

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006811.D
 Acq On : 12 Nov 2018 16:36
 Operator : SY/AP
 Sample : J5807-23
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: Nov 13 02:56:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	304028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	416948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	402756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	212099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120191	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	7.89	113	122315	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.33	98	507093	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.62	95	181083	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
16) Acetone	4.15	43	407579	1276.929	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	1043271	191.354	ug/l	99
20) Methylene Chloride	4.92	84	525213	195.918	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	501537	185.183	ug/l	99
22) Diisopropyl ether	6.32	45	1085423	173.033	ug/l	97
24) 1,1-Dichloroethane	6.22	63	181683	43.671	ug/l	100
25) 2-Butanone	7.18	43	255359	473.064	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	243374	84.289	ug/l	88
28) Bromochloromethane	7.51	49	221916	152.497	ug/l	99
30) Chloroform	7.68	83	578907	127.444	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	753259	171.794	ug/l	99
40) Benzene	8.33	78	1900463	175.162	ug/l	100
42) 1,2-Dichloroethane	8.40	62	519550	178.733	ug/l	99
44) Trichloroethene	9.10	130	244821	71.513	ug/l	97
45) 1,2-Dichloropropane	9.37	63	202680	80.152	ug/l	98
46) Dibromomethane	9.46	93	137904	97.973	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	587021	471.795	ug/l	100
52) Toluene	10.39	92	1308880	170.167	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	168014	48.883	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	491403	120.571	ug/l	99
59) 2-Hexanone	10.97	43	150952	175.889	ug/l	100
60) Dibromochloromethane	11.13	129	157038	61.443	ug/l	100
61) 1,2-Dibromoethane	11.24	107	283022	142.673	ug/l	99
64) Tetrachloroethene	10.87	164	231021	71.578	ug/l	98
65) Chlorobenzene	11.66	112	1312982	146.947	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	177340	61.166	ug/l	100
68) m/p-Xylenes	11.84	106	916230	147.011	ug/l	100
69) o-Xylene	12.17	106	878486	151.453	ug/l	98
71) Bromoform	12.35	173	239340	151.261	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	62715	30.793	ug/l	99
78) n-propylbenzene	12.81	91	1214793	69.912	ug/l	100
86) p-Isopropyltoluene	13.51	119	1247207	86.492	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	395988	52.345	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	793753	120.484	ug/l	99

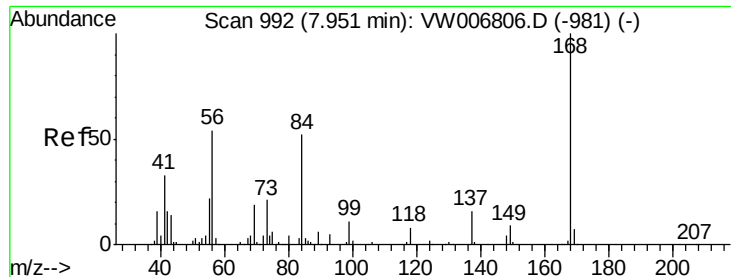
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006811.D
Acq On : 12 Nov 2018 16:36
Operator : SY/AP
Sample : J5807-23
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOIL

Quant Time: Nov 13 02:56:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.49	75	31304	96.006	ug/l	98
95) Naphthalene	15.38	128	781645	105.074	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Instrument :

MSVOA_W

ClientSampled :

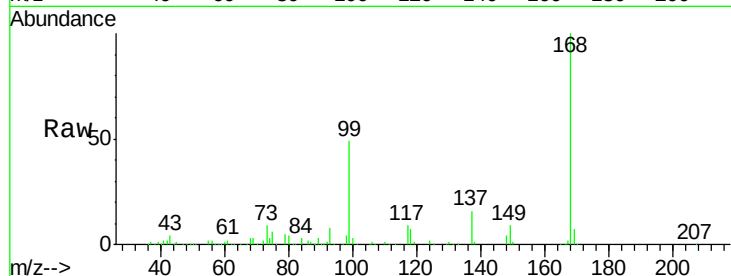
PT-VOA-SOIL

Tgt Ion:168 Resp: 304028

Ion Ratio Lower Upper

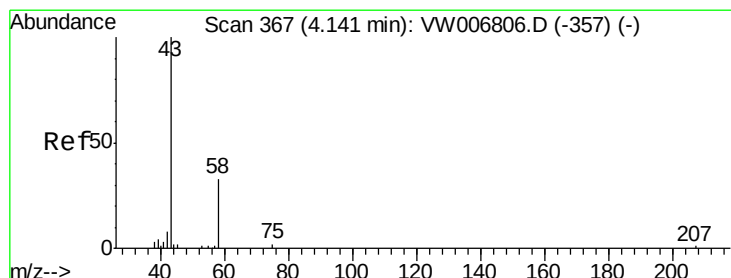
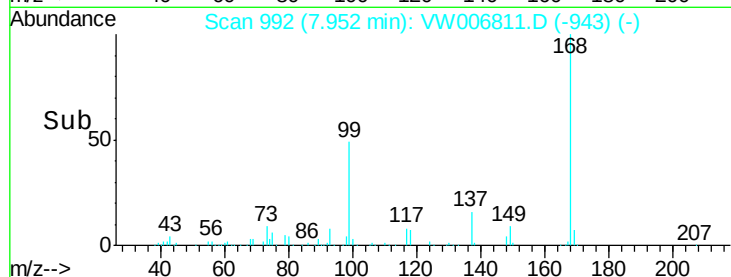
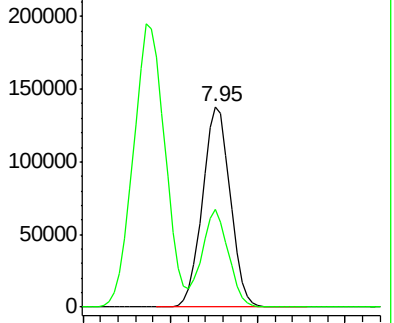
168 100

99 48.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 1276.929 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006811.D

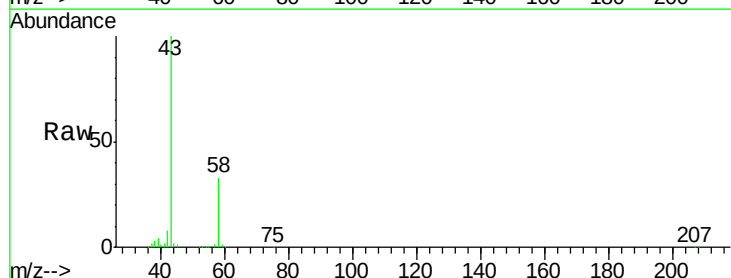
Acq: 12 Nov 2018 16:36

Tgt Ion: 43 Resp: 407579

Ion Ratio Lower Upper

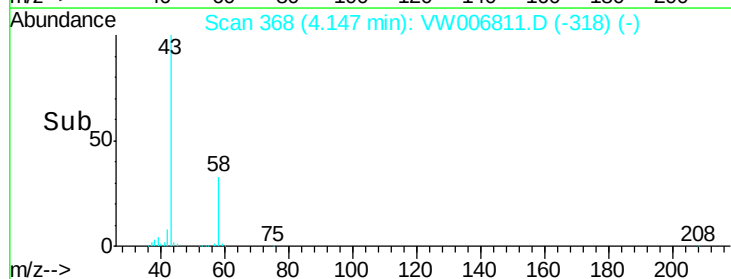
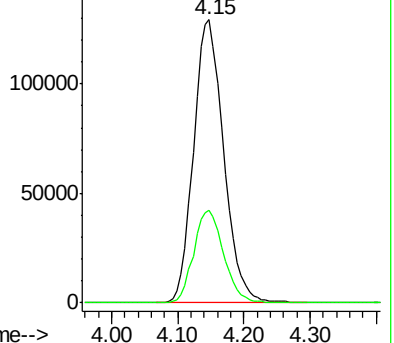
43 100

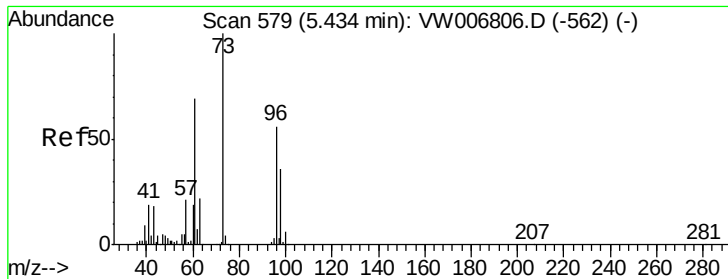
58 32.8 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

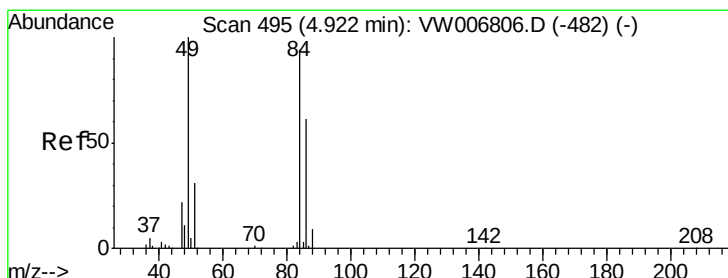
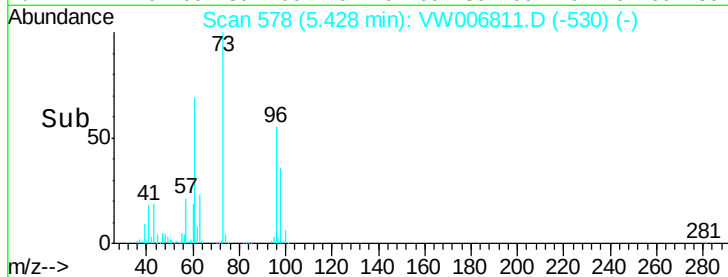
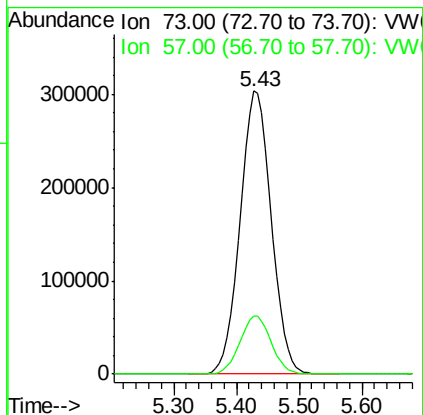
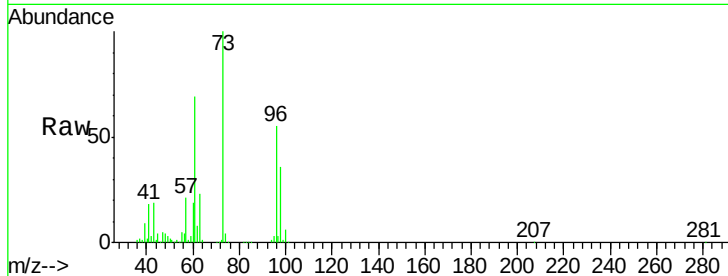




#19
Methyl tert-butyl Ether
Concen: 191.354 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006811.D
Acq: 12 Nov 2018 16:36

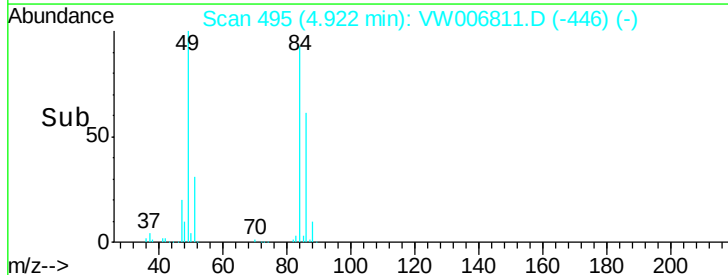
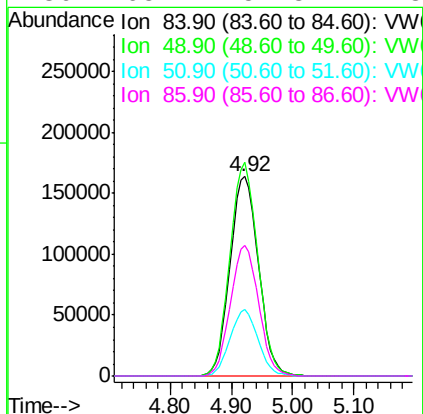
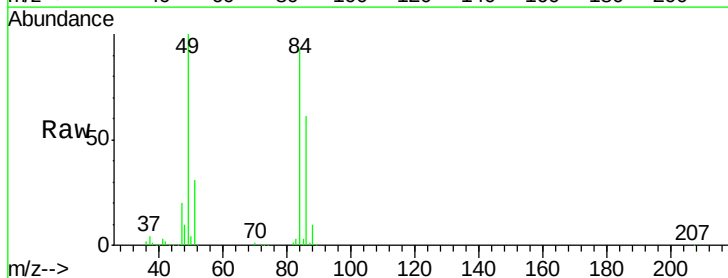
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOIL

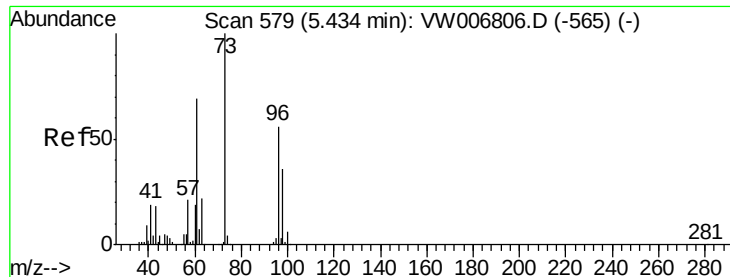
Tgt Ion: 73 Resp: 1043271
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2



#20
Methylene Chloride
Concen: 195.918 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006811.D
Acq: 12 Nov 2018 16:36

Tgt Ion: 84 Resp: 525213
Ion Ratio Lower Upper
84 100
49 107.0 84.8 127.2
51 33.2 26.2 39.4
86 65.2 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 185.183 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Instrument :

MSVOA_W

ClientSampled :

PT-VOA-SOIL

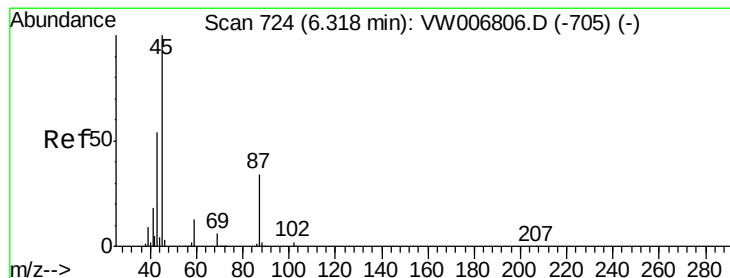
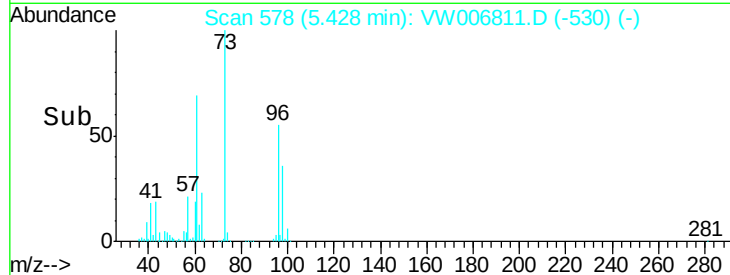
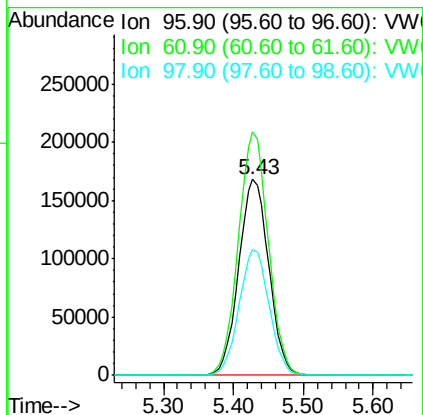
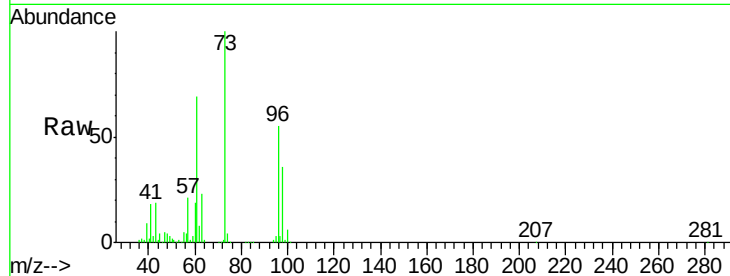
Tgt Ion: 96 Resp: 501537

Ion Ratio Lower Upper

96 100

61 124.3 98.7 148.1

98 64.3 51.2 76.8



#22

Diisopropyl ether

Concen: 173.033 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Tgt Ion: 45 Resp: 1085423

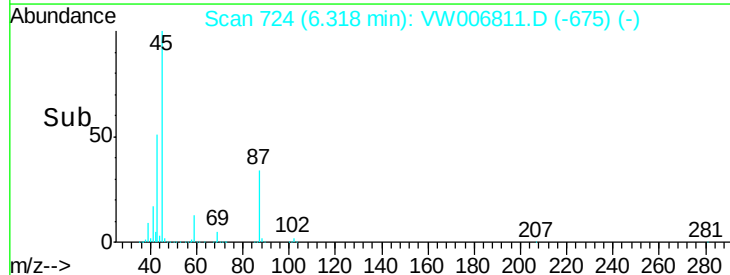
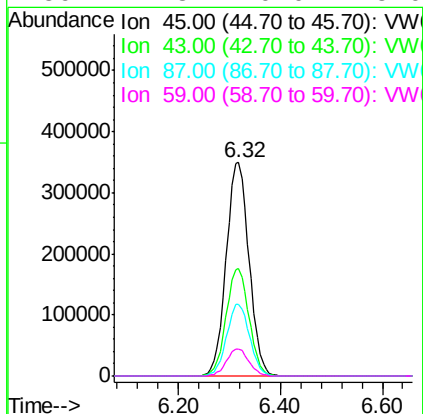
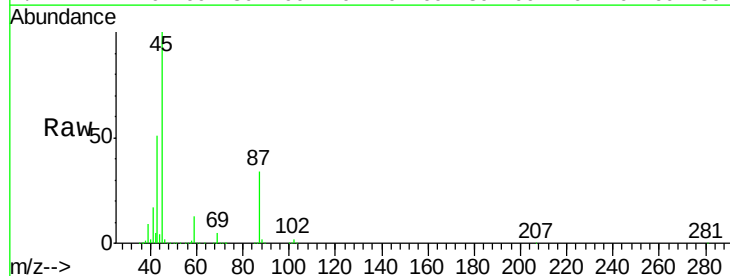
Ion Ratio Lower Upper

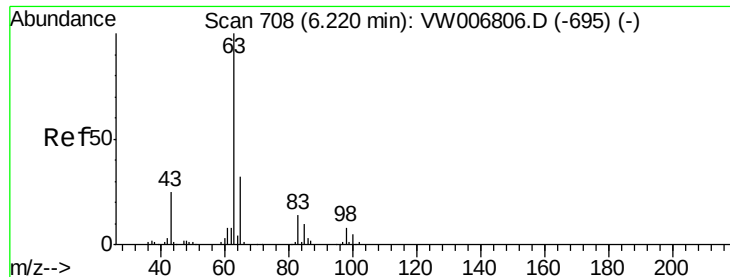
45 100

43 50.6 43.7 65.5

87 33.5 27.2 40.8

59 12.8 10.0 15.0





#24

1,1-Dichloroethane

Concen: 43.671 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOIL

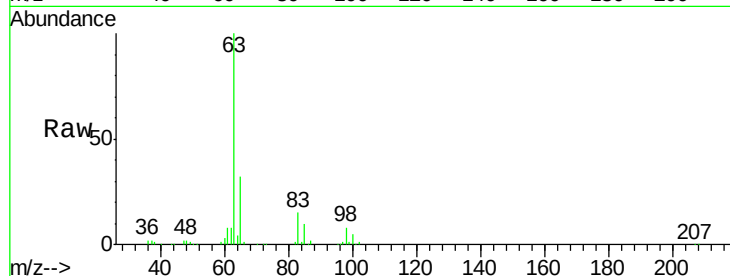
Tgt Ion: 63 Resp: 181683

Ion Ratio Lower Upper

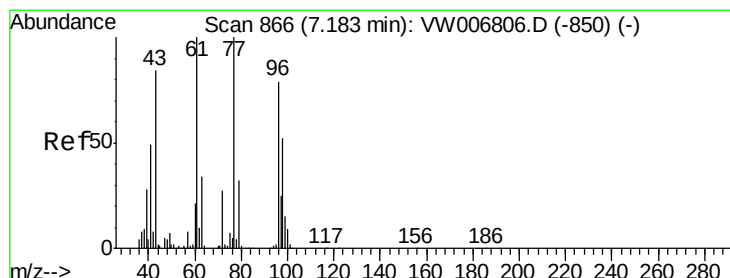
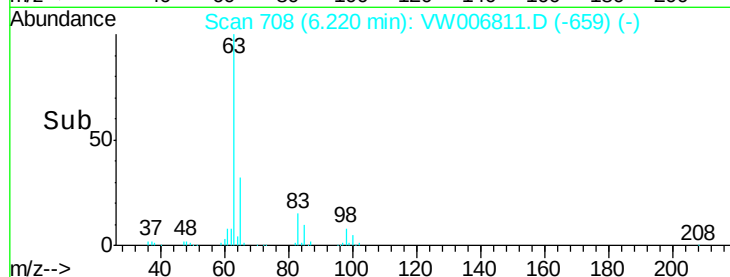
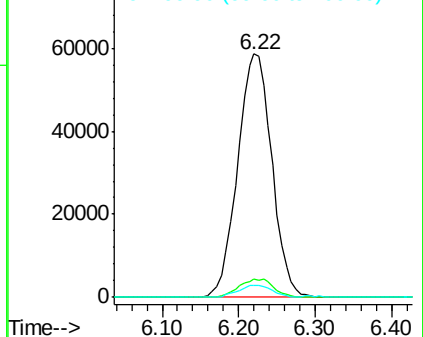
63 100

98 7.8 3.9 11.5

100 4.7 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



#25

2-Butanone

Concen: 473.064 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006811.D

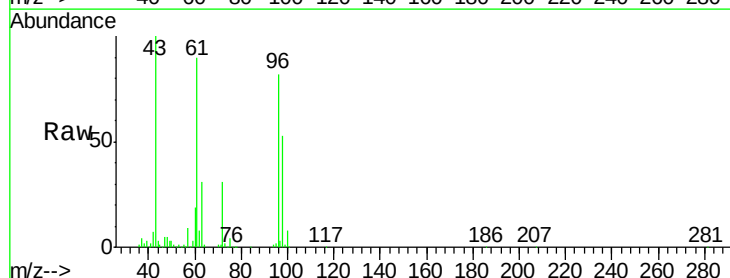
Acq: 12 Nov 2018 16:36

Tgt Ion: 43 Resp: 255359

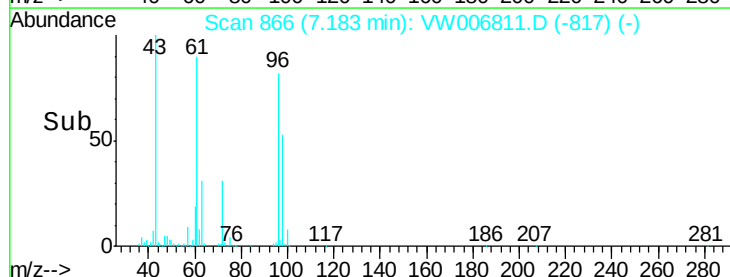
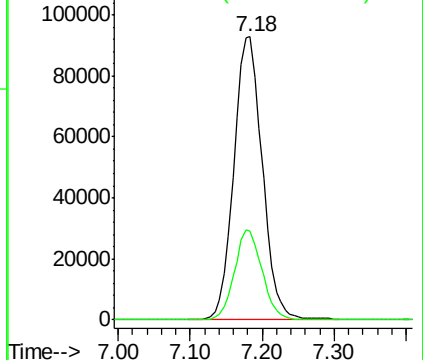
Ion Ratio Lower Upper

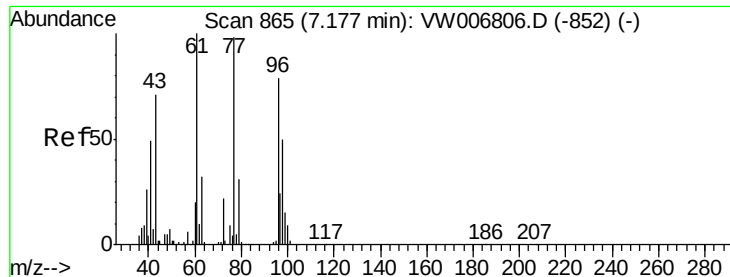
43 100

72 31.3 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#27

cis-1,2-Dichloroethene

Concen: 84.289 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Instrument :

MSVOA_W

ClientSampled :

PT-VOA-SOIL

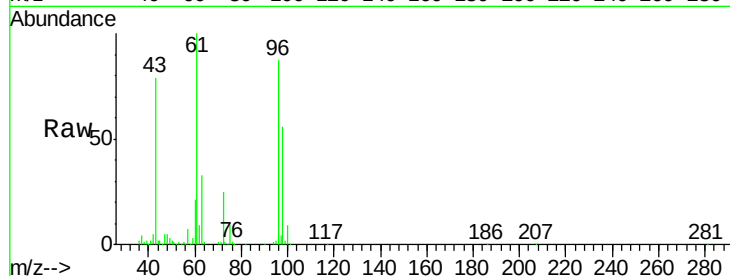
Tgt Ion: 96 Resp: 243374

Ion Ratio Lower Upper

96 100

61 112.9 0.0 264.0

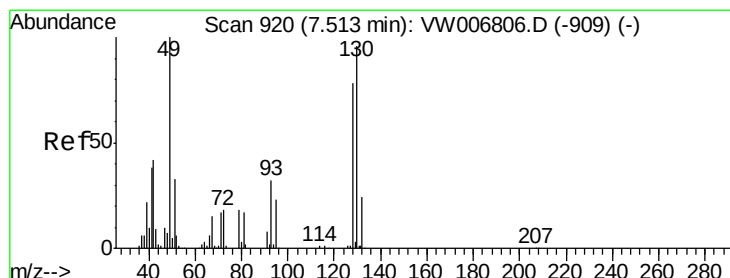
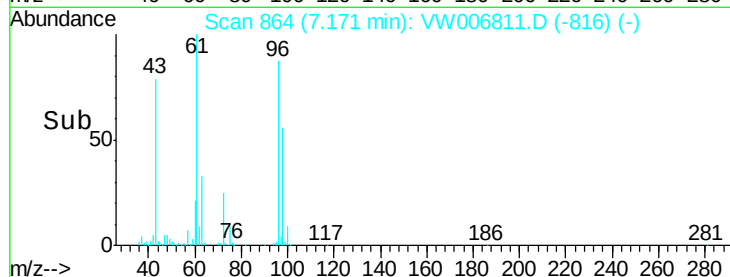
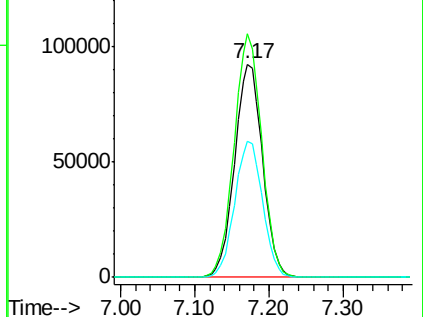
98 63.8 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 152.497 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

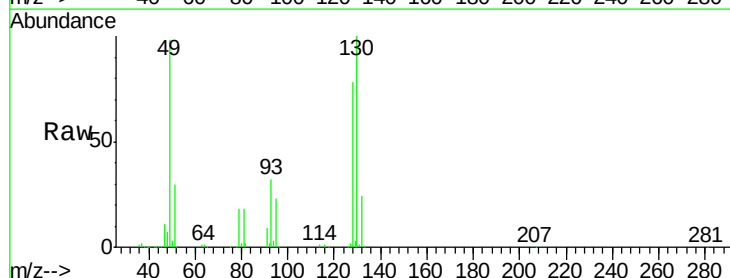
Tgt Ion: 49 Resp: 221916

Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.6

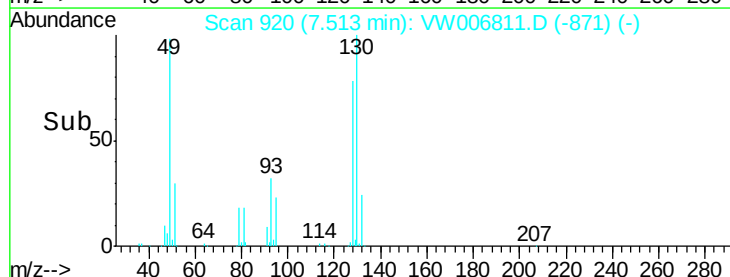
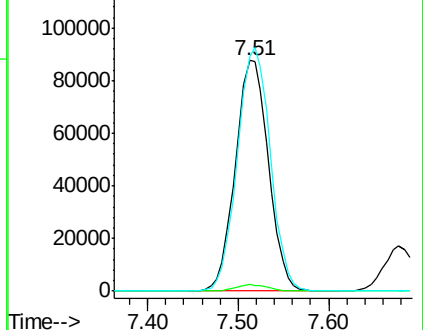
130 105.3 83.3 124.9

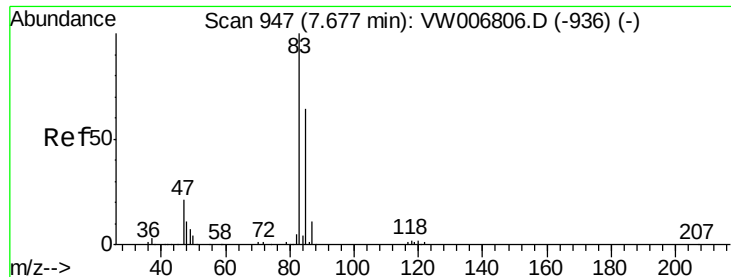


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

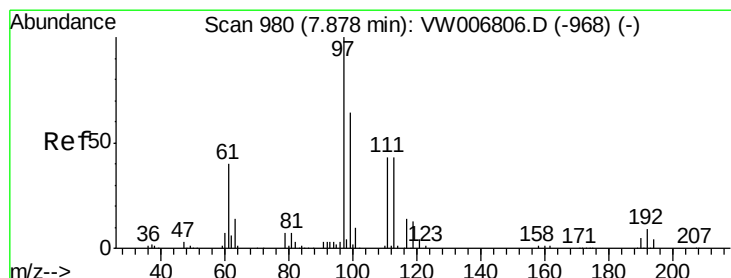
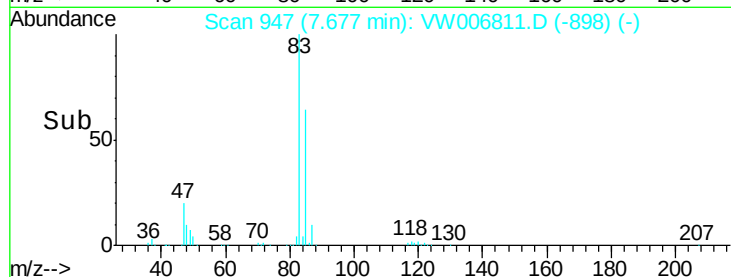
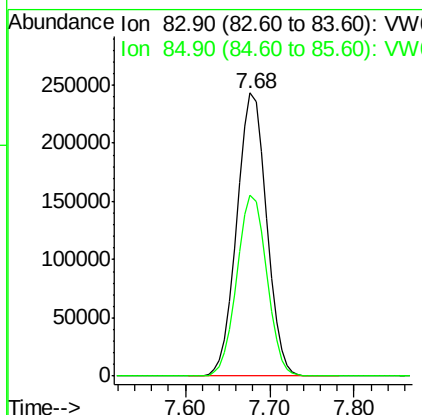
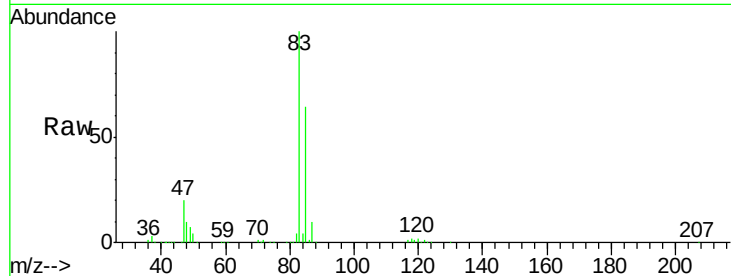




#30
Chloroform
Concen: 127.444 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006811.D
Acq: 12 Nov 2018 16:36

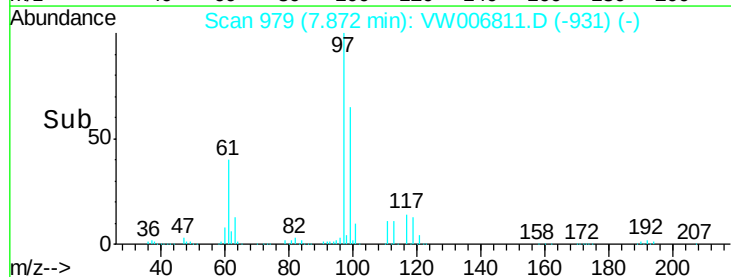
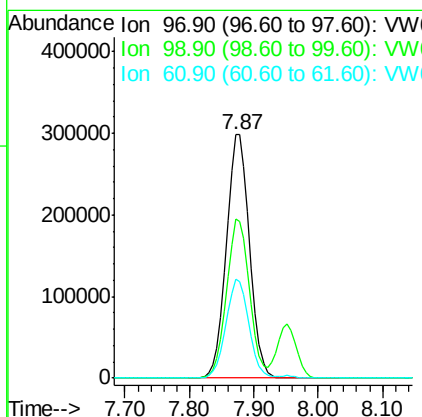
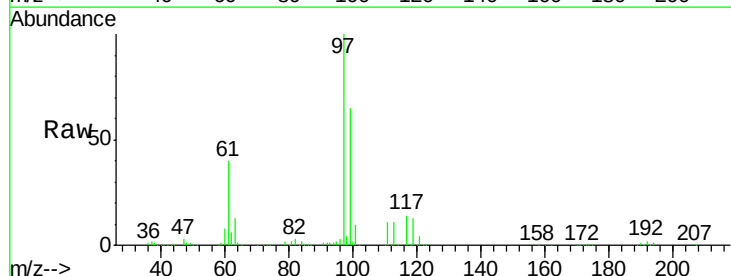
Instrument :
MSVOA_W
ClientSampled :
PT-VOA-SOIL

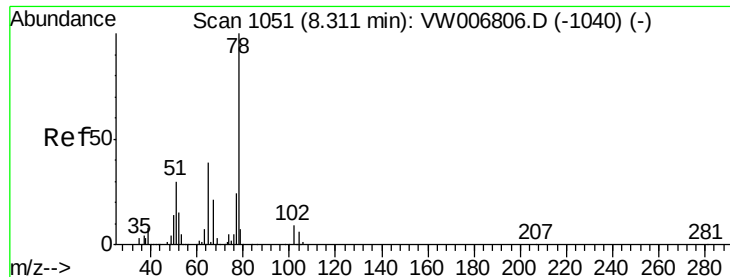
Tgt Ion: 83 Resp: 578907
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3



#32
1,1,1-Trichloroethane
Concen: 171.794 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006811.D
Acq: 12 Nov 2018 16:36

Tgt Ion: 97 Resp: 753259
Ion Ratio Lower Upper
97 100
99 65.4 51.6 77.4
61 40.3 32.2 48.4

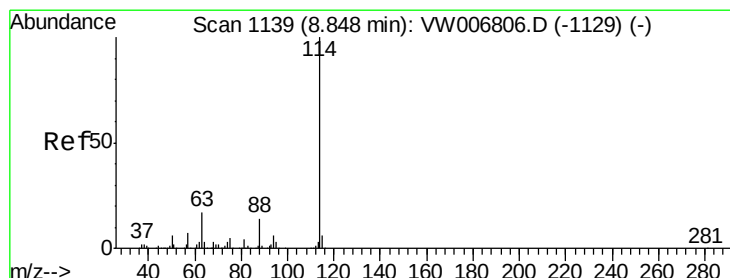
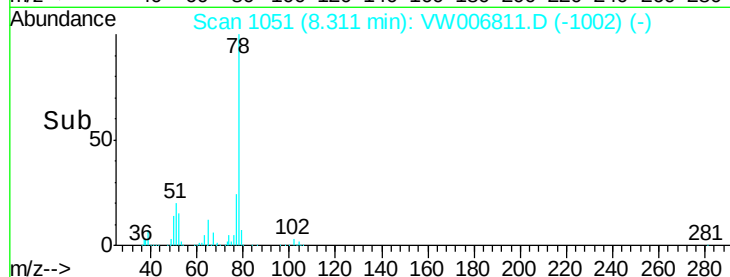
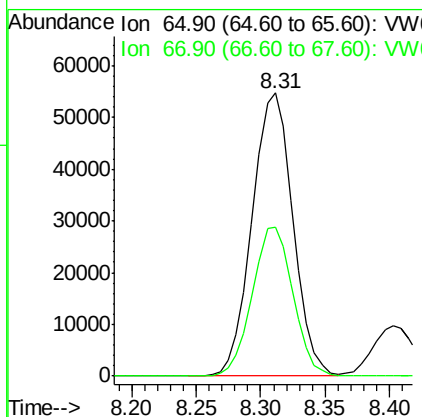
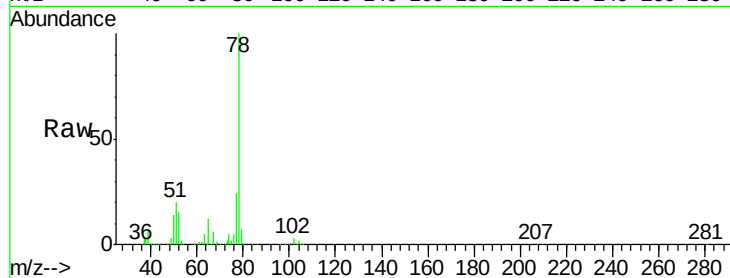




#33
 1,2-Dichloroethane-d4
 Concen: 54.079 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

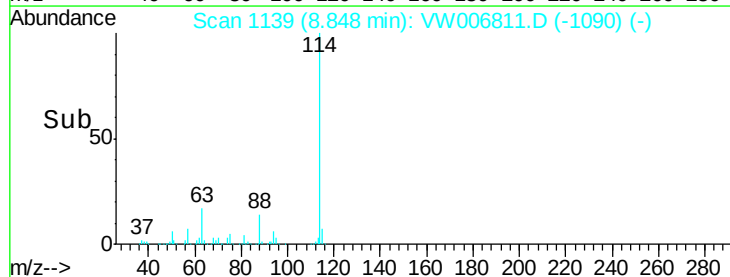
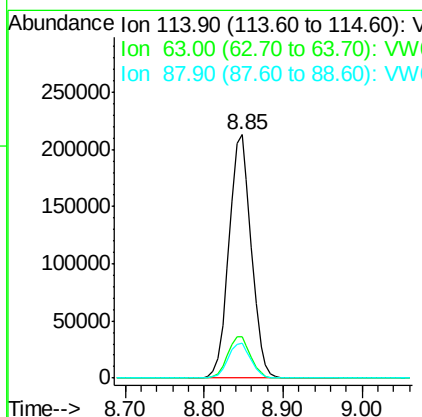
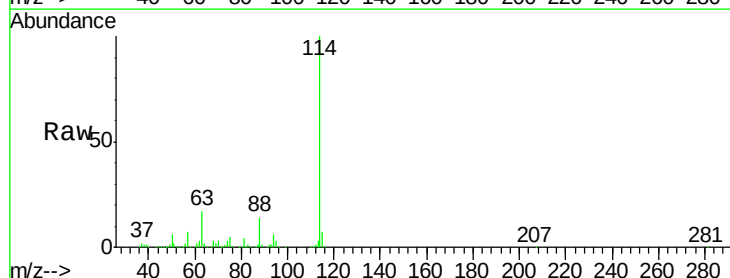
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOIL

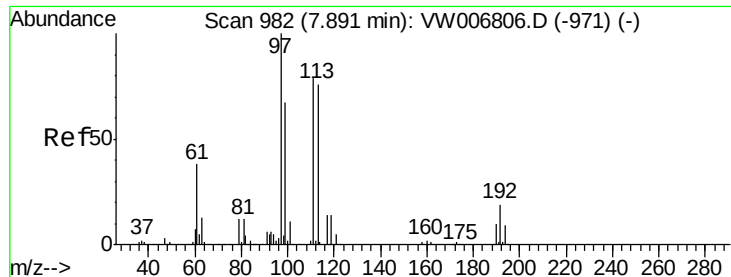
Tgt Ion: 65 Resp: 120191
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

Tgt Ion: 114 Resp: 416948
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.6
 88 14.3 0.0 28.4

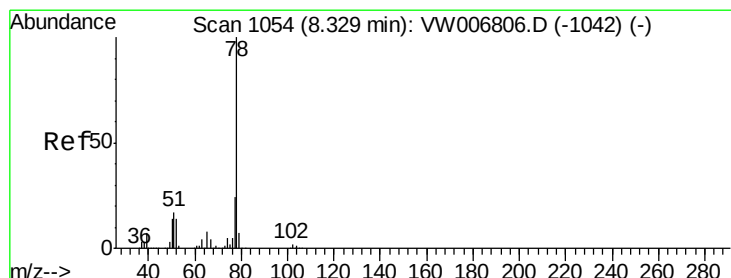
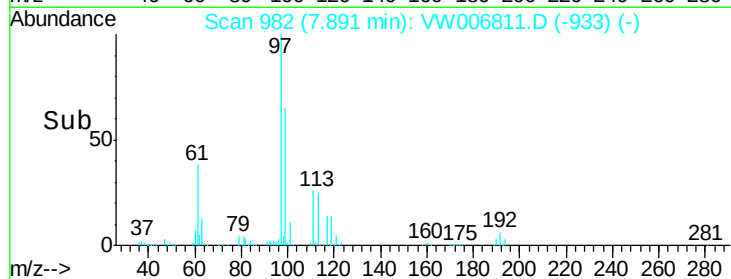
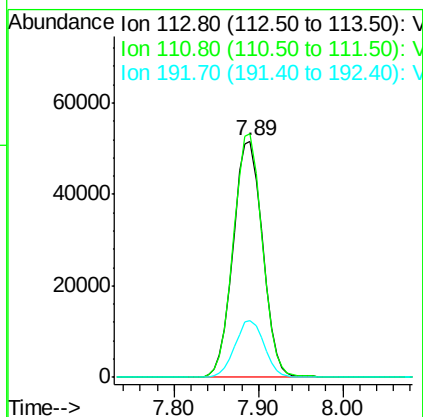
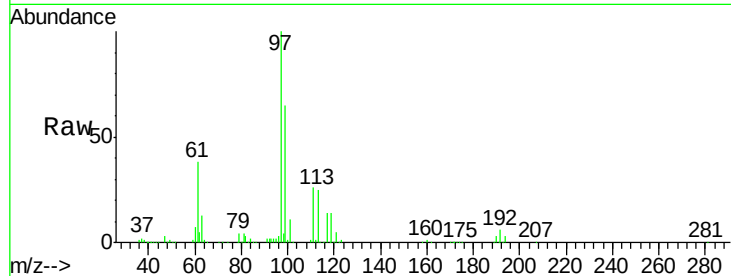




#35
 Dibromofluoromethane
 Concen: 49.265 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

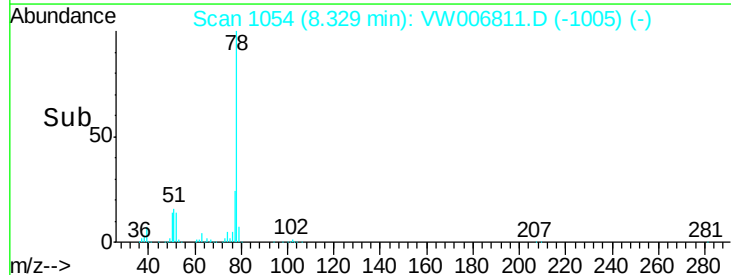
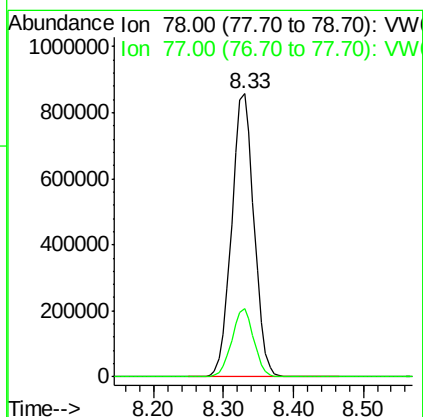
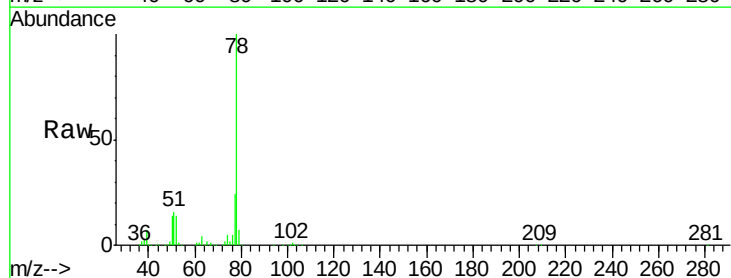
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOIL

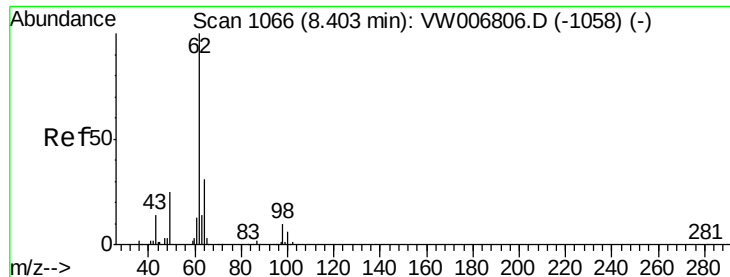
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.0	121.6
192	23.9	19.0	28.6



#40
 Benzene
 Concen: 175.162 ug/l
 RT: 8.33 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





#42

1,2-Dichloroethane

Concen: 178.733 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Instrument :

MSVOA_W

ClientSampled :

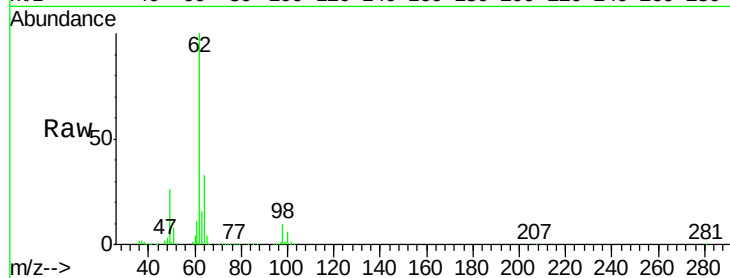
PT-VOA-SOIL

Tgt Ion: 62 Resp: 519550

Ion Ratio Lower Upper

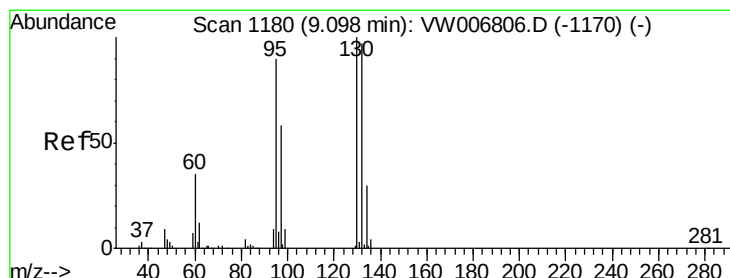
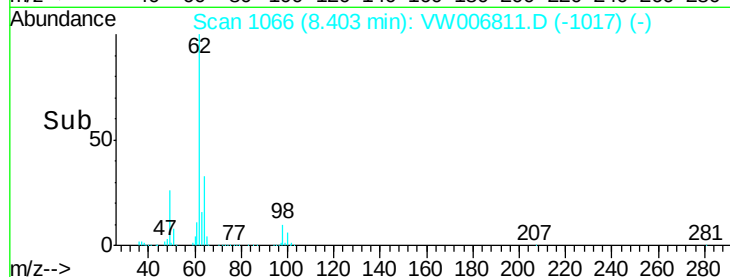
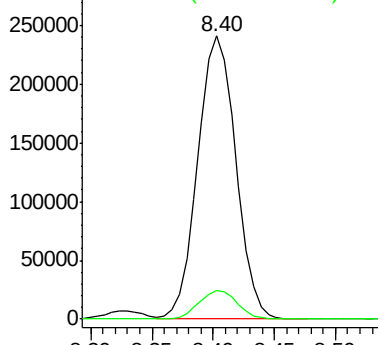
62 100

98 10.2 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#44

Trichloroethene

Concen: 71.513 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006811.D

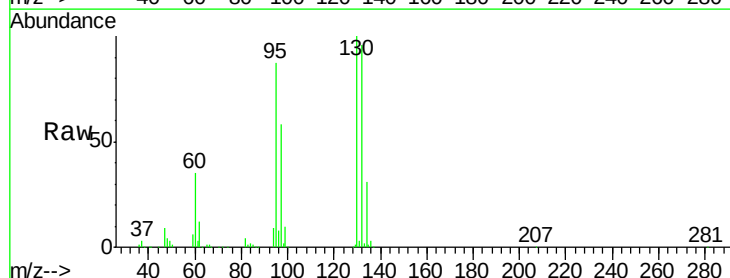
Acq: 12 Nov 2018 16:36

Tgt Ion: 130 Resp: 244821

Ion Ratio Lower Upper

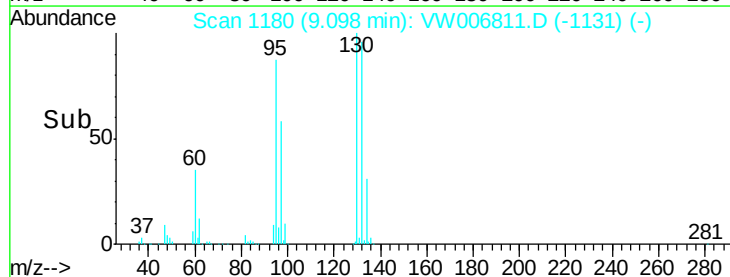
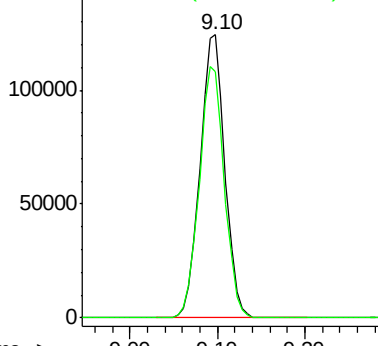
130 100

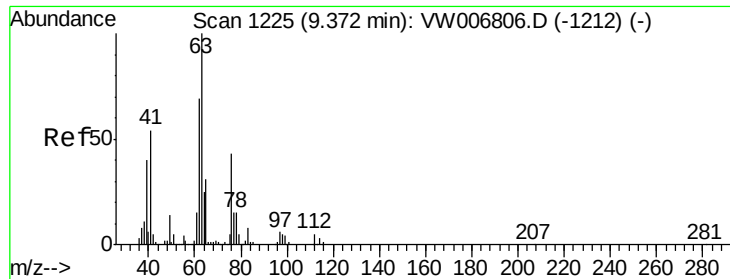
95 87.1 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

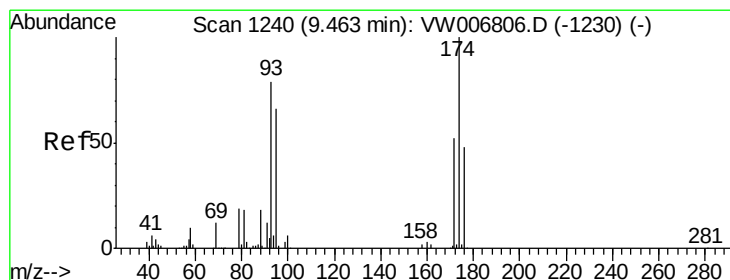
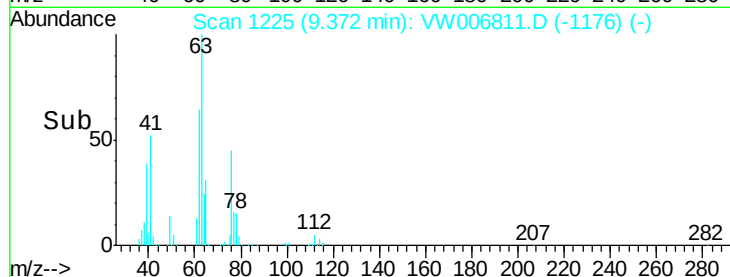
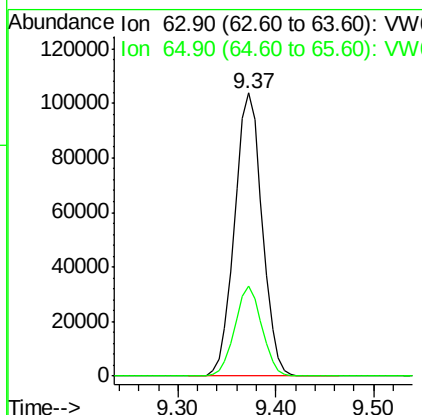
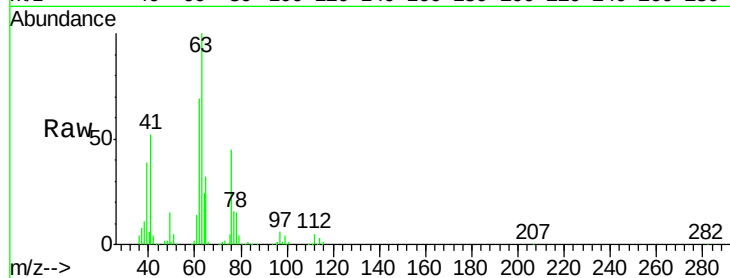




#45
 1,2-Dichloropropane
 Concen: 80.152 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

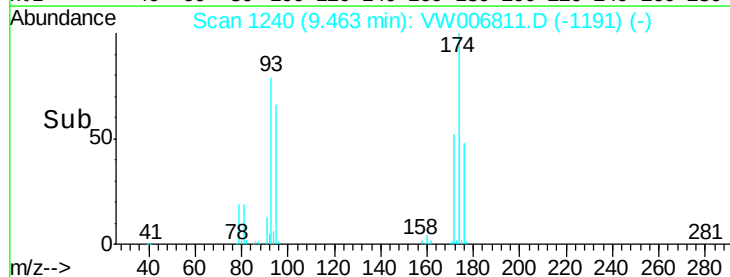
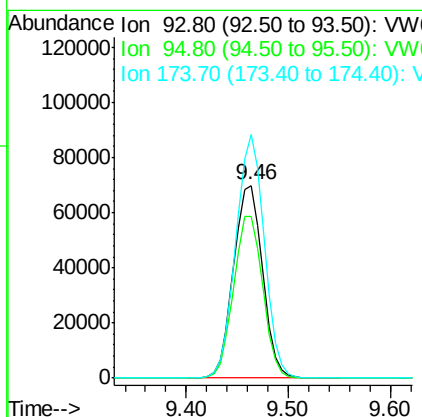
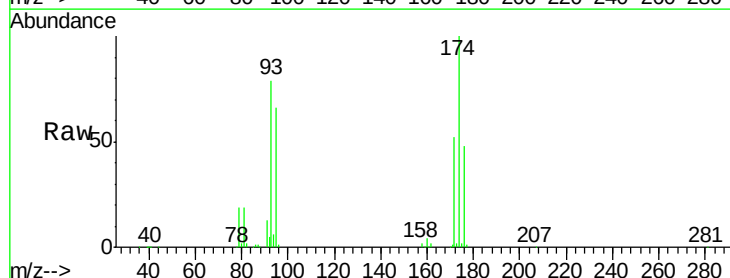
Instrument :
 MSVOA_W
 ClientSampled :
 PT-VOA-SOIL

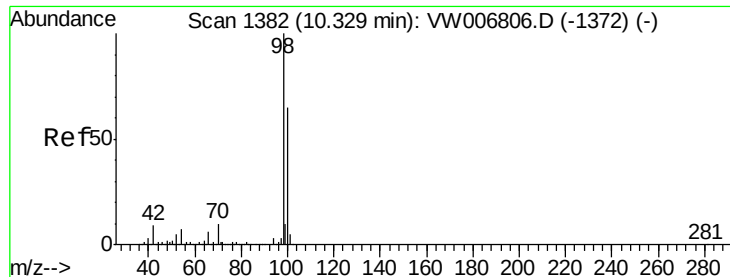
Tgt Ion: 63 Resp: 202680
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6



#46
 Dibromomethane
 Concen: 97.973 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

Tgt Ion: 93 Resp: 137904
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.0 100.6
 174 123.6 98.6 147.8





#50

Toluene-d8

Concen: 49.276 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

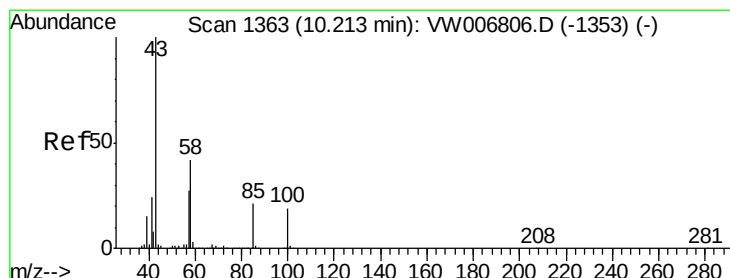
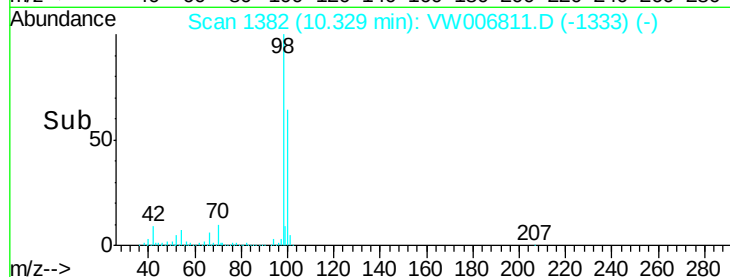
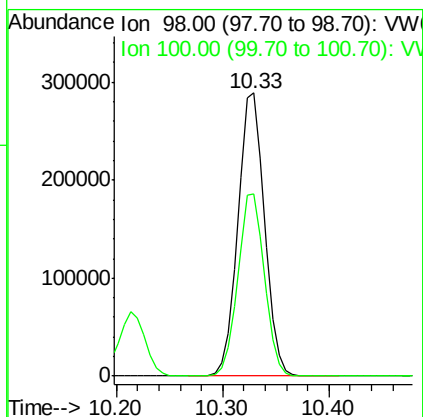
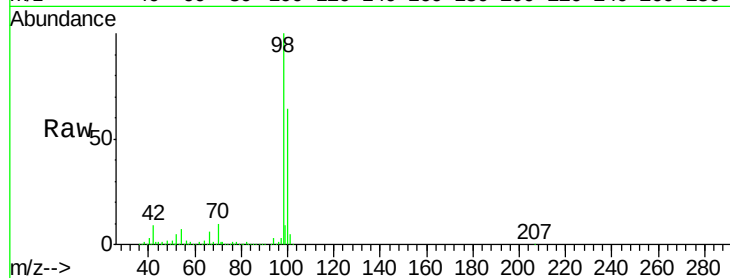
PT-VOA-SOIL

Tgt Ion: 98 Resp: 507093

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2



#51

4-Methyl-2-Pentanone

Concen: 471.795 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006811.D

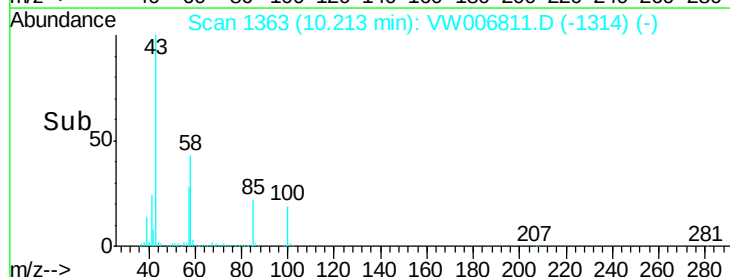
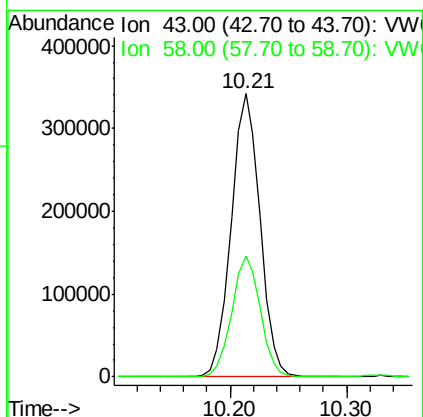
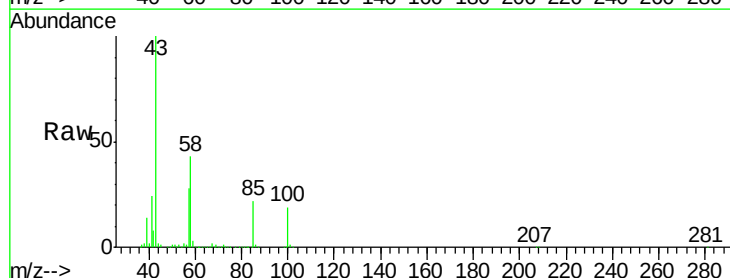
Acq: 12 Nov 2018 16:36

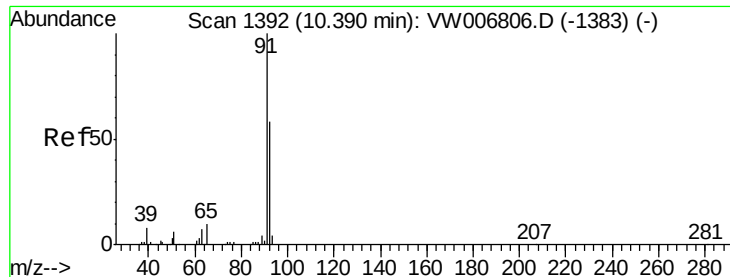
Tgt Ion: 43 Resp: 587021

Ion Ratio Lower Upper

43 100

58 42.6 34.0 51.0





#52

Toluene

Concen: 170.167 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Instrument :

MSVOA_W

ClientSampled :

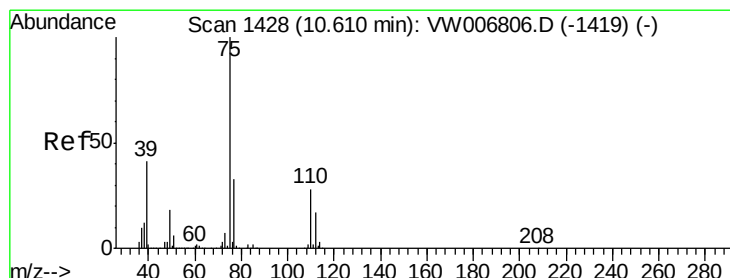
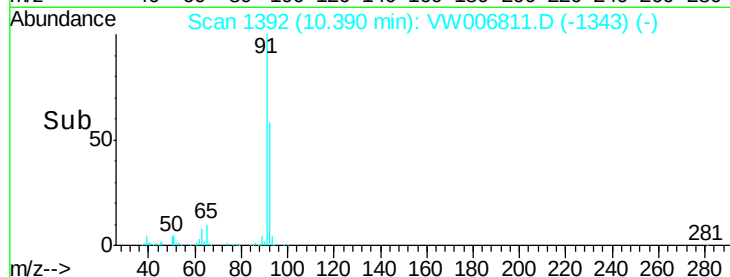
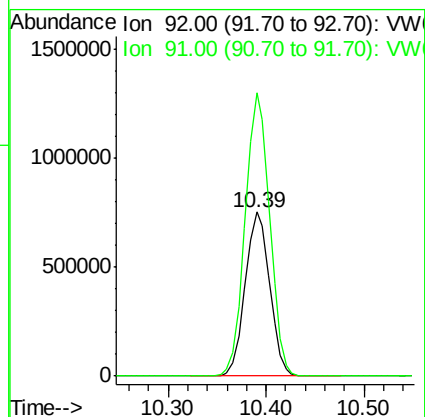
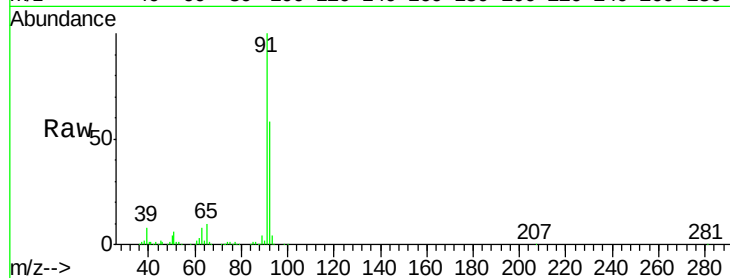
PT-VOA-SOIL

Tgt Ion: 92 Resp: 1308880

Ion Ratio Lower Upper

92 100

91 172.3 139.4 209.2



#53

t-1,3-Dichloropropene

Concen: 48.883 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006811.D

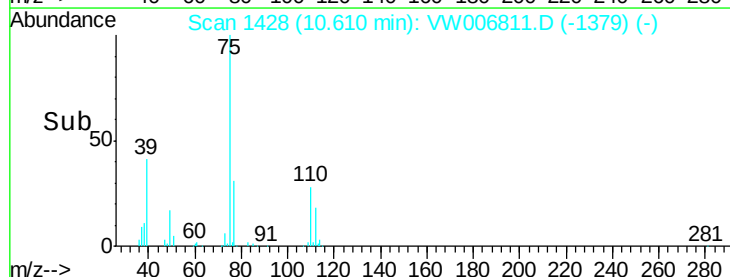
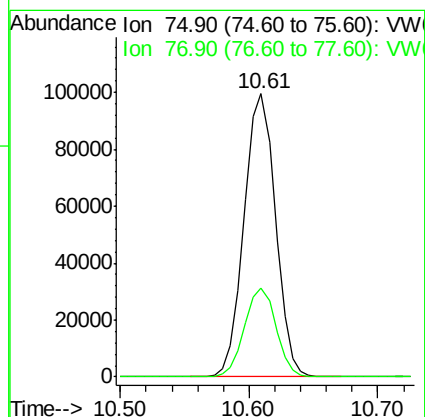
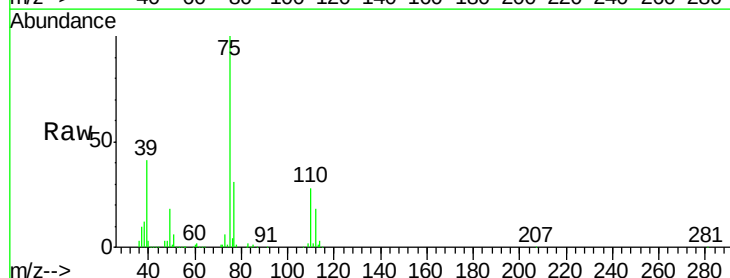
Acq: 12 Nov 2018 16:36

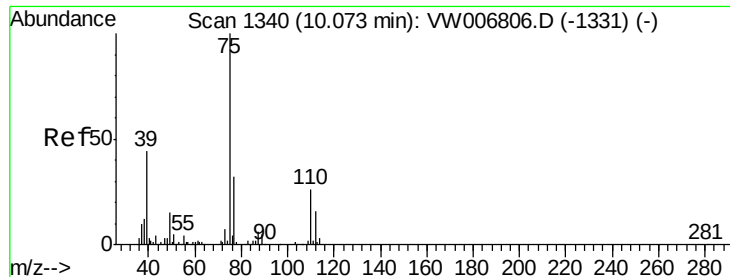
Tgt Ion: 75 Resp: 168014

Ion Ratio Lower Upper

75 100

77 31.2 26.3 39.5





#54

cis-1,3-Dichloropropene

Concen: 120.571 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOIL

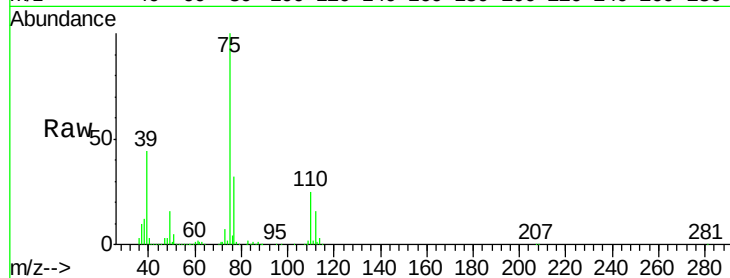
Tgt Ion: 75 Resp: 491403

Ion Ratio Lower Upper

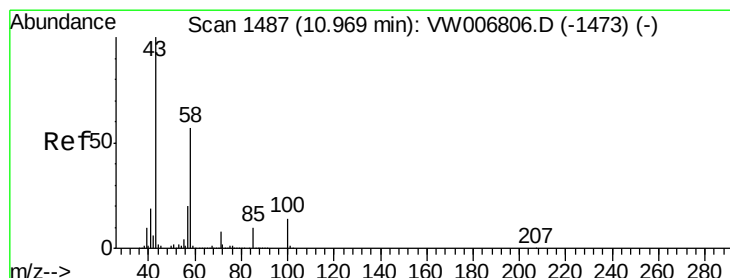
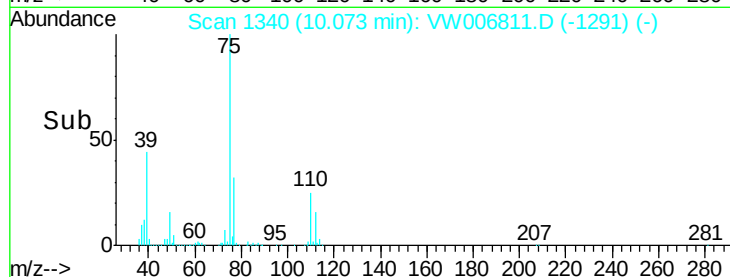
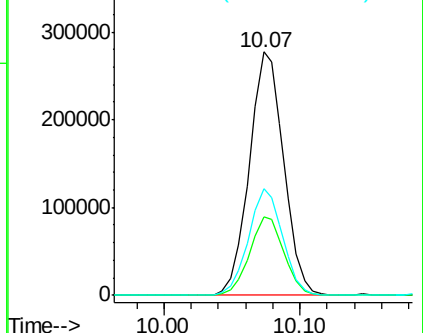
75 100

77 32.1 25.2 37.8

39 43.8 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 76.90 (76.60 to 77.60): VW
Ion 39.00 (38.70 to 39.70): VW



#59

2-Hexanone

Concen: 175.889 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW006811.D

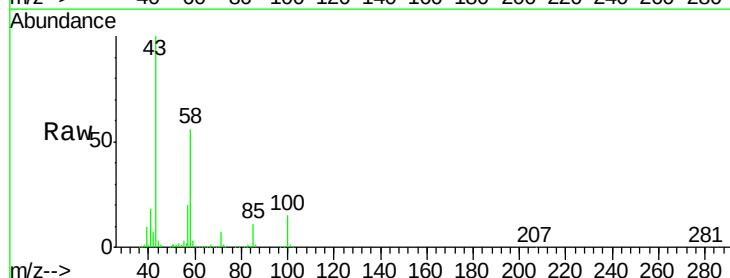
Acq: 12 Nov 2018 16:36

Tgt Ion: 43 Resp: 150952

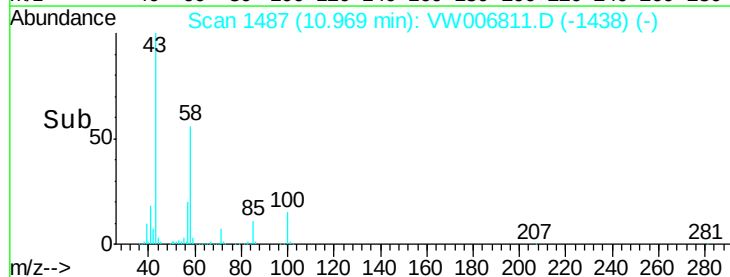
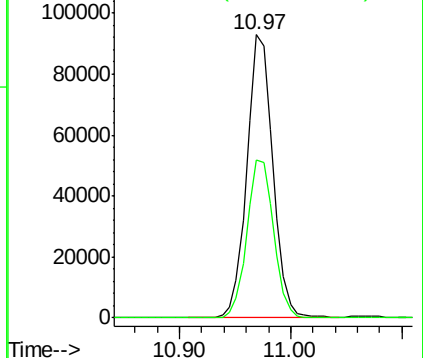
Ion Ratio Lower Upper

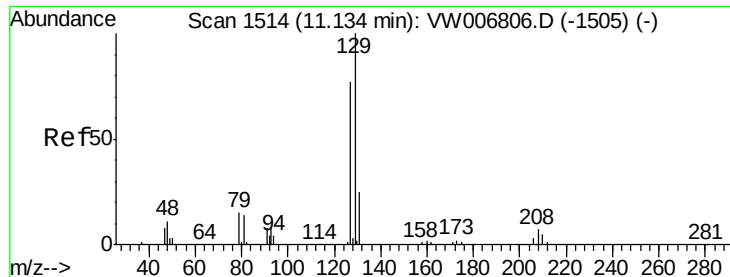
43 100

58 57.6 28.7 86.1



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





#60

Dibromochloromethane

Concen: 61.443 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

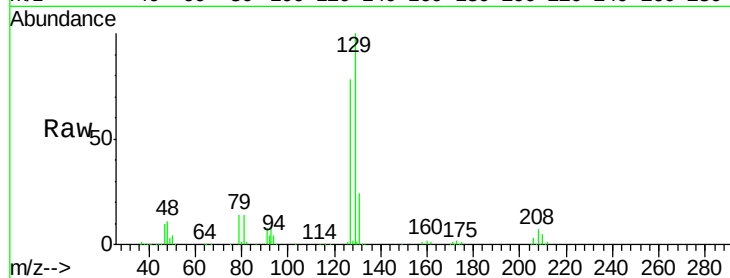
PT-VOA-SOIL

Tgt Ion:129 Resp: 157038

Ion Ratio Lower Upper

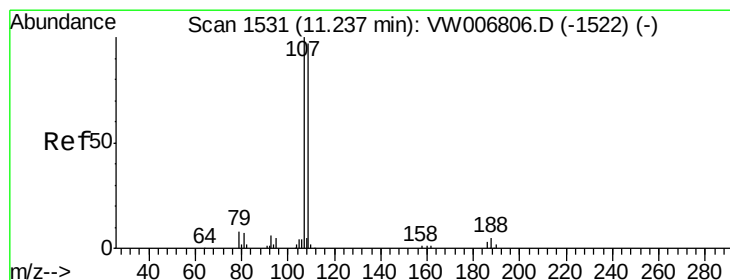
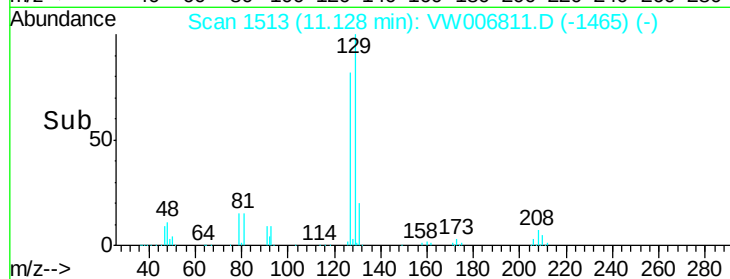
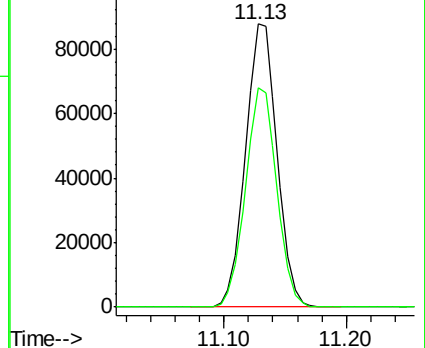
129 100

127 77.0 38.7 116.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 142.673 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006811.D

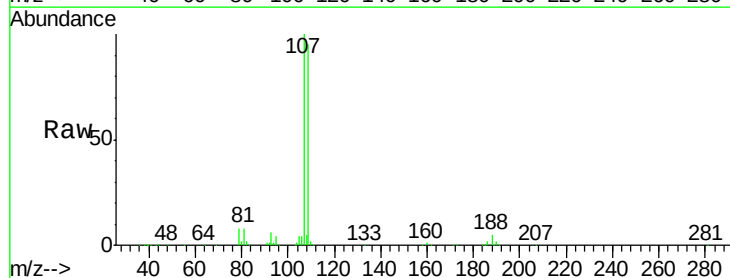
Acq: 12 Nov 2018 16:36

Tgt Ion:107 Resp: 283022

Ion Ratio Lower Upper

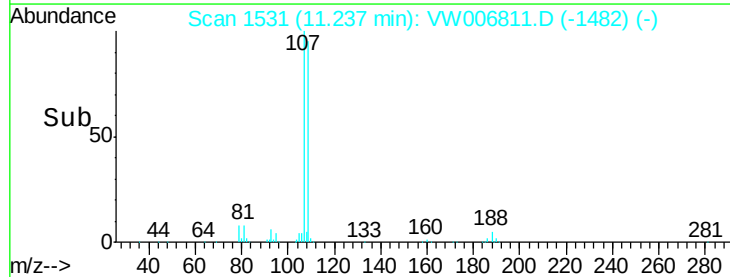
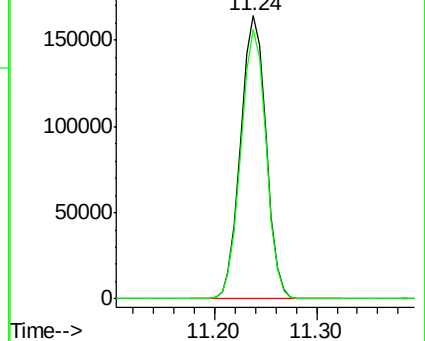
107 100

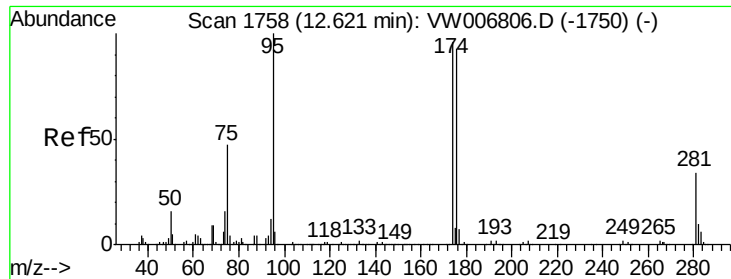
109 94.7 76.7 115.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

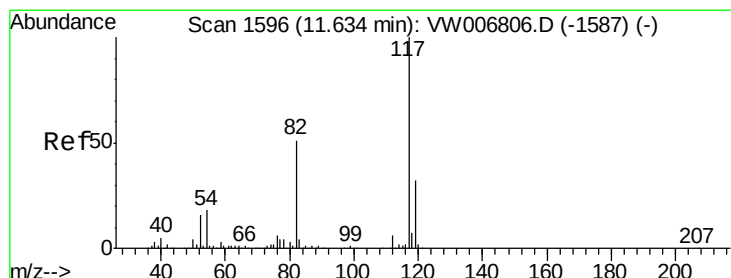
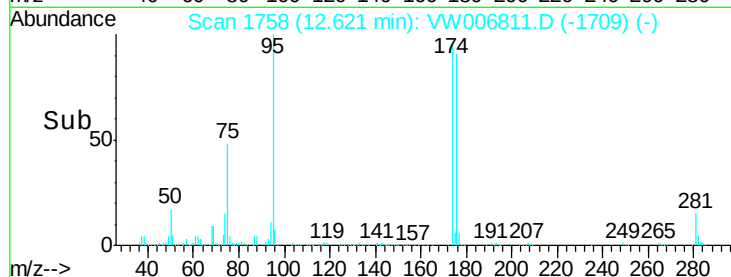
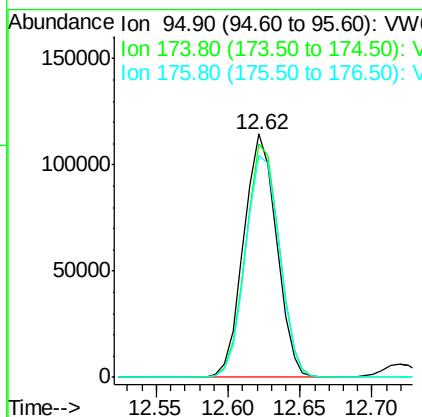
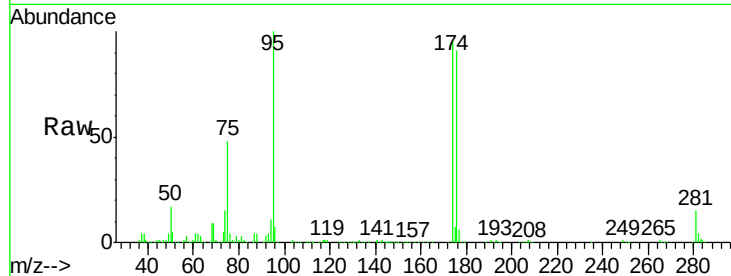




#62
4-Bromofluorobenzene
Concen: 47.776 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006811.D
Acq: 12 Nov 2018 16:36

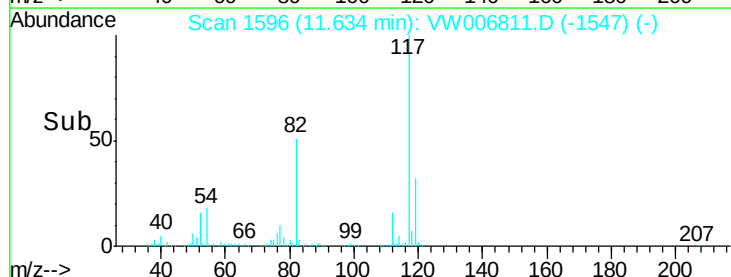
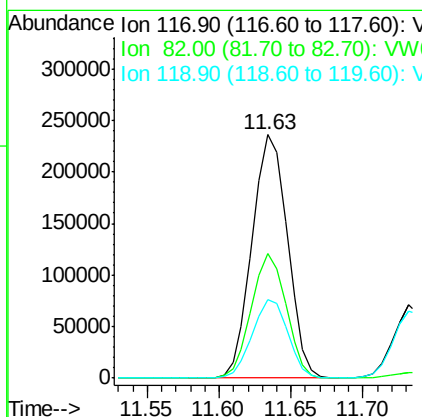
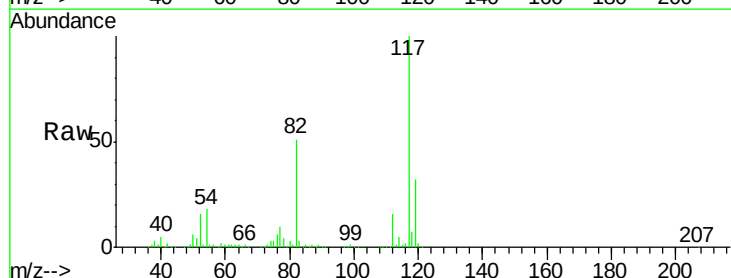
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOIL

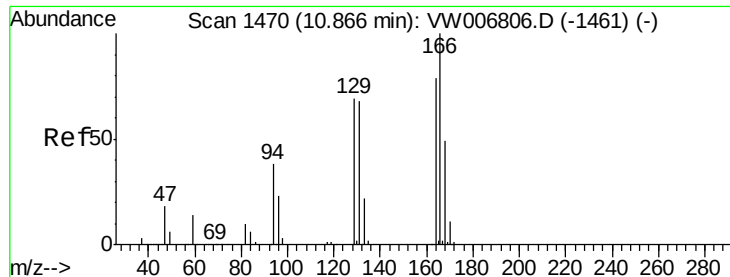
Tgt Ion: 95 Resp: 181083
Ion Ratio Lower Upper
95 100
174 98.0 0.0 196.6
176 94.3 0.0 191.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006811.D
Acq: 12 Nov 2018 16:36

Tgt Ion: 117 Resp: 402756
Ion Ratio Lower Upper
117 100
82 51.0 40.6 61.0
119 32.3 25.5 38.3

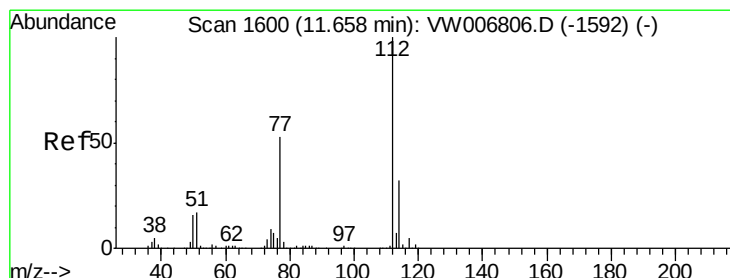
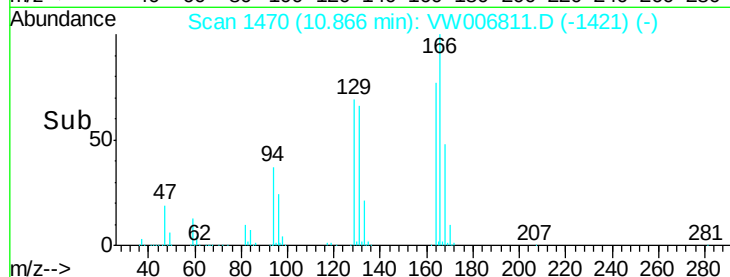
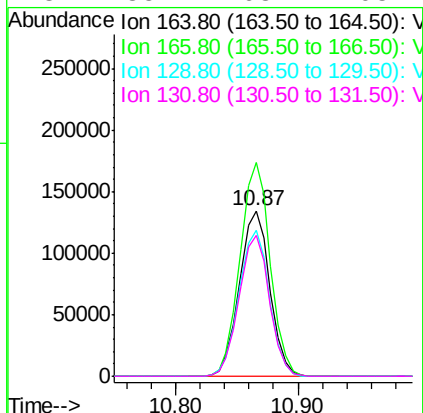
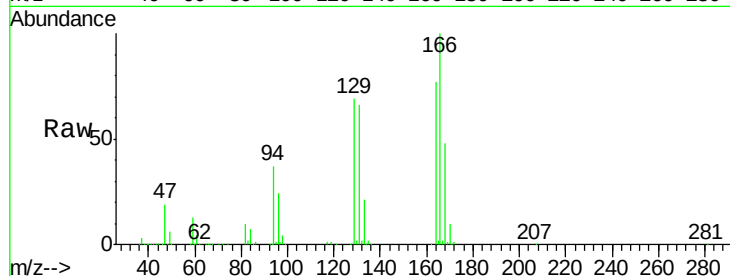




#64
Tetrachloroethene
Concen: 71.578 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006811.D
Acq: 12 Nov 2018 16:36

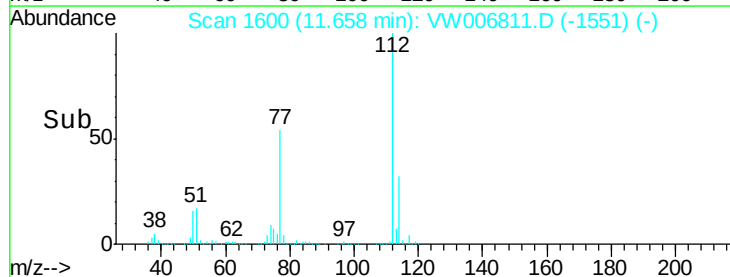
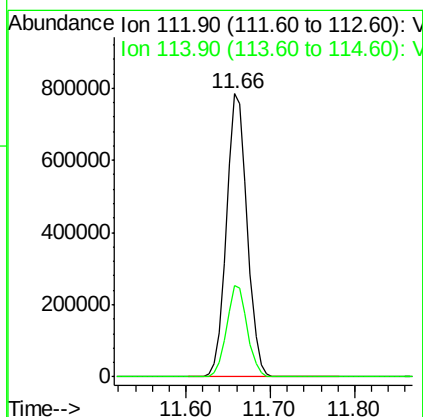
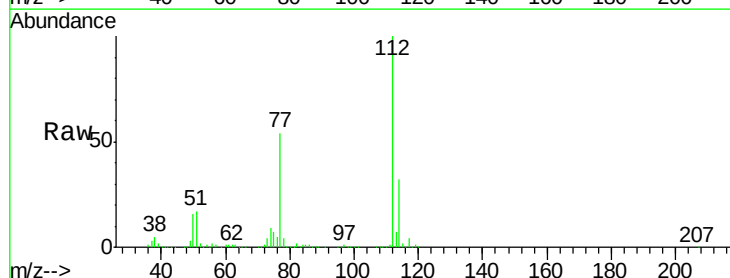
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOIL

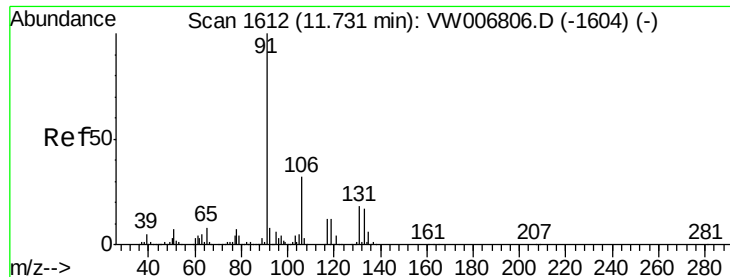
Tgt Ion:164 Resp: 231021
Ion Ratio Lower Upper
164 100
166 129.2 101.3 151.9
129 88.5 69.6 104.4
131 85.2 68.7 103.1



#65
Chlorobenzene
Concen: 146.947 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006811.D
Acq: 12 Nov 2018 16:36

Tgt Ion:112 Resp: 1312982
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

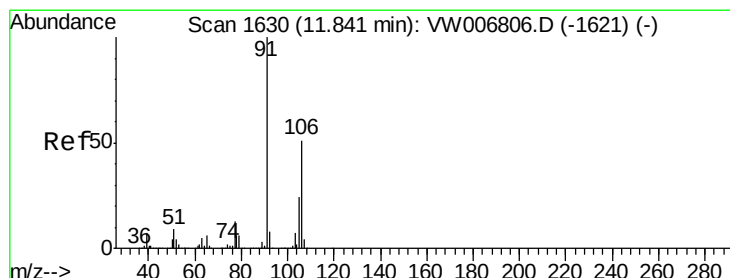
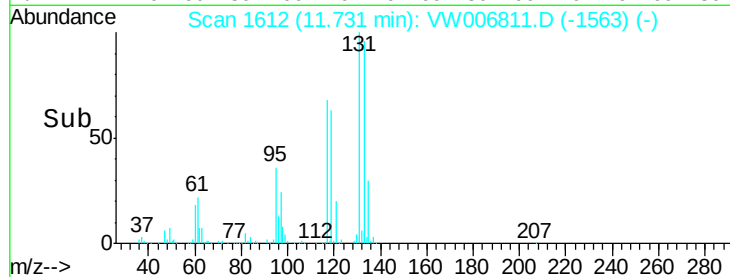
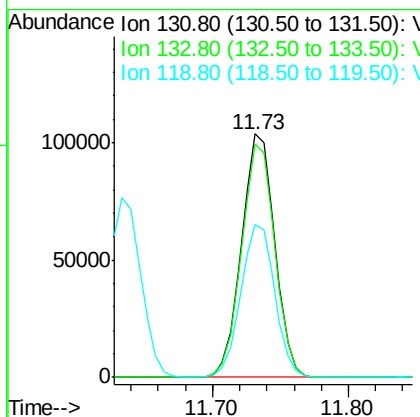
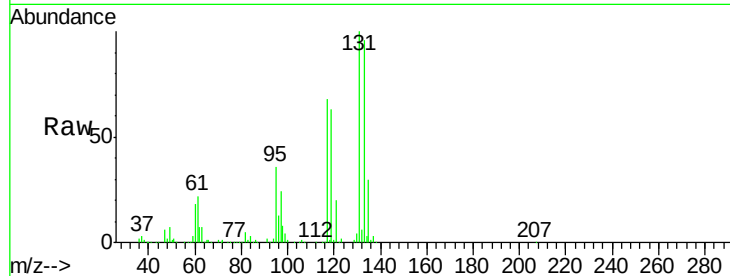




#66
 1,1,1,2-Tetrachloroethane
 Concen: 61.166 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

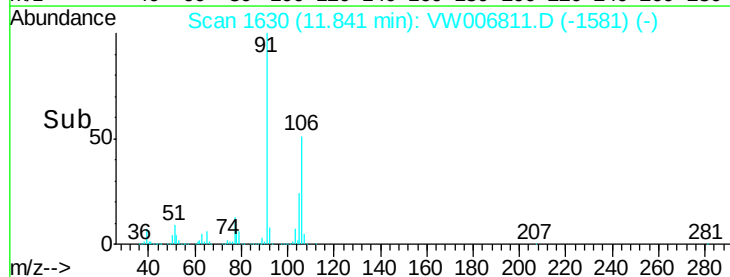
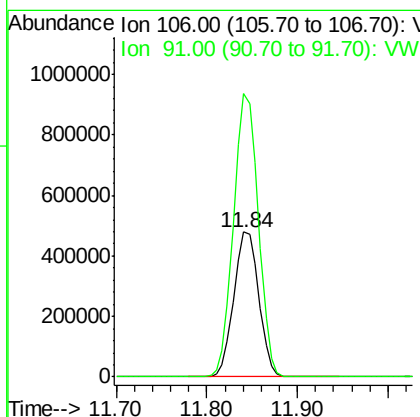
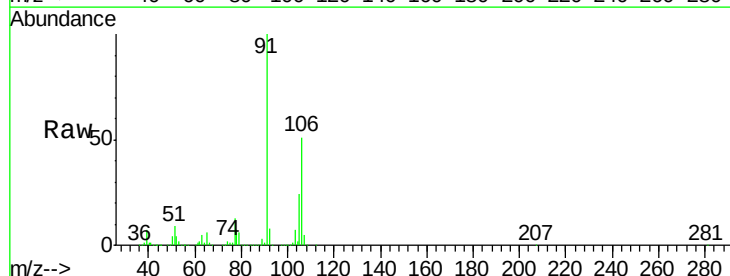
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOIL

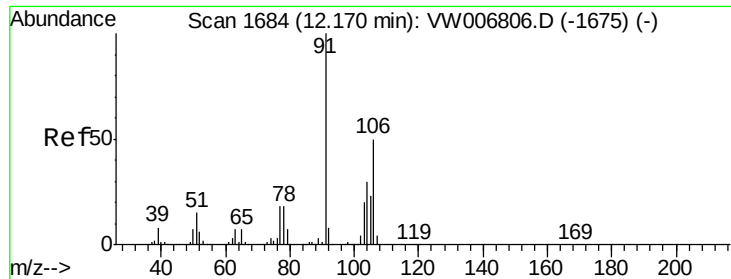
Tgt Ion:131 Resp: 177340
 Ion Ratio Lower Upper
 131 100
 133 95.9 47.9 143.8
 119 64.1 32.4 97.2



#68
 m/p-Xylenes
 Concen: 147.011 ug/l
 RT: 11.84 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

Tgt Ion:106 Resp: 916230
 Ion Ratio Lower Upper
 106 100
 91 194.0 155.7 233.5

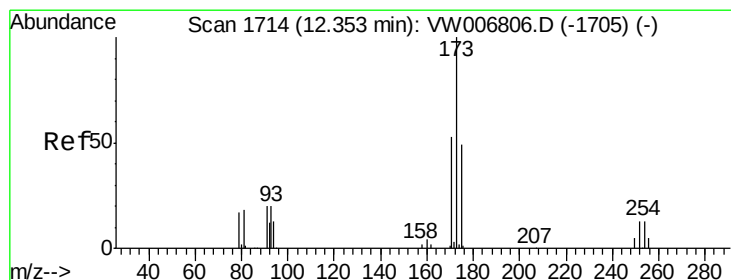
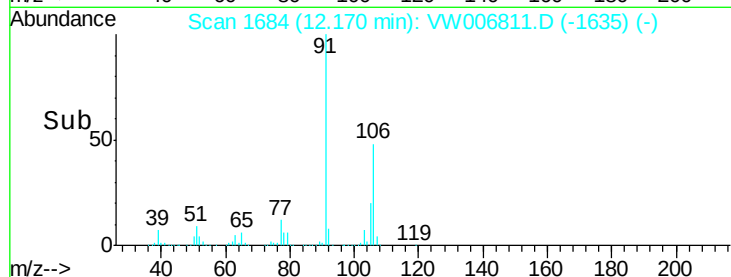
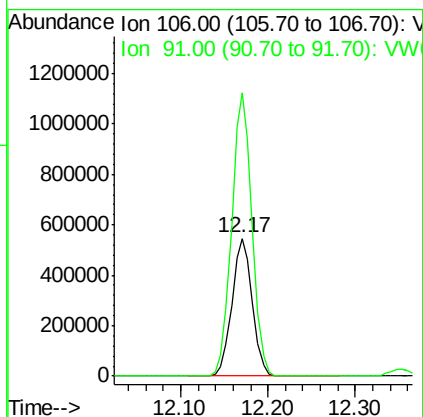
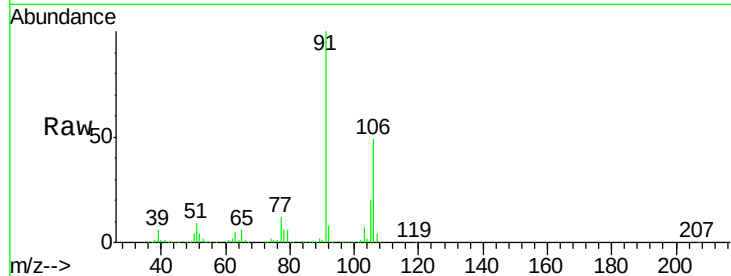




#69
o-Xylene
Concen: 151.453 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006811.D
Acq: 12 Nov 2018 16:36

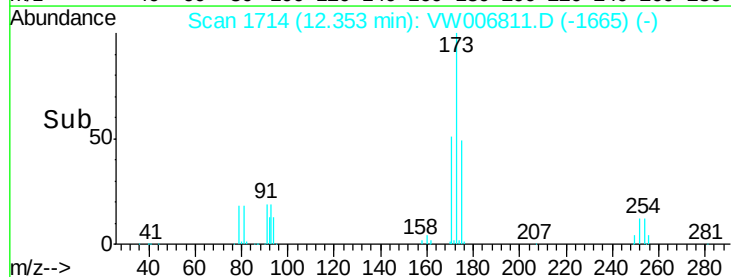
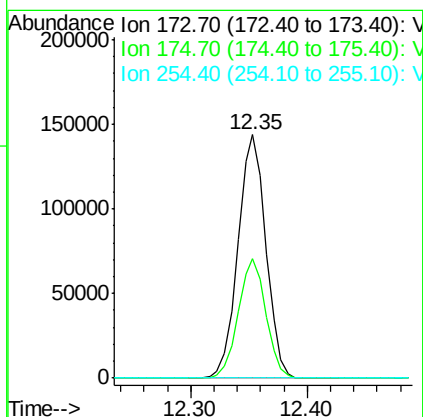
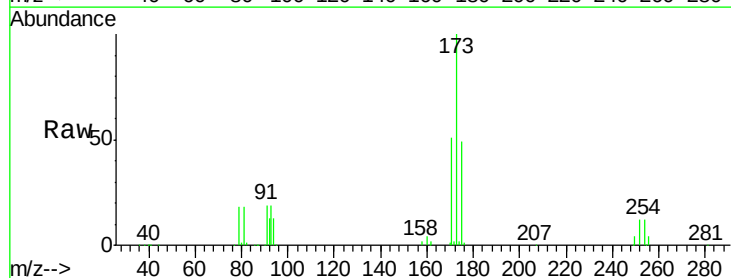
Instrument :
MSVOA_W
ClientSampled :
PT-VOA-SOIL

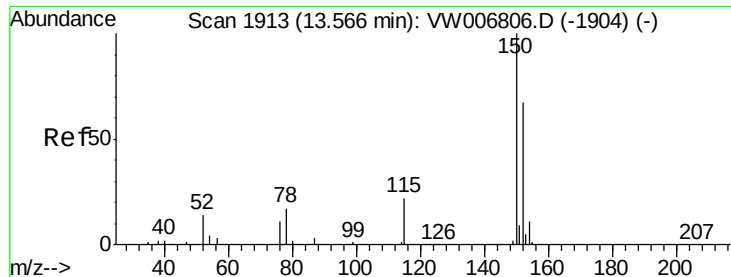
Tgt Ion:106 Resp: 878486
Ion Ratio Lower Upper
106 100
91 206.2 101.9 305.7



#71
Bromoform
Concen: 151.261 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006811.D
Acq: 12 Nov 2018 16:36

Tgt Ion:173 Resp: 239340
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.4
254 0.2 0.1 0.1#

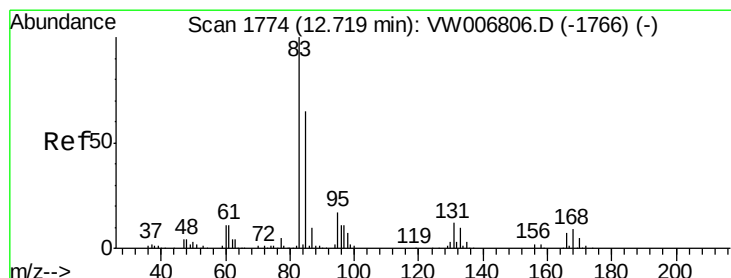
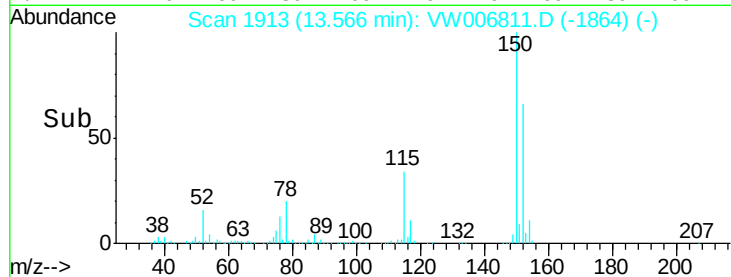
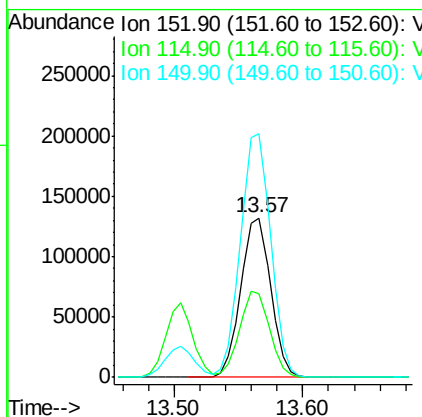
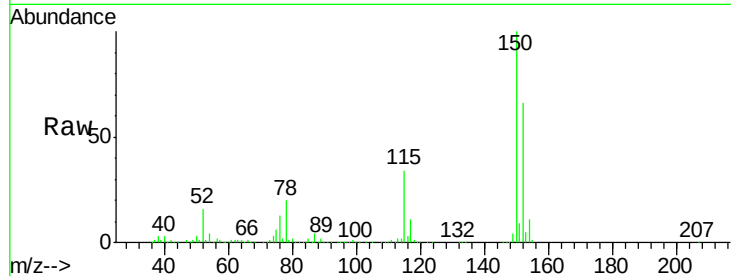




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

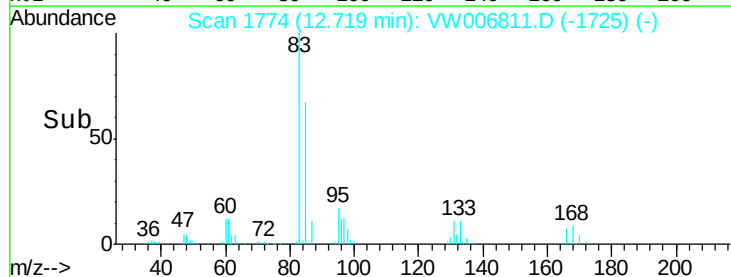
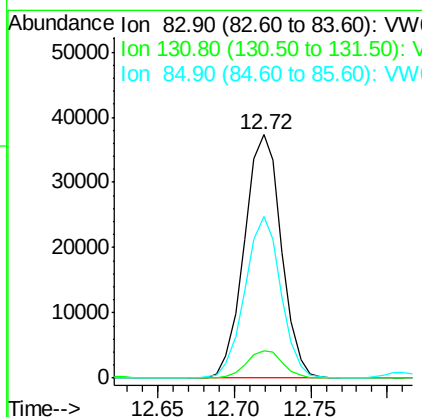
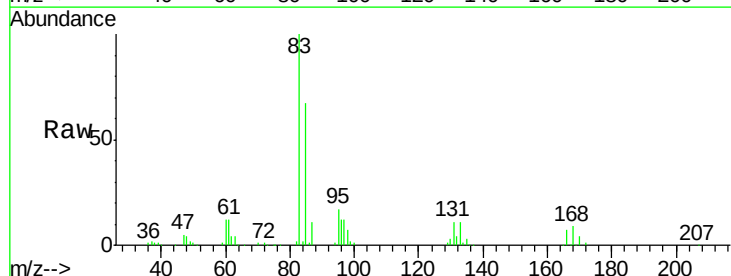
Instrument :
 MSVOA_W
 ClientSampled :
 PT-VOA-SOIL

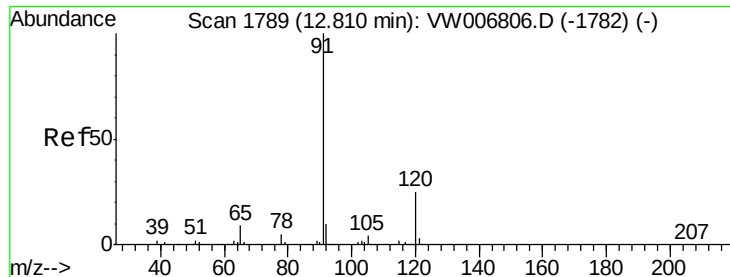
Tgt Ion:152 Resp: 212099
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.3 81.8
 150 155.2 0.0 353.0



#75
 1,1,2,2-Tetrachloroethane
 Concen: 30.793 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

Tgt Ion: 83 Resp: 62715
 Ion Ratio Lower Upper
 83 100
 131 10.9 6.1 18.3
 85 64.5 32.4 97.0





#78

n-propylbenzene

Concen: 69.912 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Instrument :

MSVOA_W

ClientSampled :

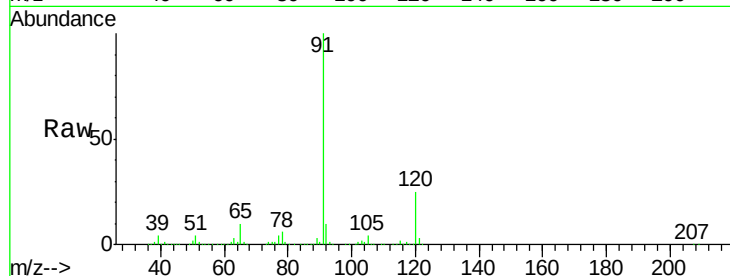
PT-VOA-SOIL

Tgt Ion: 91 Resp: 1214793

Ion Ratio Lower Upper

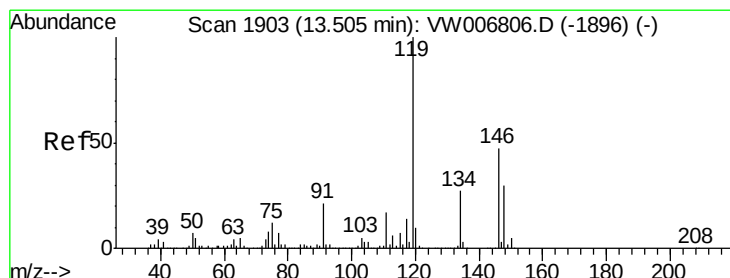
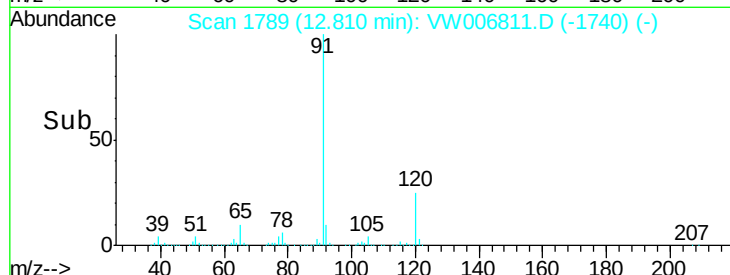
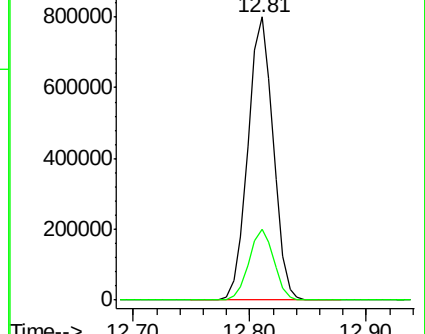
91 100

120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 86.492 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

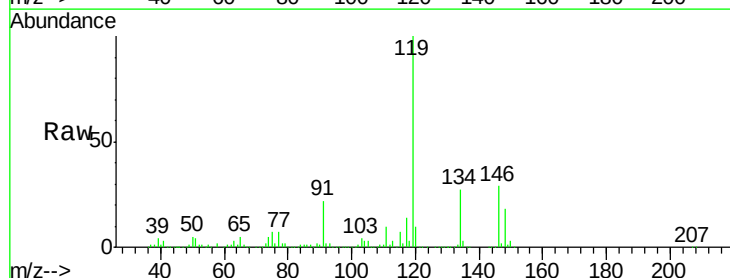
Tgt Ion: 119 Resp: 1247207

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

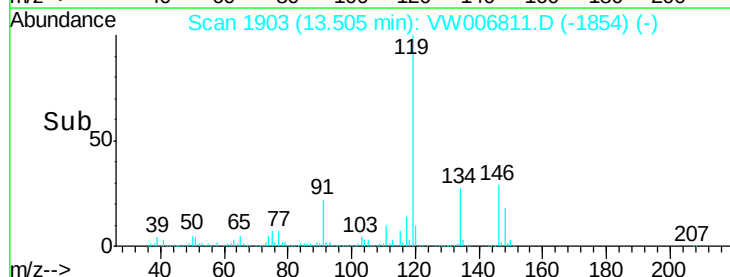
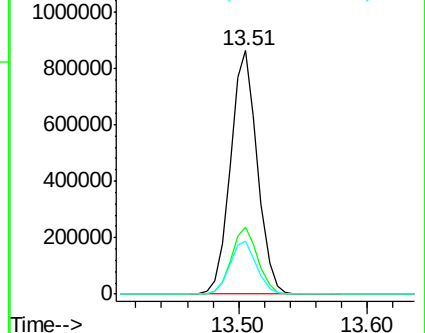
91 22.0 10.8 32.4

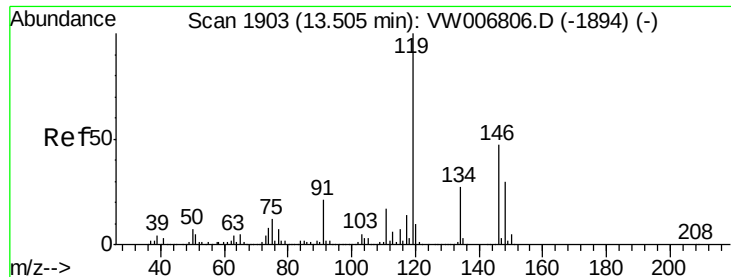


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VW

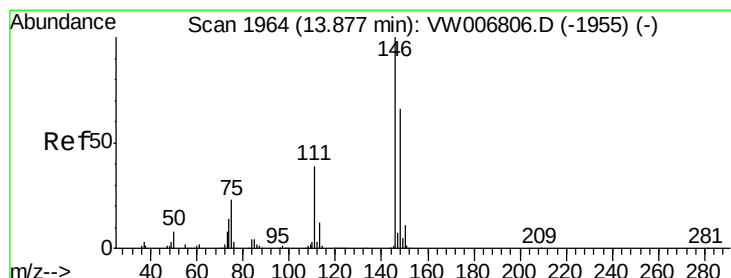
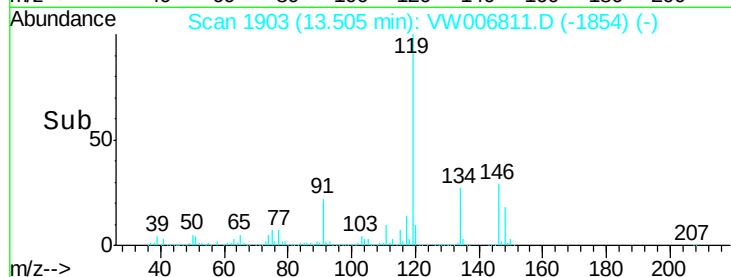
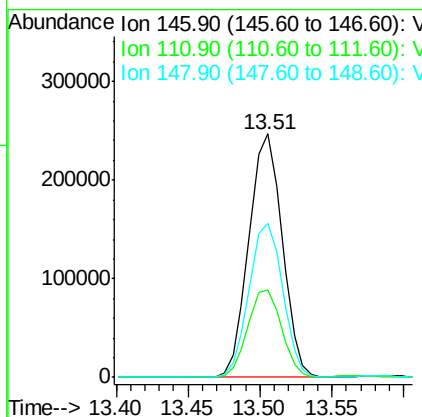
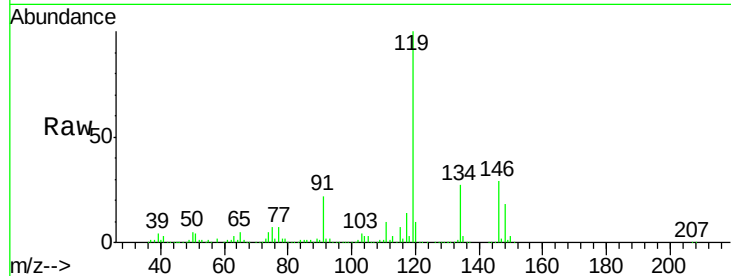




#87
 1,3-Dichlorobenzene
 Concen: 52.345 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

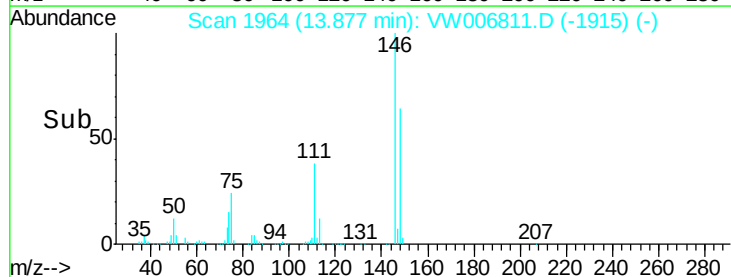
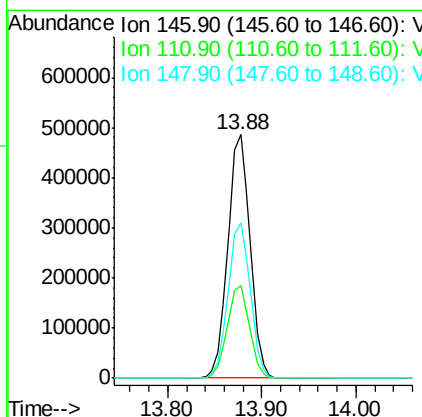
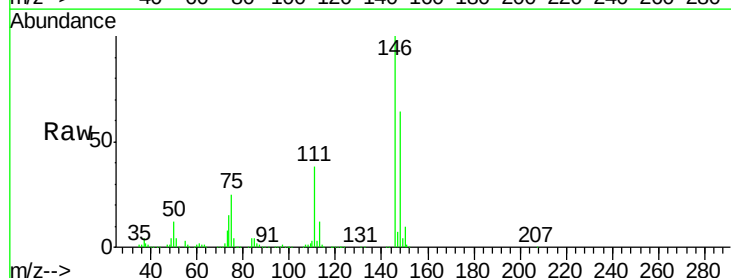
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOIL

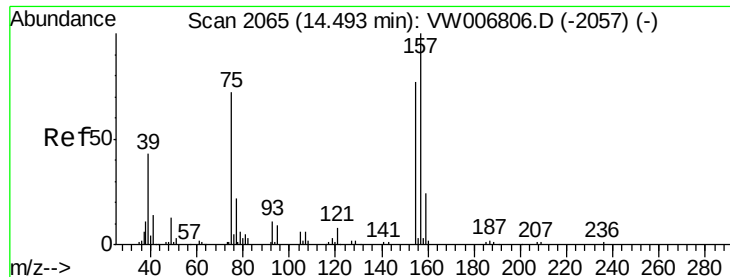
Tgt Ion:146 Resp: 395988
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.3 54.9
 148 64.3 31.9 95.9



#91
 1,2-Dichlorobenzene
 Concen: 120.484 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006811.D
 Acq: 12 Nov 2018 16:36

Tgt Ion:146 Resp: 793753
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.3 57.8
 148 64.0 32.4 97.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 96.006 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOIL

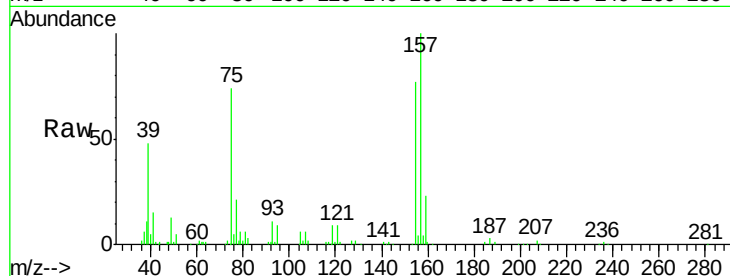
Tgt Ion: 75 Resp: 31304

Ion Ratio Lower Upper

75 100

155 102.4 51.0 153.1

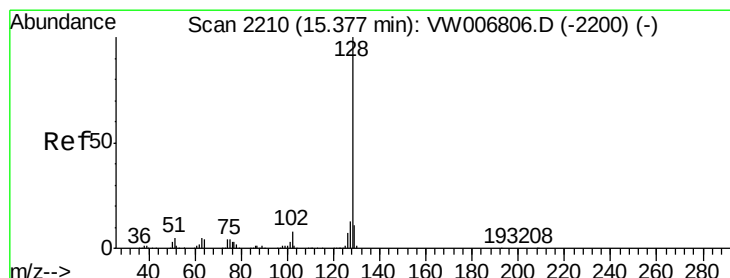
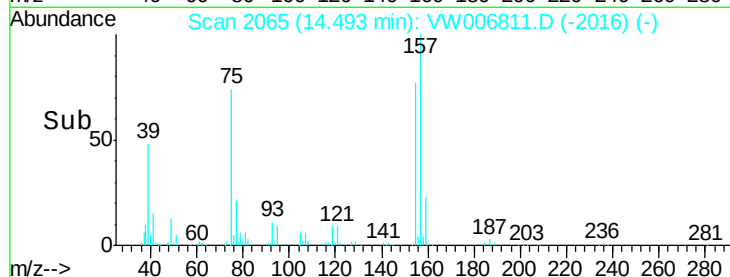
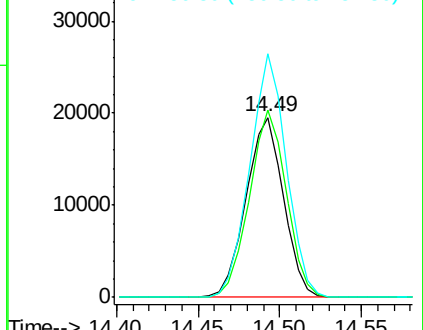
157 131.9 67.4 202.2



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



#95

Naphthalene

Concen: 105.074 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006811.D

Acq: 12 Nov 2018 16:36

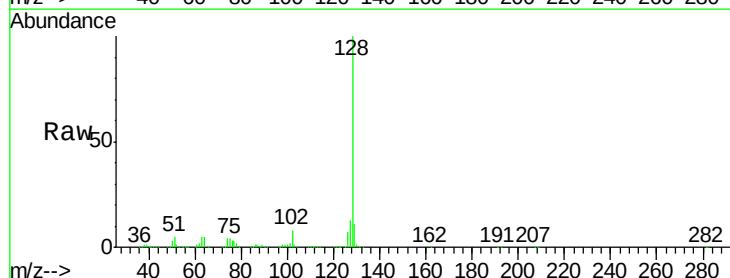
Tgt Ion: 128 Resp: 781645

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.6 13.0



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

