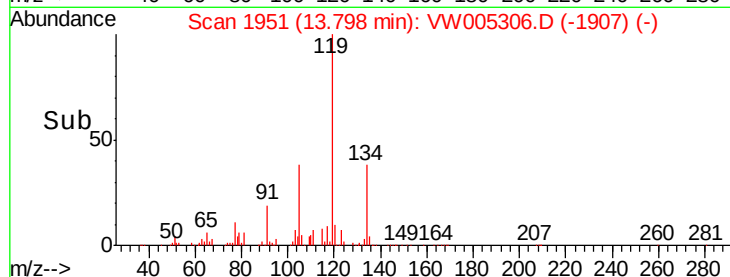
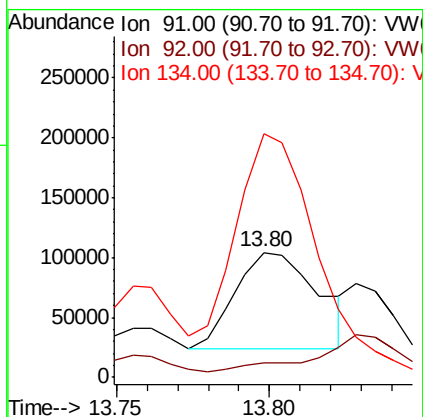
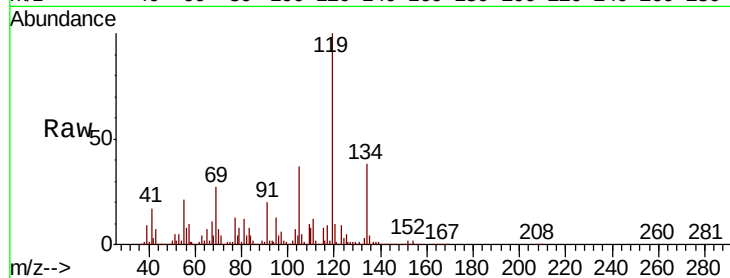
Tgt Ion: 91 Resp: 151353

Ion Ratio Lower Upper

91 100

92 0.0 25.8 77.3#

134 257.6 13.6 40.8#



#90

Hexachloroethane

Concen: 81.231 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005306.D

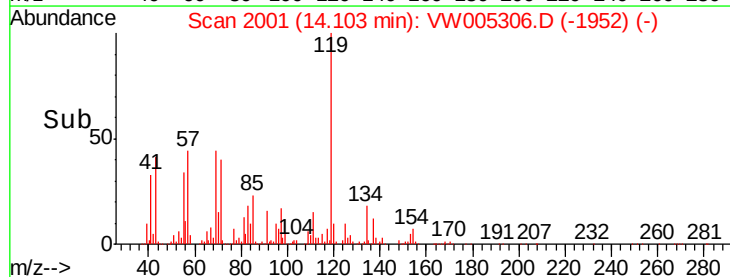
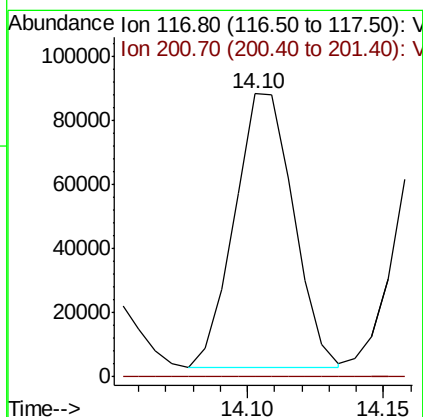
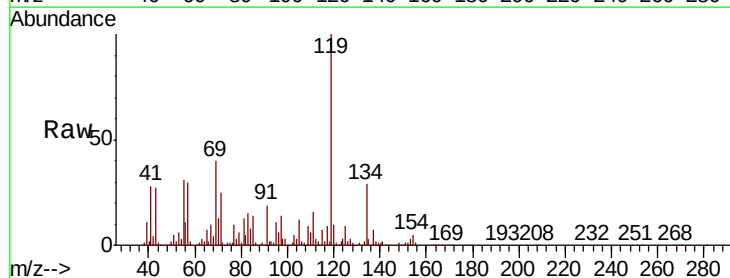
Acq: 12 Sep 2018 06:22

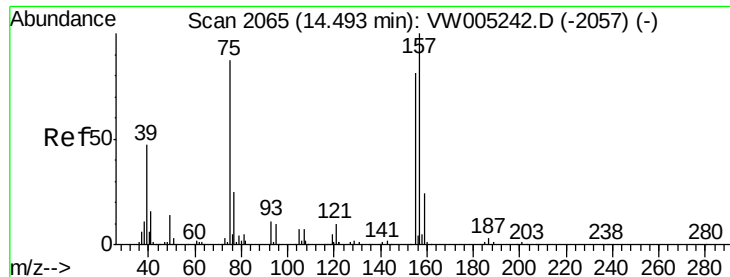
Tgt Ion: 117 Resp: 127802

Ion Ratio Lower Upper

117 100

201 0.1 44.0 132.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 17.589 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

Instrument :

MSVOA_W

ClientSampled :

SG-SOIL

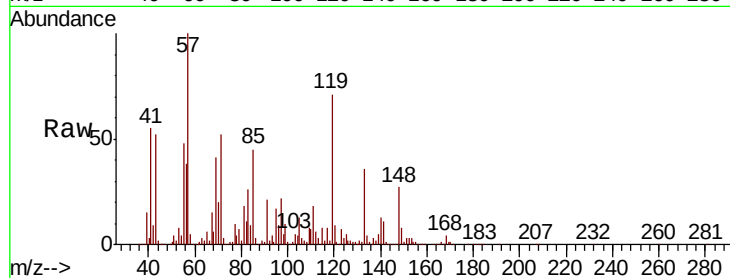
Tgt Ion: 75 Resp: 4556

Ion Ratio Lower Upper

75 100

155 139.5 47.4 142.2

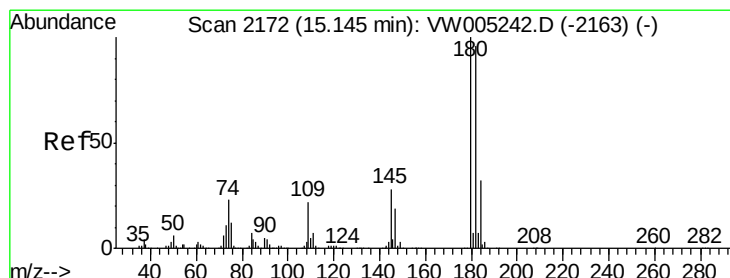
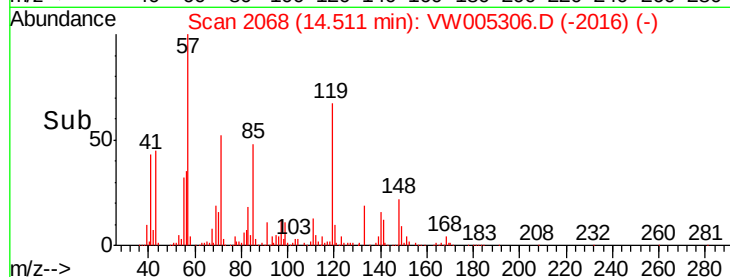
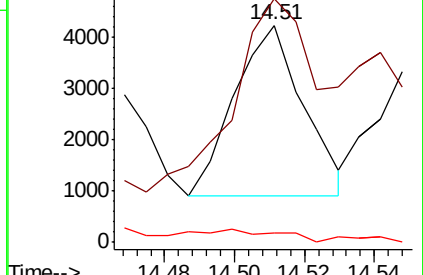
157 9.3 59.4 178.2#



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



#93

1,2,4-Trichlorobenzene

Concen: 8.691 ug/l

RT: 15.18 min Scan# 2178

Delta R.T. 0.04 min

Lab File: VW005306.D

Acq: 12 Sep 2018 06:22

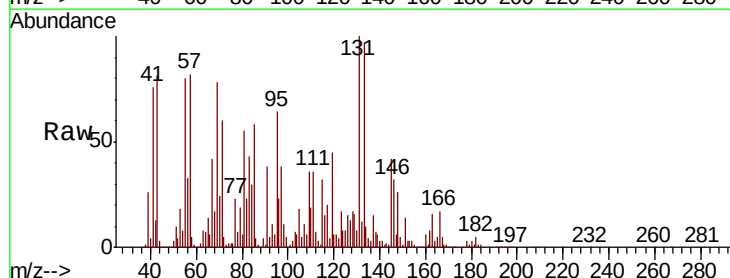
Tgt Ion: 180 Resp: 27705

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.4#

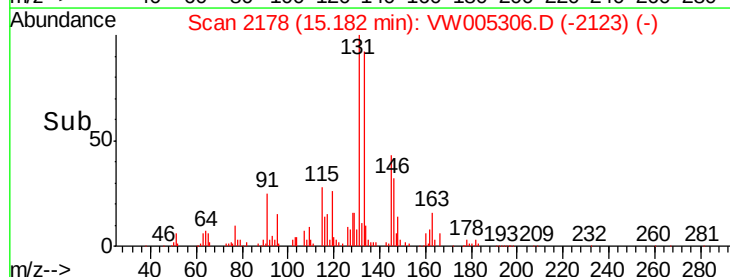
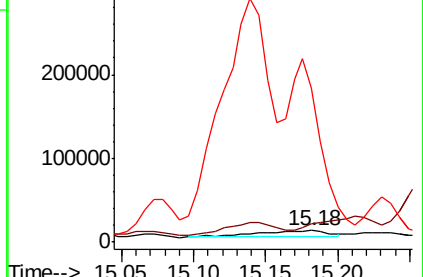
145 1097.5 14.5 43.6#

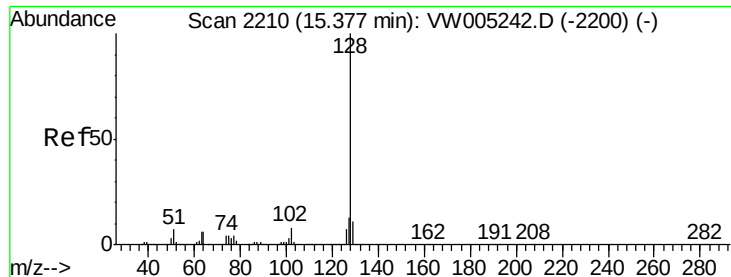


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

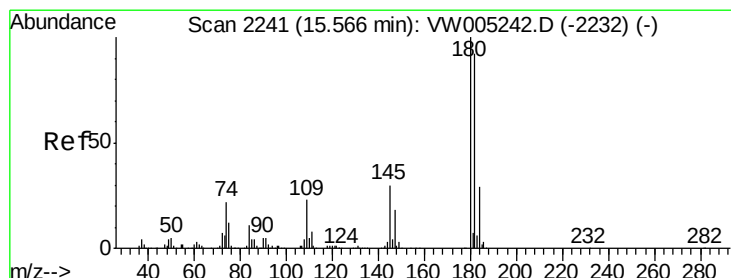
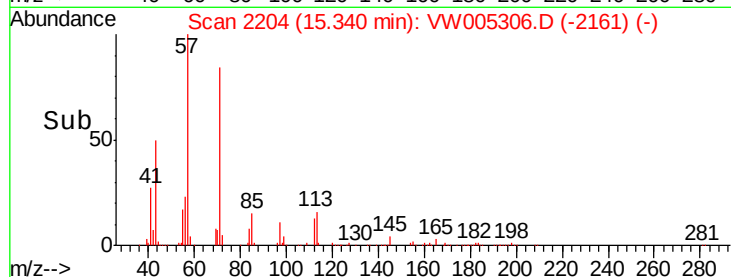
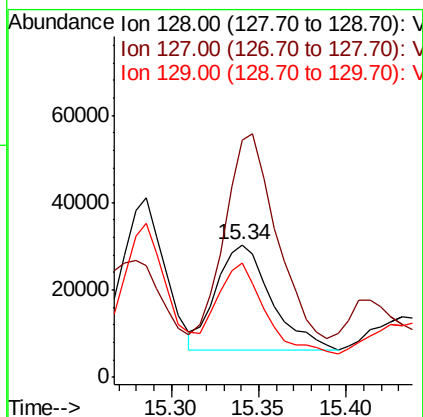
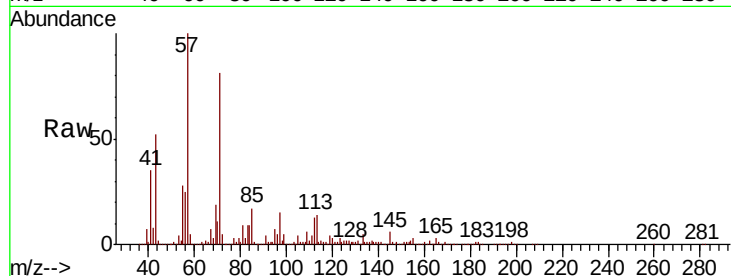




#95
Naphthalene
Concen: 10.378 ug/l
RT: 15.34 min Scan# 2204
Delta R.T. -0.04 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

Instrument :
MSVOA_W
ClientSampled :
SG-SOIL

Tgt Ion:128 Resp: 53639
Ion Ratio Lower Upper
128 100
127 175.4 10.3 15.5#
129 70.5 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 11.694 ug/l
RT: 15.59 min Scan# 2245
Delta R.T. 0.02 min
Lab File: VW005306.D
Acq: 12 Sep 2018 06:22

Tgt Ion:180 Resp: 32077
Ion Ratio Lower Upper
180 100
182 0.0 47.2 141.6#
145 0.0 15.2 45.6#

