

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002551.D
 Acq On : 15 May 2018 14:32
 Operator : JC/SY
 Sample : J2604-23
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: May 15 14:59:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	311559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125620	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	7.88	113	111553	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.33	98	419381	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.63	95	143635	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	4.02	96	198127	102.86	ug/l	97
16) Acetone	4.12	43	455602	906.84	ug/l	99
20) Methylene Chloride	4.90	84	59955	28.83	ug/l	97
21) trans-1,2-Dichloroethene	5.40	96	421960	202.65	ug/l	99
22) Diisopropyl ether	6.31	45	382084	60.35	ug/l	97
24) 1,1-Dichloroethane	6.20	63	431112	112.98	ug/l	99
25) 2-Butanone	7.17	43	456017	641.87	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	243406	102.46	ug/l	91
28) Bromochloromethane	7.51	49	63569	37.32	ug/l	100
30) Chloroform	7.67	83	347168	85.20	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	489667	159.32	ug/l	99
38) Carbon Tetrachloride	8.06	117	212750	70.75	ug/l	96
44) Trichloroethene	9.09	130	114583	47.42	ug/l	99
45) 1,2-Dichloropropane	9.37	63	237545	105.72	ug/l	99
47) Bromodichloromethane	9.65	83	548287	183.87	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	677235	421.04	ug/l	99
59) 2-Hexanone	10.98	43	259206	233.42	ug/l	100
60) Dibromochloromethane	11.13	129	435061	204.68	ug/l	98
61) 1,2-Dibromoethane	11.24	107	110675	63.66	ug/l	100
64) Tetrachloroethene	10.87	164	119842	54.57	ug/l	96
65) Chlorobenzene	11.66	112	820341	132.20	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	56862	25.60	ug/l	98
67) Ethyl Benzene	11.74	91	2232363	211.67	ug/l	98
68) m/p-Xylenes	11.85	106	477898	116.55	ug/l	99
69) o-Xylene	12.18	106	443001	113.70	ug/l	99
70) Styrene	12.19	104	388528	59.92	ug/l	91
71) Bromoform	12.36	173	160352	122.86	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	12.73	83	380075	185.01	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	133291	85.73	ug/l	# 100
79) 2-Chlorotoluene	12.90	91	1404179	201.93	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1533000	177.17	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1238255	137.85	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	853872	163.19	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	447745	86.01	ug/l	99

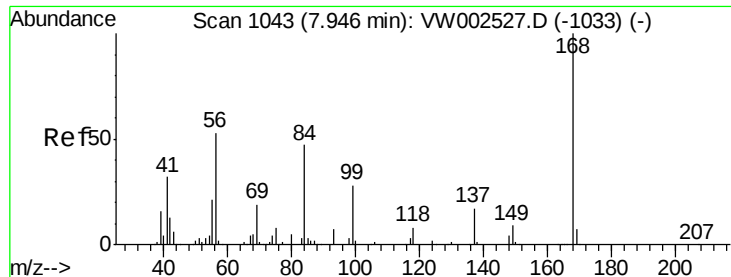
Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
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Quant Title : SW846 8260
QLast Update : Tue May 15 03:32:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	256826	74.31	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

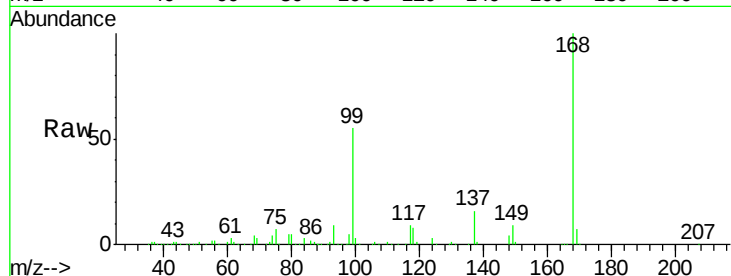
PT-VOA-SOIL

Tot Ion:168 Resp: 230290

Ion Ratio Lower Upper

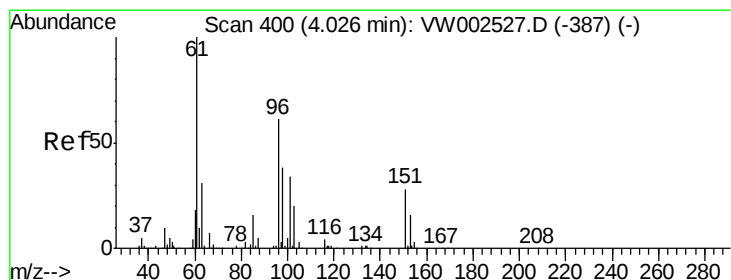
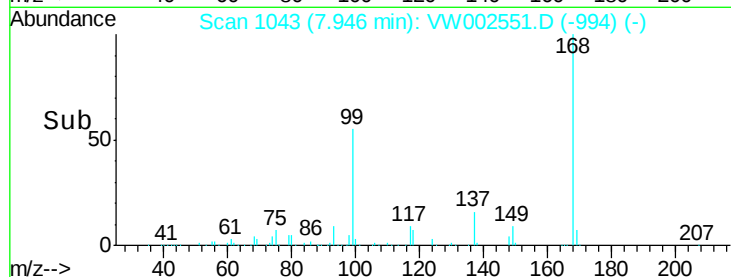
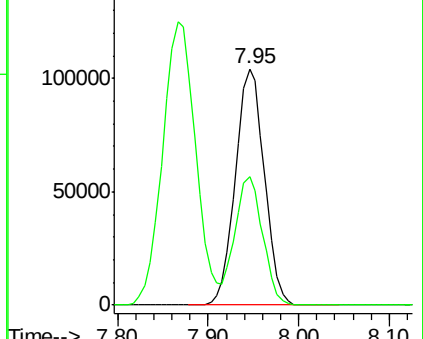
168 100

99 54.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#12

1,1-Dichloroethene

Concen: 102.86 ug/l

RT: 4.02 min Scan# 399

Delta R.T. -0.01 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

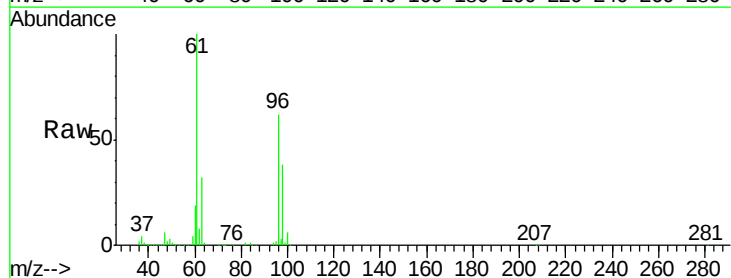
Tgt Ion: 96 Resp: 198127

Ion Ratio Lower Upper

96 100

61 161.5 132.2 198.2

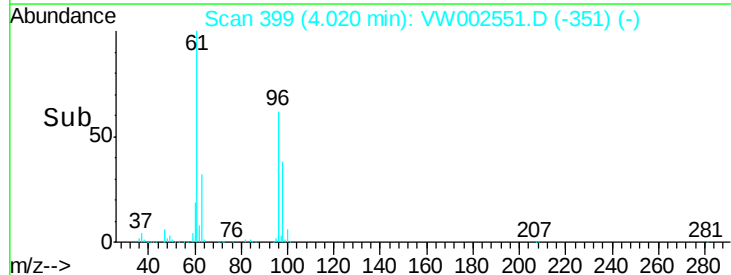
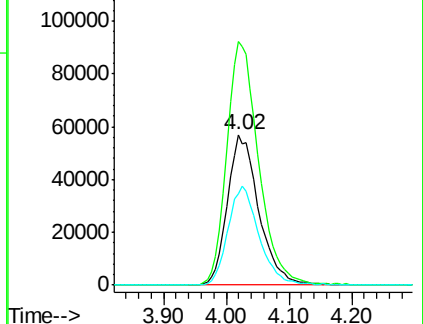
98 60.9 50.6 76.0

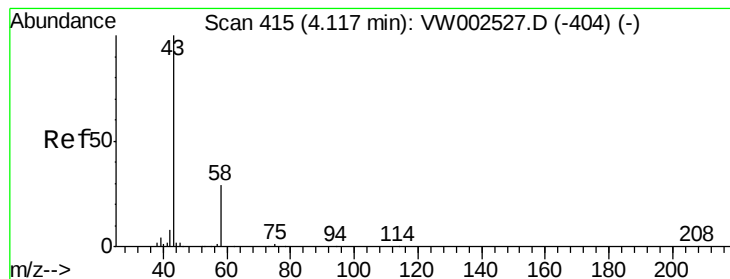


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#16

Acetone

Concen: 906.84 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

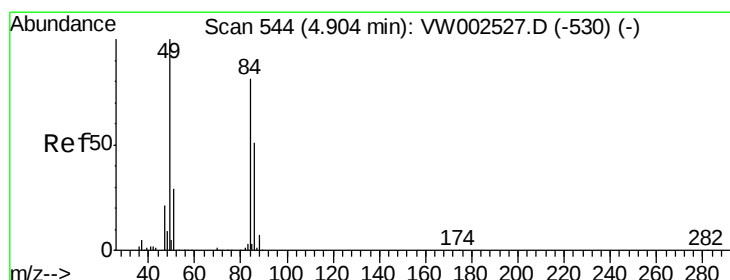
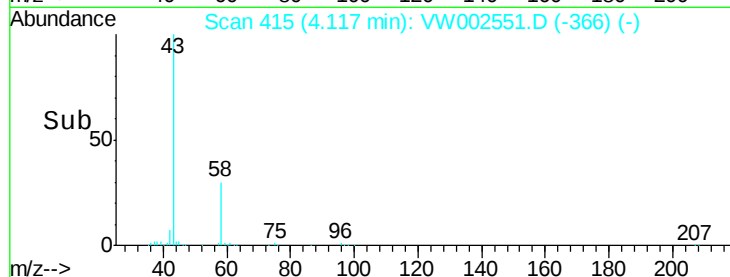
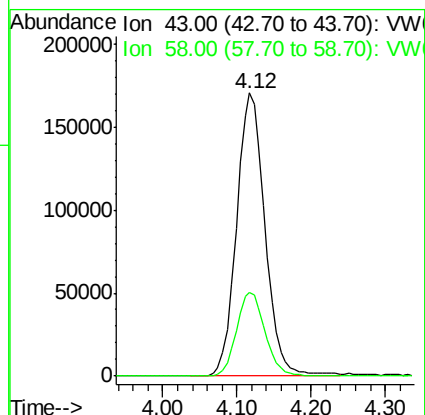
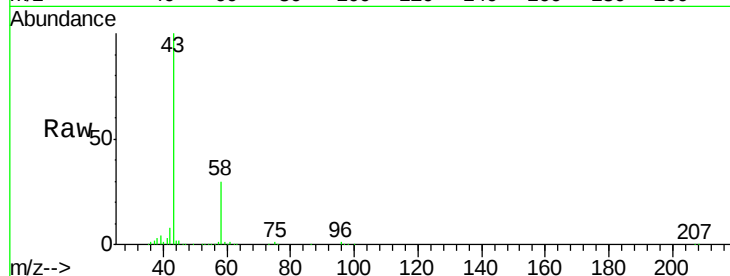
PT-VOA-SOIL

Tot Ion: 43 Resp: 455602

Ion Ratio Lower Upper

43 100

58 29.8 23.4 35.0



#20

Methylene Chloride

Concen: 28.83 ug/l

RT: 4.90 min Scan# 544

Delta R.T. 0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Tgt Ion: 84 Resp: 59955

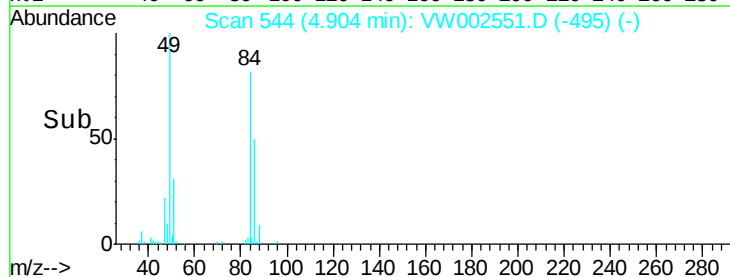
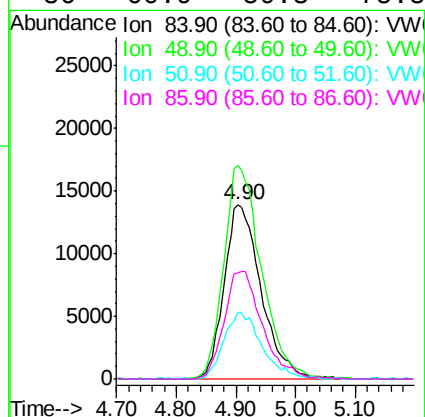
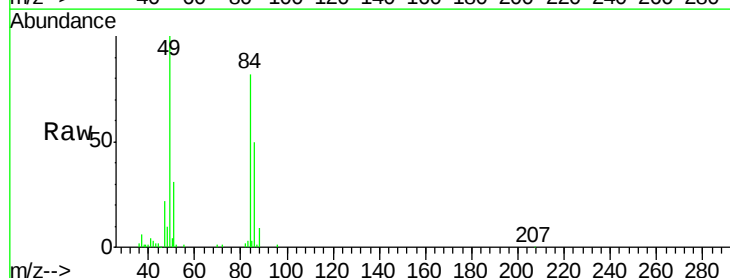
Ion Ratio Lower Upper

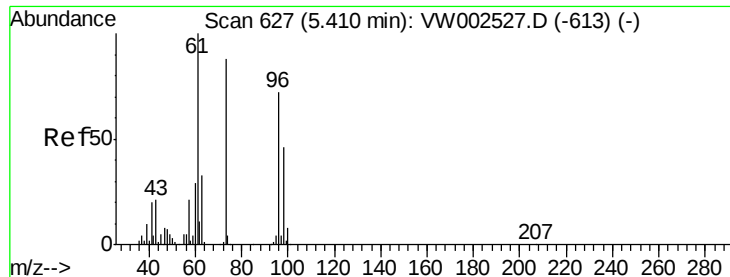
84 100

49 121.5 99.4 149.0

51 38.2 29.0 43.6

86 60.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 202.65 ug/l

RT: 5.40 min Scan# 626

Delta R.T. -0.01 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOIL

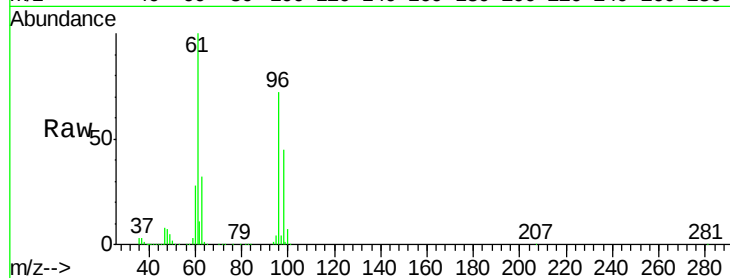
Tot Ion: 96 Resp: 421960

Ion Ratio Lower Upper

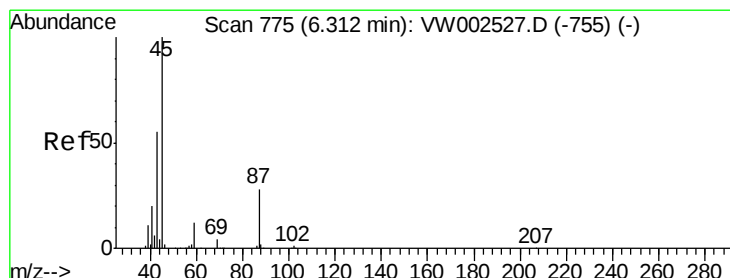
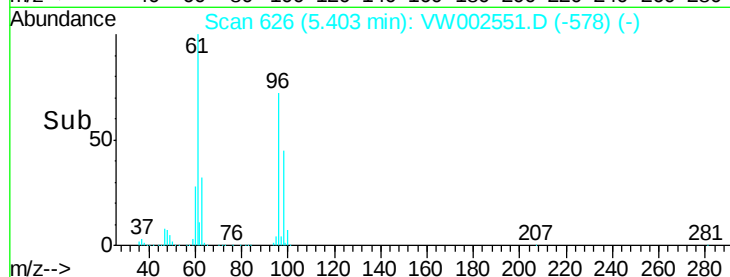
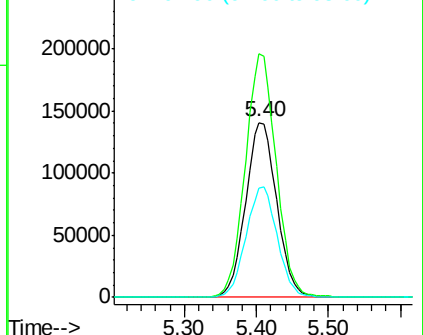
96 100

61 139.3 111.6 167.4

98 62.5 51.7 77.5



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



#22

Diisopropyl ether

Concen: 60.35 ug/l

RT: 6.31 min Scan# 774

Delta R.T. -0.01 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Tgt Ion: 45 Resp: 382084

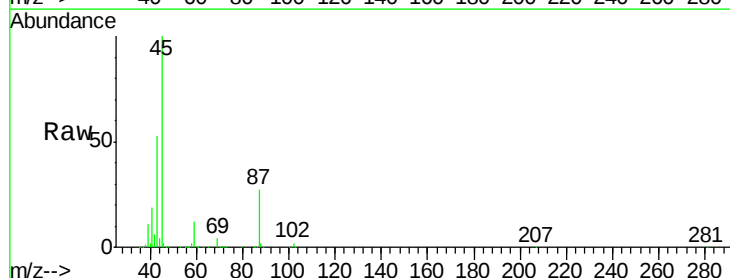
Ion Ratio Lower Upper

45 100

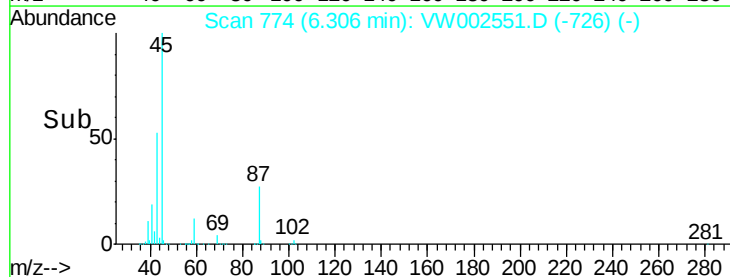
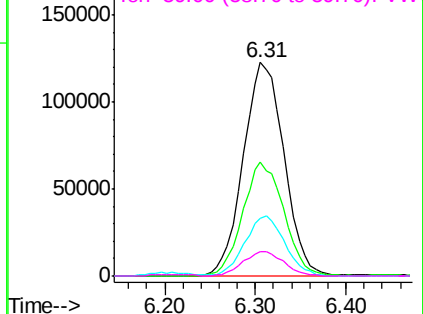
43 53.2 44.4 66.6

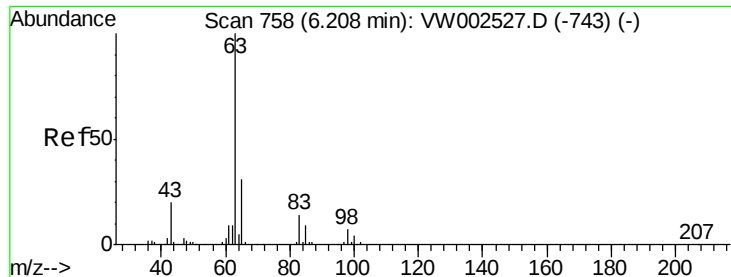
87 27.0 23.0 34.4

59 11.5 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#24

1,1-Dichloroethane

Concen: 112.98 ug/l

RT: 6.20 min Scan# 757

Delta R.T. -0.01 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOIL

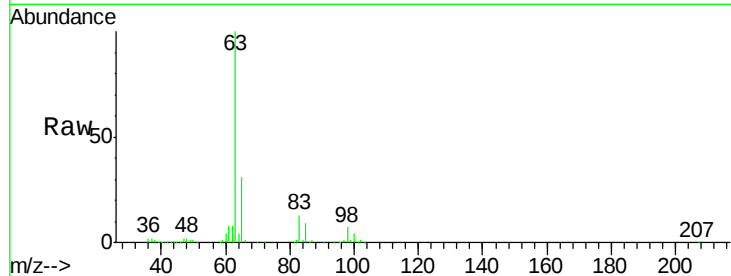
Tot Ion: 63 Resp: 431112

Ion Ratio Lower Upper

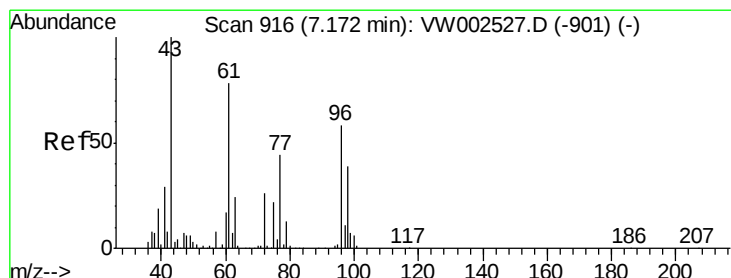
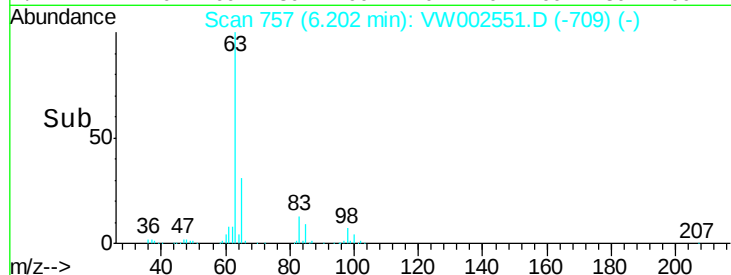
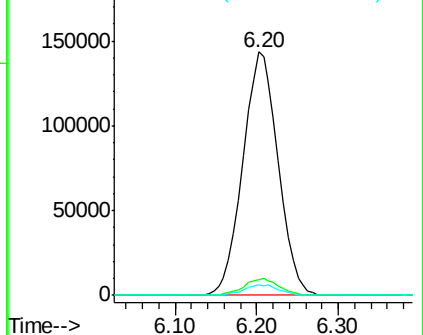
63 100

98 6.6 3.6 10.9

100 4.4 2.1 6.5



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: 641.87 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002551.D

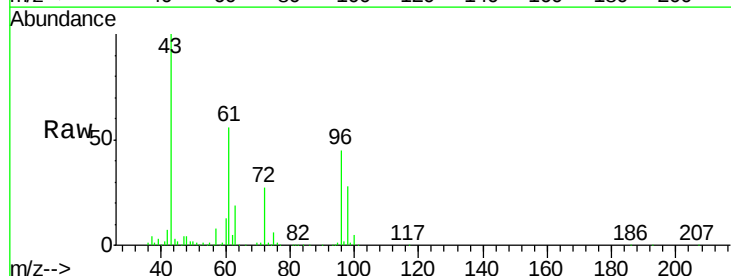
Acq: 15 May 2018 14:32

Tgt Ion: 43 Resp: 456017

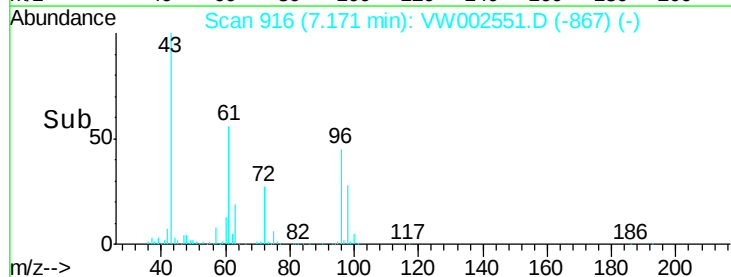
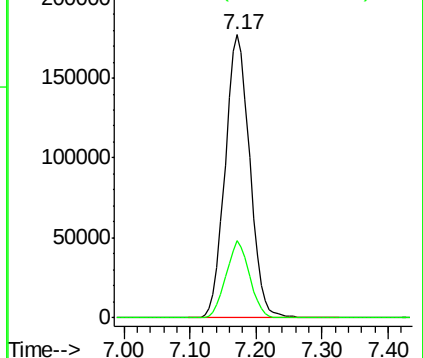
Ion Ratio Lower Upper

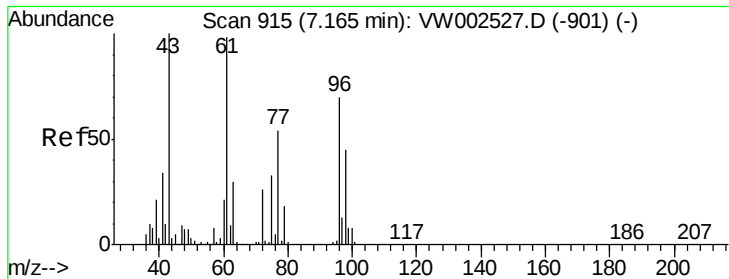
43 100

72 27.3 20.9 31.3



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



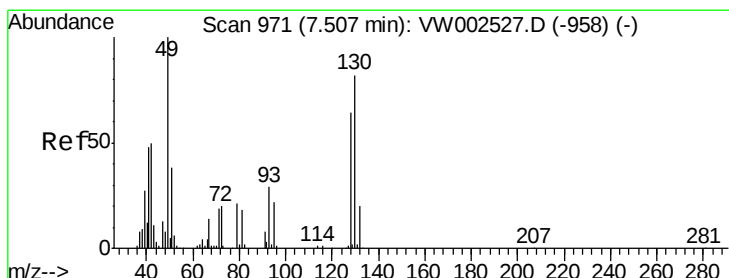
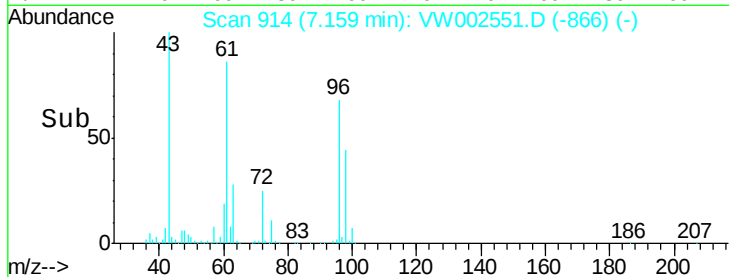
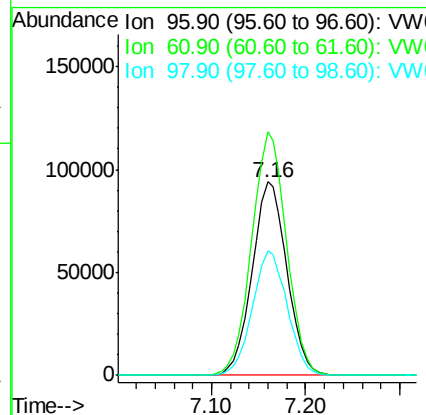
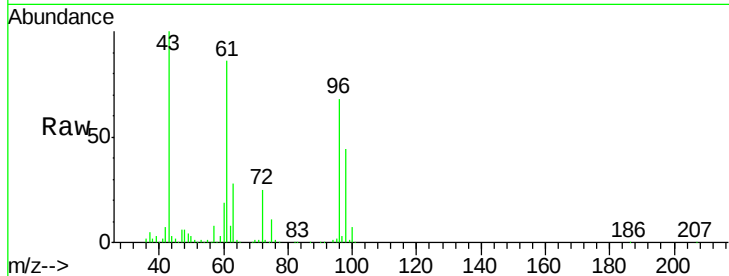


#27

cis-1,2-Dichloroethene
Concen: 102.46 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002551.D
Acq: 15 May 2018 14:32

Instrument :
MSVOA_W
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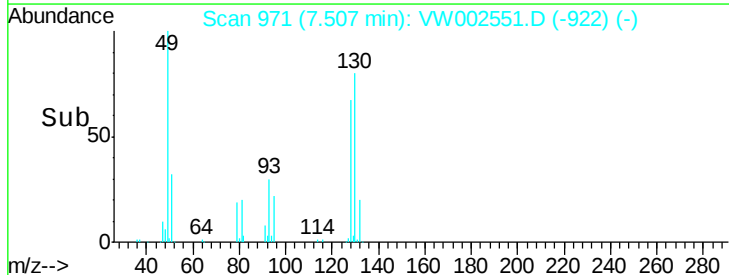
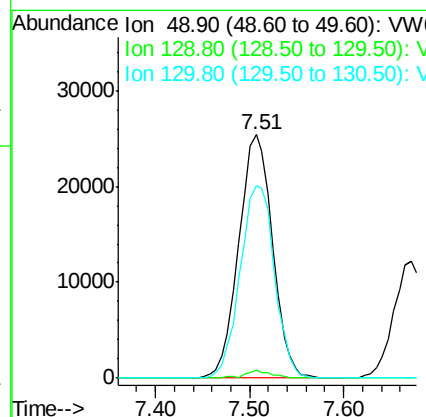
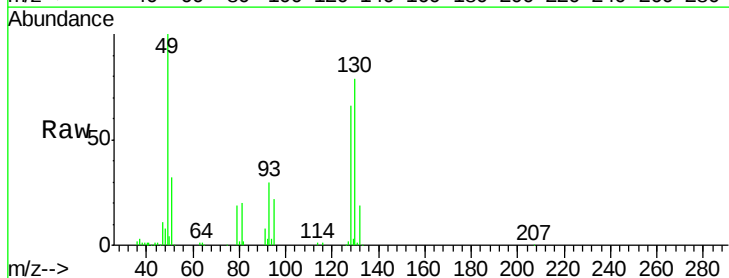
Tot Ion: 96 Resp: 243406
Ion Ratio Lower Upper
96 100
61 126.1 0.0 281.6
98 64.3 0.0 130.8

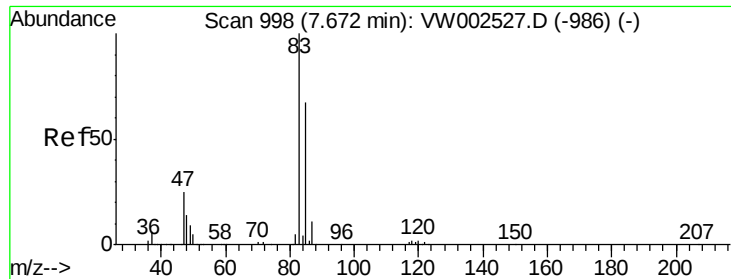


#28

Bromochloromethane
Concen: 37.32 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.00 min
Lab File: VW002551.D
Acq: 15 May 2018 14:32

Tgt Ion: 49 Resp: 63569
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.4
130 80.7 64.7 97.1

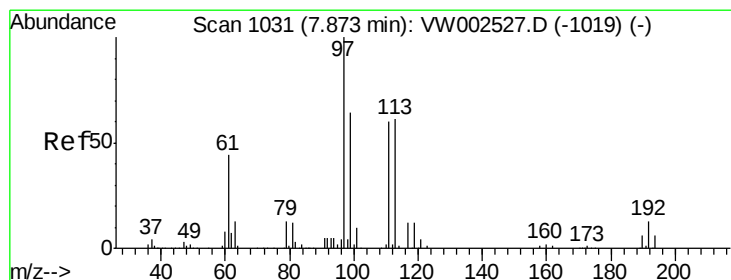
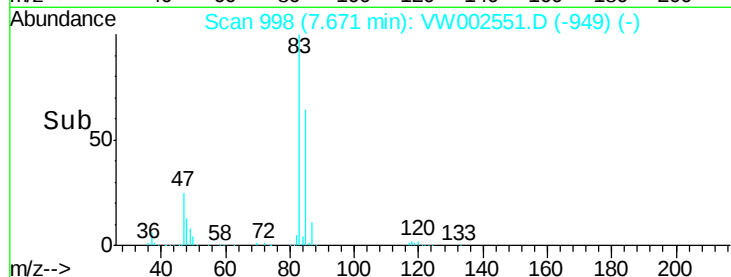
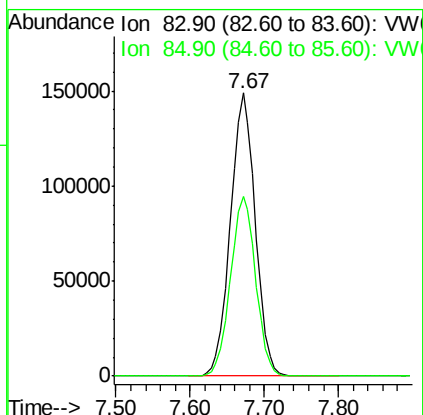
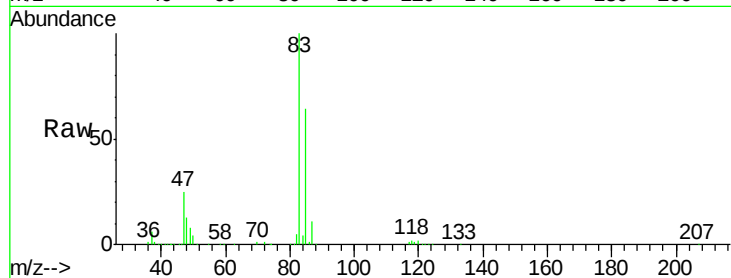




#30
Chloroform
Concen: 85.20 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.00 min
Lab File: VW002551.D
Acq: 15 May 2018 14:32

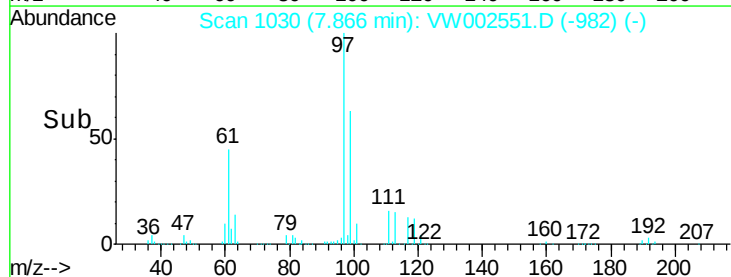
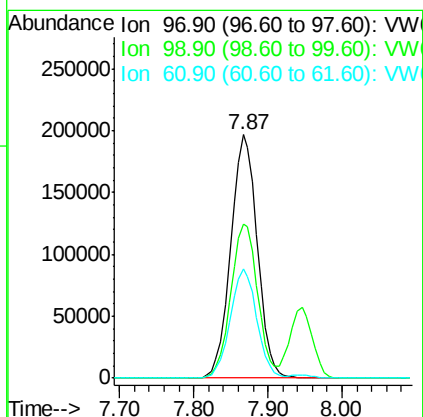
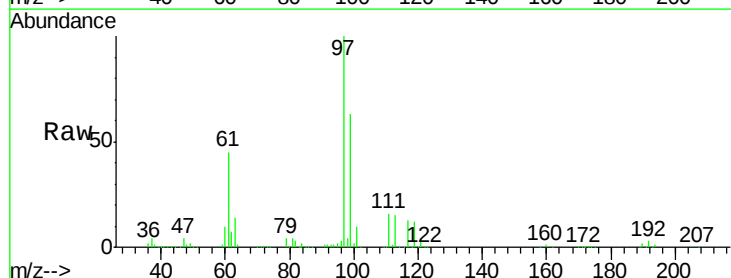
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOIL

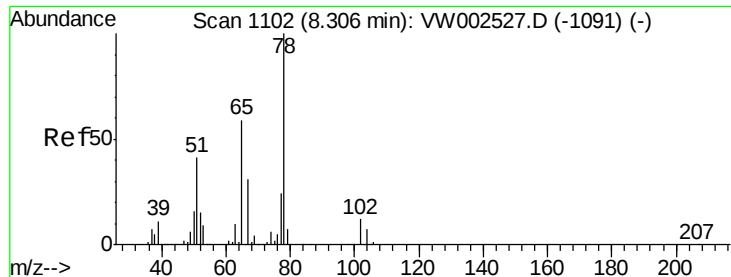
Tot Ion: 83 Resp: 347168
Ion Ratio Lower Upper
83 100
85 63.5 53.9 80.9



#32
1,1,1-Trichloroethane
Concen: 159.32 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VW002551.D
Acq: 15 May 2018 14:32

Tgt Ion: 97 Resp: 489667
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 45.1 35.9 53.9

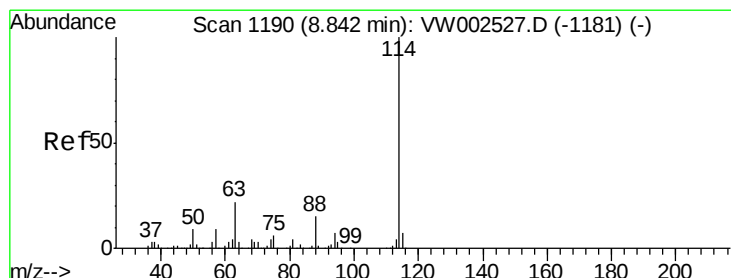
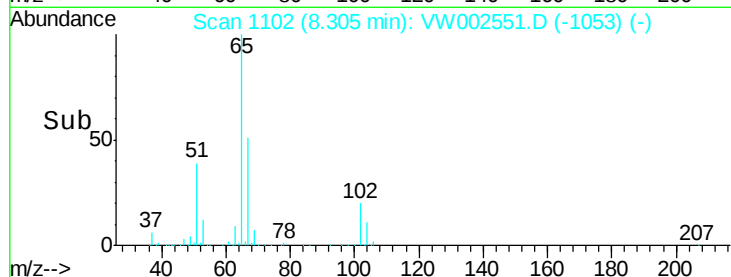
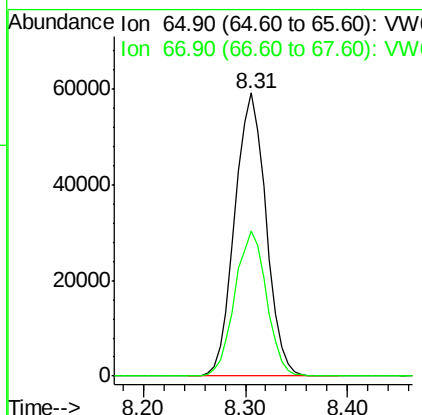
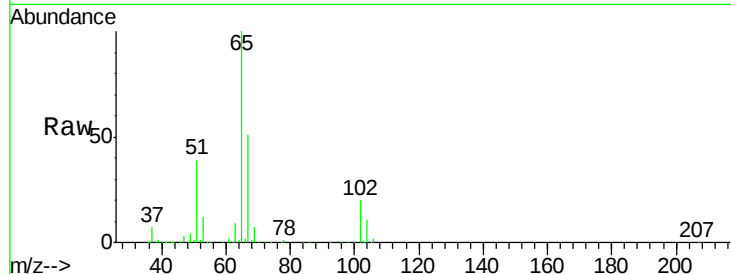




#33
 1,2-Dichloroethane-d4
 Concen: 52.79 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002551.D
 Acq: 15 May 2018 14:32

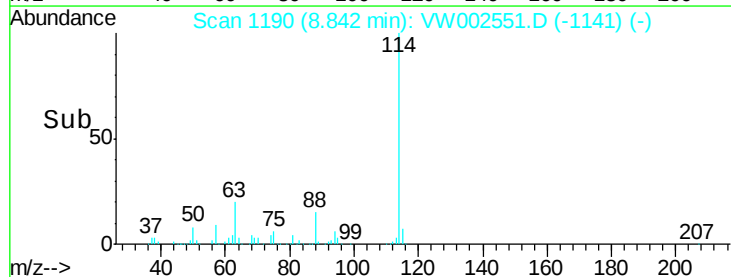
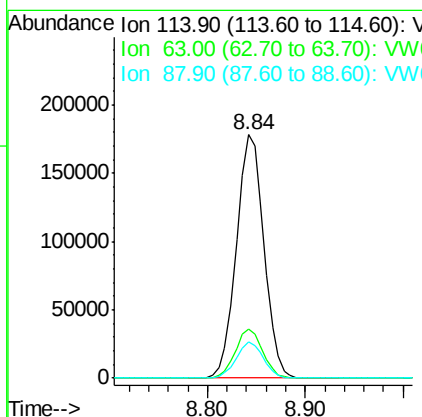
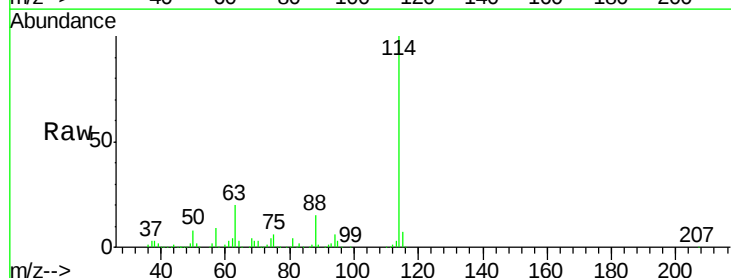
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOIL

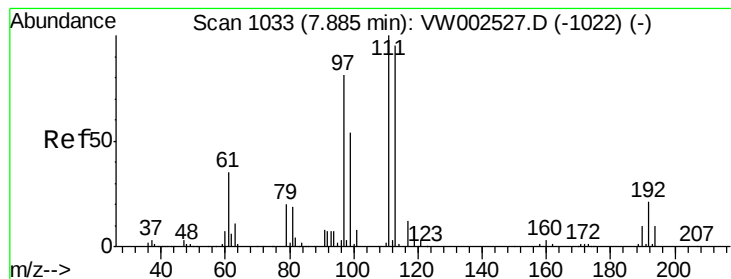
Tot Ion: 65 Resp: 125620
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VW002551.D
 Acq: 15 May 2018 14:32

Tgt Ion: 114 Resp: 348021
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.2
 88 14.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 50.53 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOIL

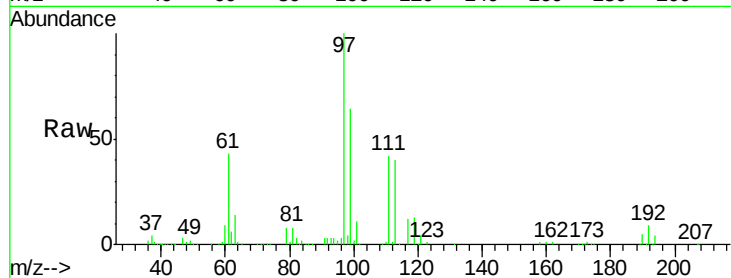
Tot Ion:113 Resp: 111553

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

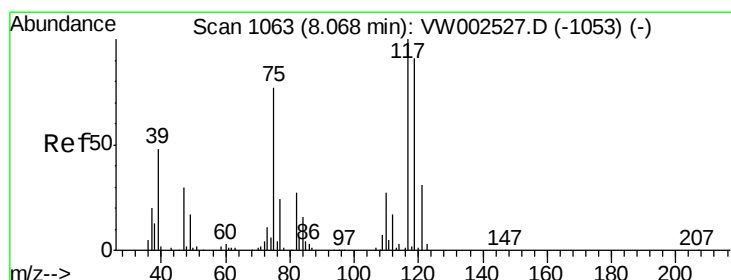
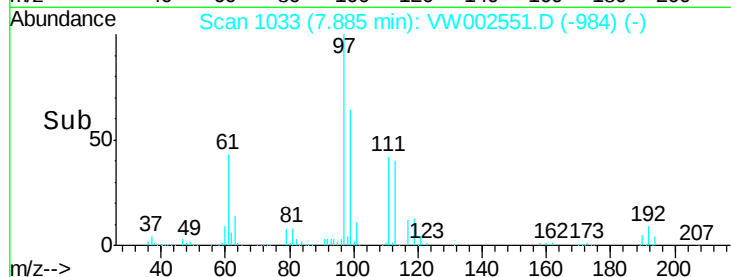
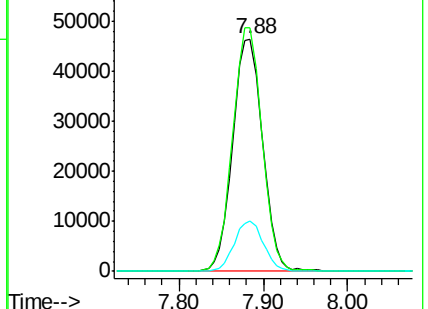
192 21.1 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#38

Carbon Tetrachloride

Concen: 70.75 ug/l

RT: 8.06 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

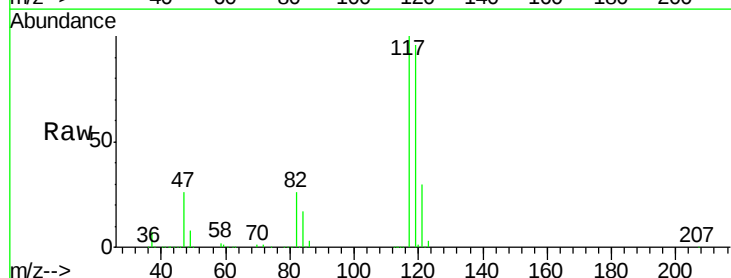
Tgt Ion:117 Resp: 212750

Ion Ratio Lower Upper

117 100

119 96.1 73.1 109.7

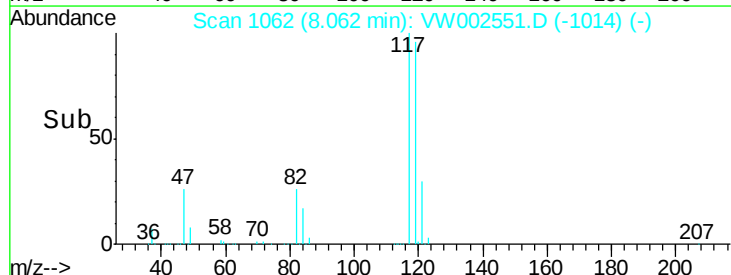
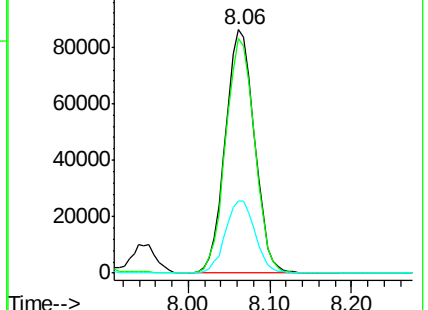
121 29.8 24.4 36.6

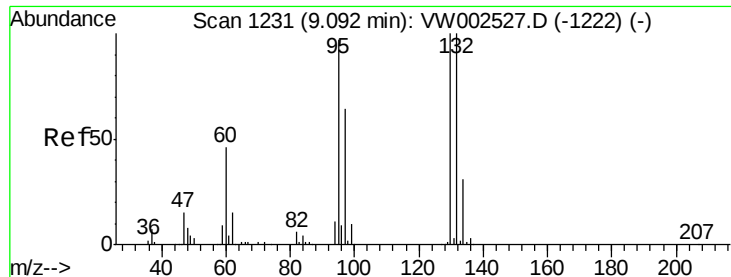


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 47.42 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

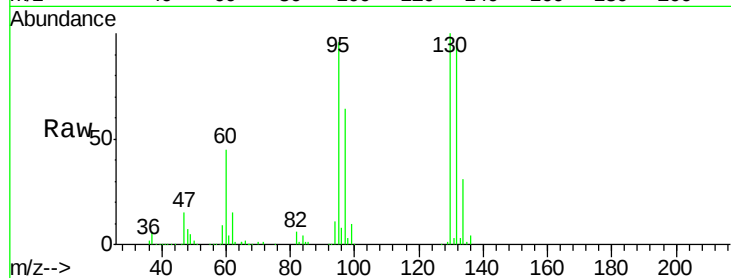
PT-VOA-SOIL

Tot Ion:130 Resp: 114583

Ion Ratio Lower Upper

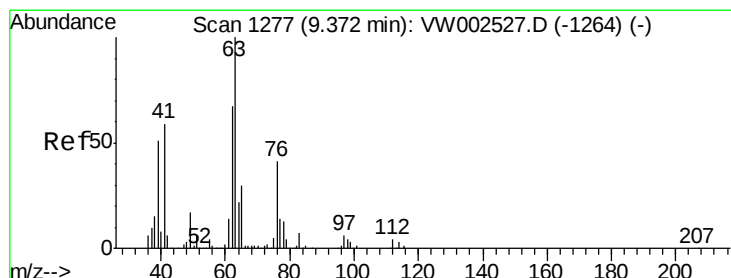
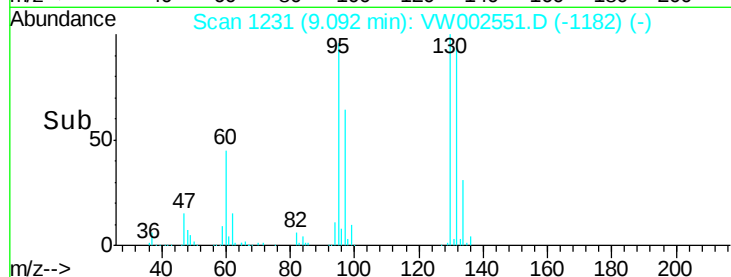
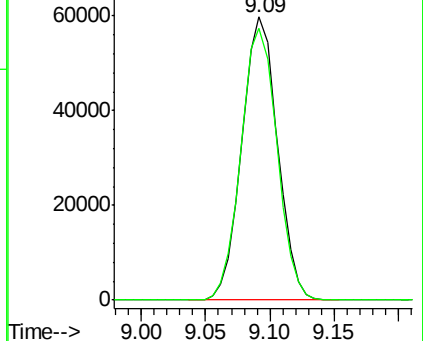
130 100

95 95.8 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 105.72 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW002551.D

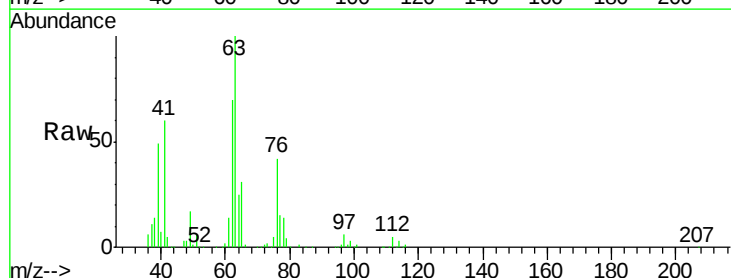
Acq: 15 May 2018 14:32

Tgt Ion: 63 Resp: 237545

Ion Ratio Lower Upper

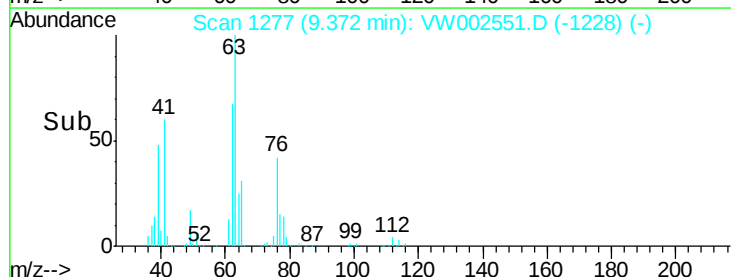
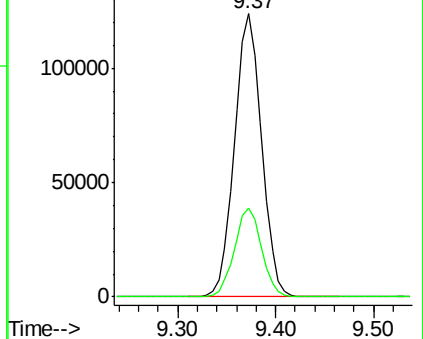
63 100

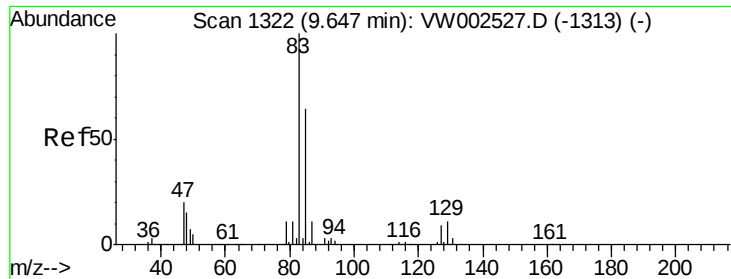
65 31.2 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#47

Bromodichloromethane

Concen: 183.87 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOIL

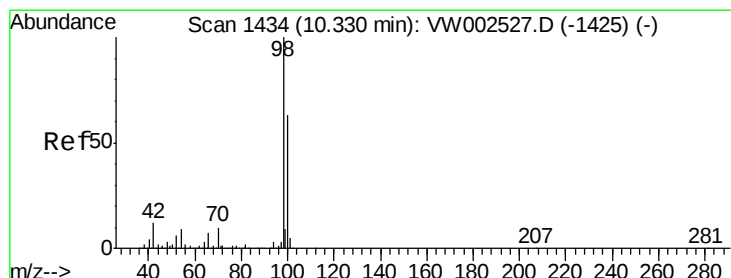
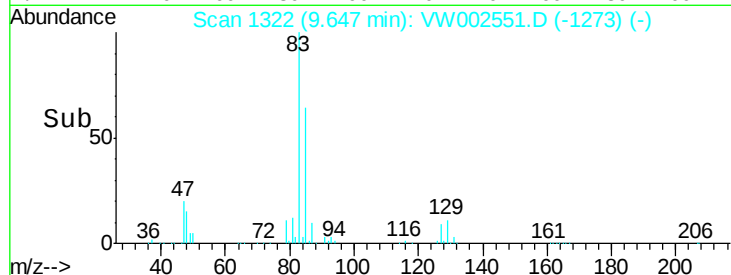
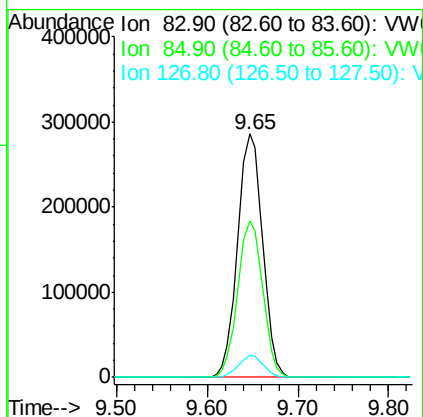
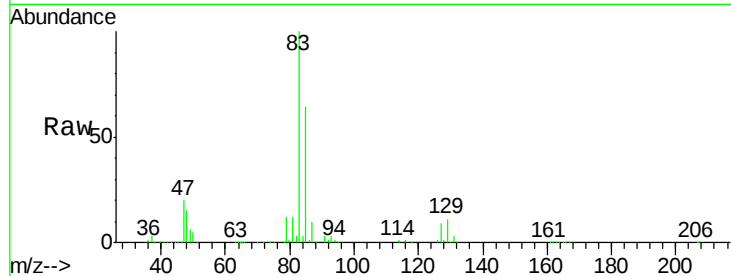
Tot Ion: 83 Resp: 548287

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.2

127 9.1 7.0 10.4



#50

Toluene-d8

Concen: 49.93 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002551.D

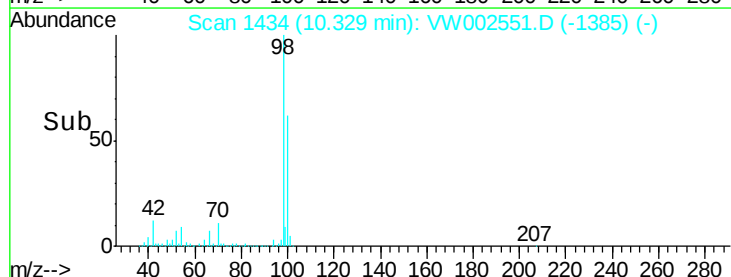
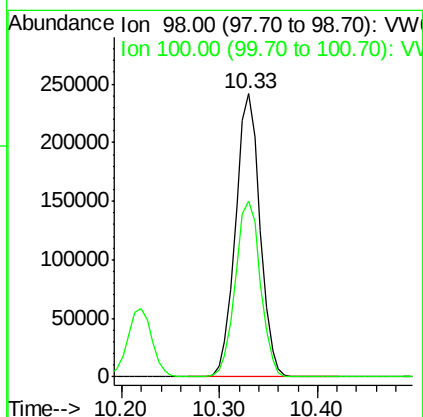
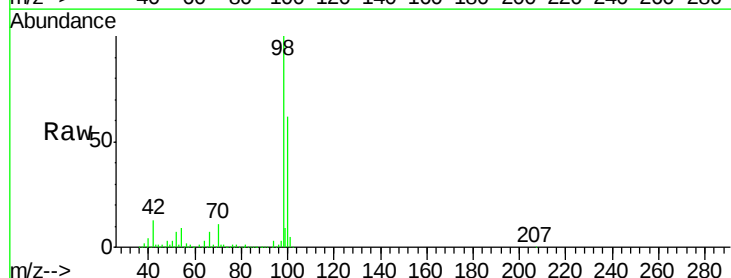
Acq: 15 May 2018 14:32

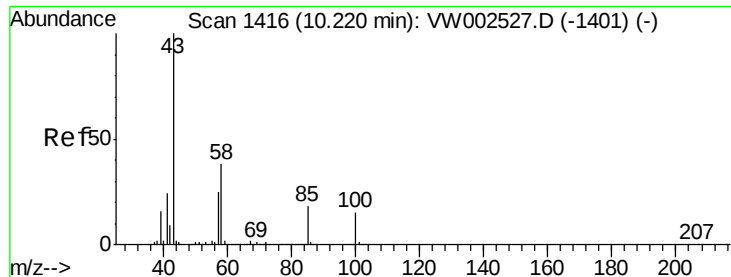
Tgt Ion: 98 Resp: 419381

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 421.04 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

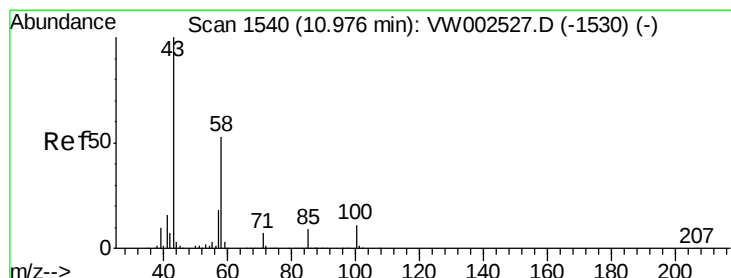
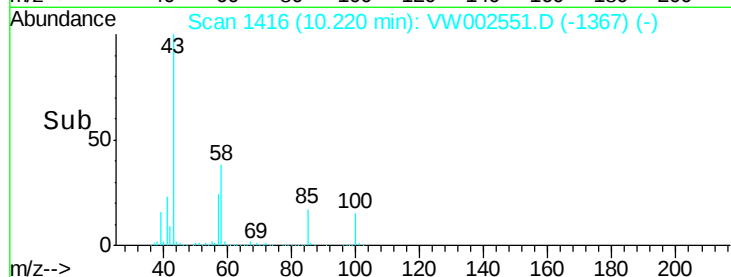
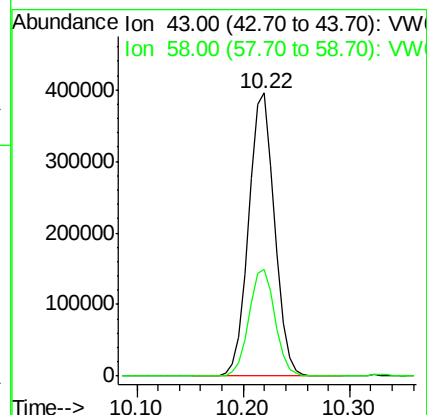
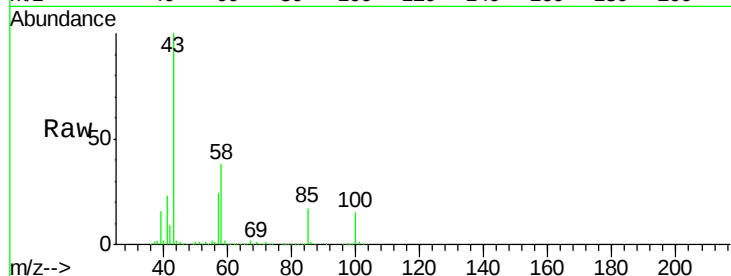
PT-VOA-SOIL

Tot Ion: 43 Resp: 677235

Ion Ratio Lower Upper

43 100

58 38.0 30.1 45.1



#59

2-Hexanone

Concen: 233.42 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW002551.D

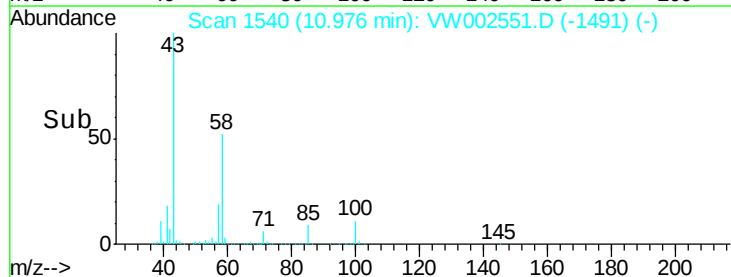
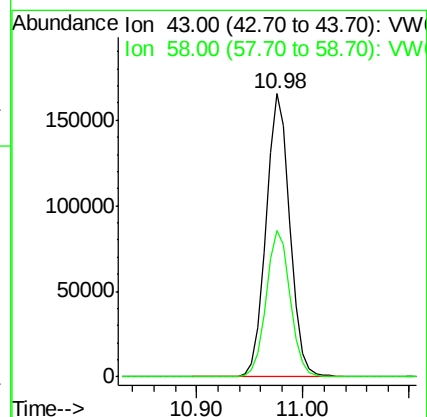
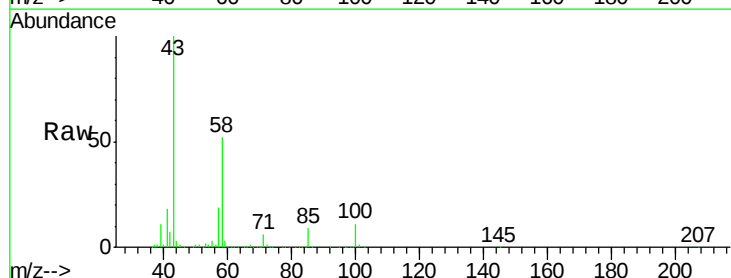
Acq: 15 May 2018 14:32

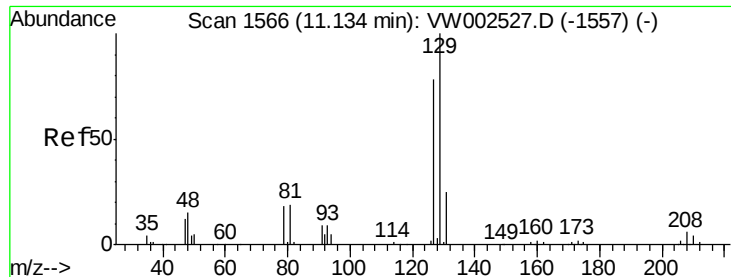
Tgt Ion: 43 Resp: 259206

Ion Ratio Lower Upper

43 100

58 52.3 26.3 78.8





#60

Dibromochloromethane

Concen: 204.68 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

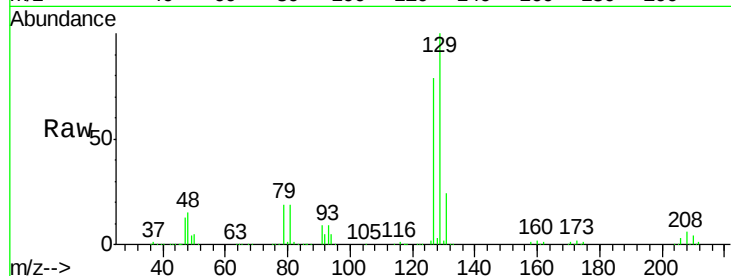
PT-VOA-SOIL

Tot Ion:129 Resp: 435061

Ion Ratio Lower Upper

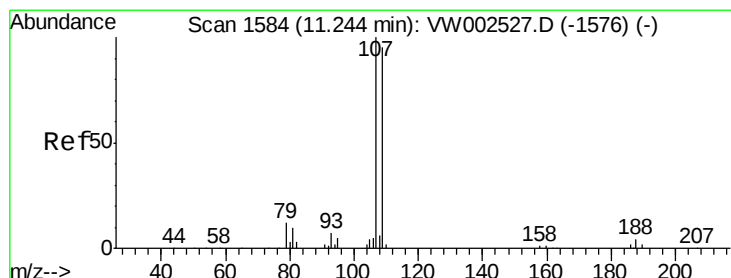
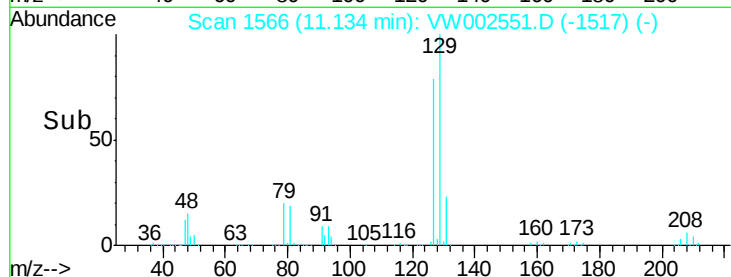
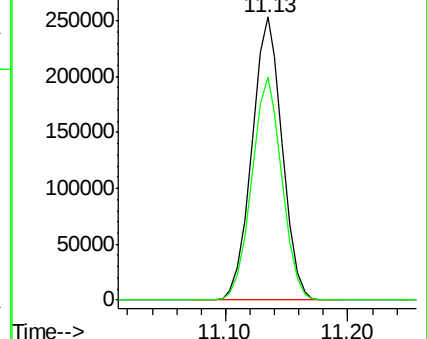
129 100

127 78.4 38.6 115.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 63.66 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VW002551.D

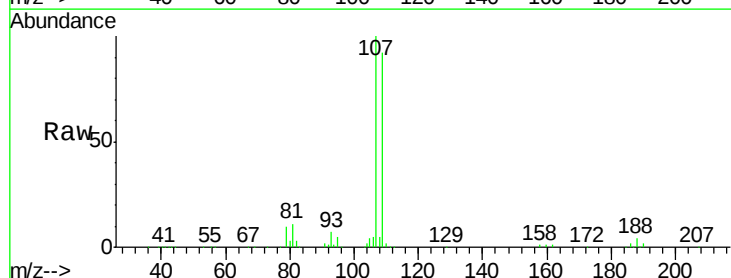
Acq: 15 May 2018 14:32

Tgt Ion:107 Resp: 110675

Ion Ratio Lower Upper

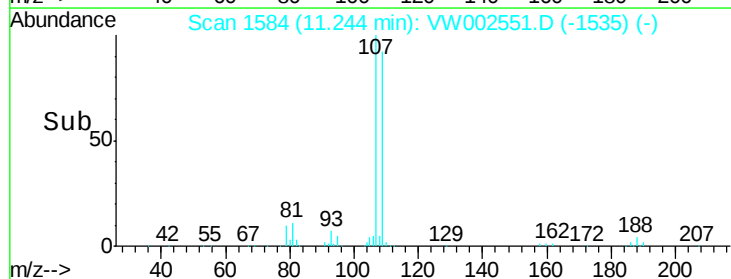
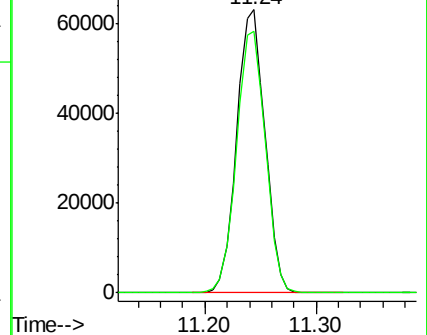
107 100

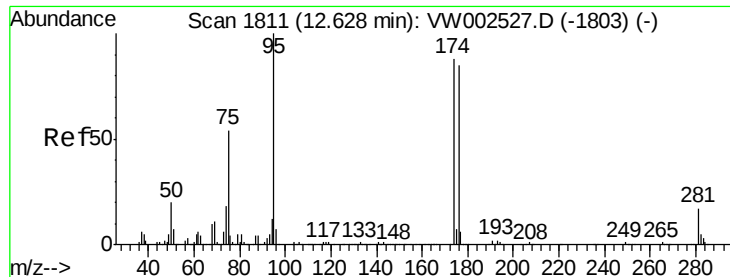
109 94.5 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

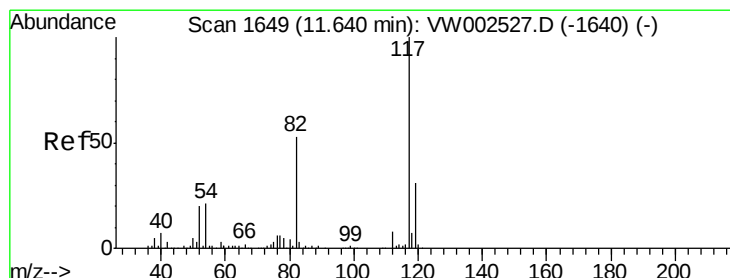
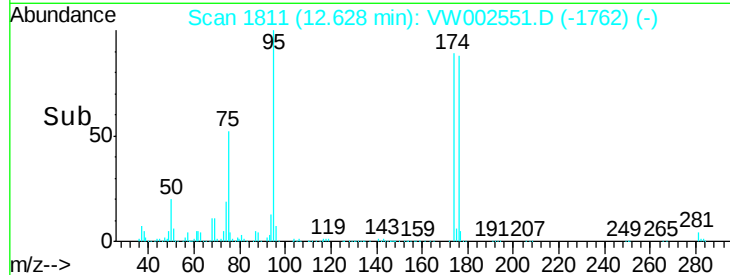
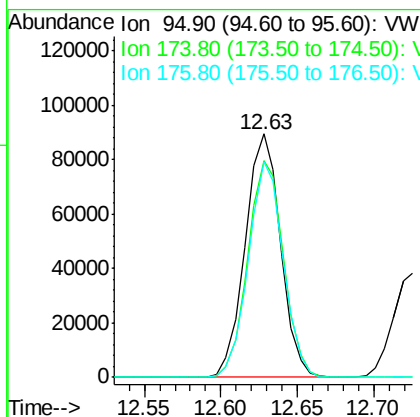
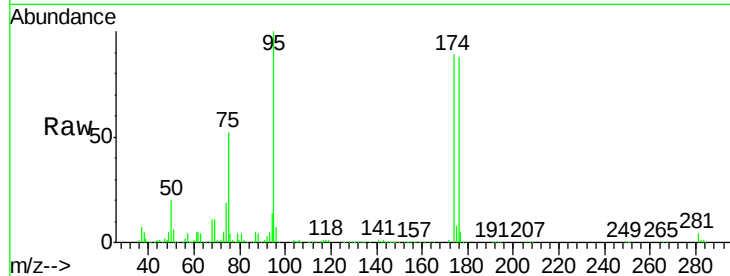




#62
4-Bromofluorobenzene
Concen: 46.76 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002551.D
Acq: 15 May 2018 14:32

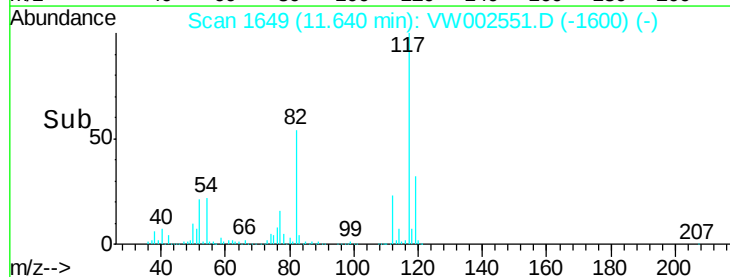
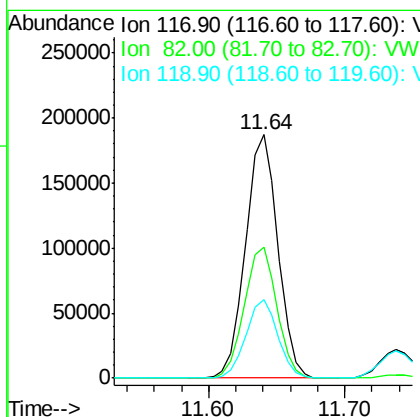
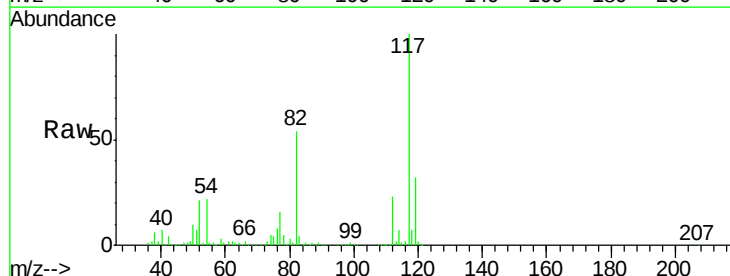
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOIL

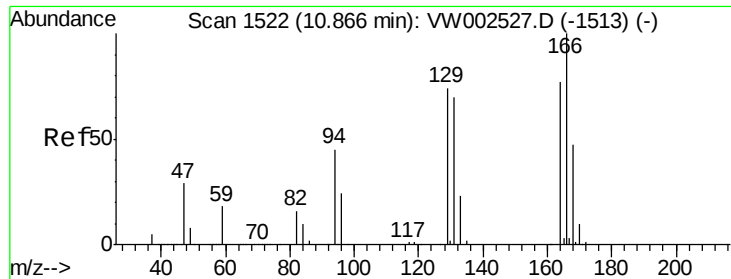
Tot Ion: 95 Resp: 143635
Ion Ratio Lower Upper
95 100
174 89.9 0.0 176.6
176 87.1 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002551.D
Acq: 15 May 2018 14:32

Tgt Ion: 117 Resp: 311559
Ion Ratio Lower Upper
117 100
82 53.8 42.6 64.0
119 32.2 25.0 37.6





#64

Tetrachloroethene

Concen: 54.57 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

PT-VOA-SOIL

Tot Ion:164 Resp: 119842

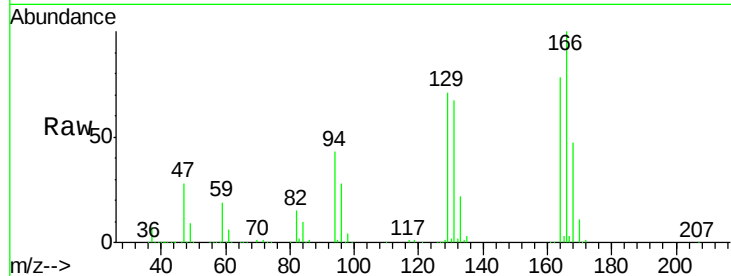
Ion Ratio Lower Upper

164 100

166 128.4 104.2 156.2

129 91.7 77.0 115.4

131 86.3 73.1 109.7

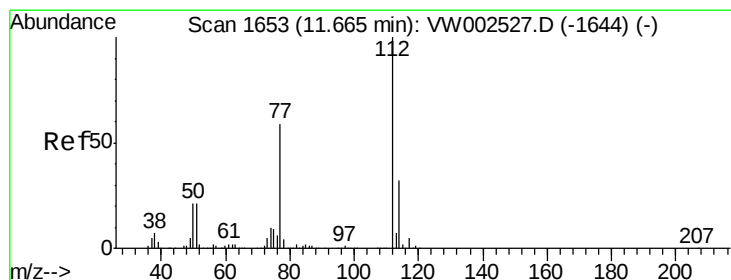
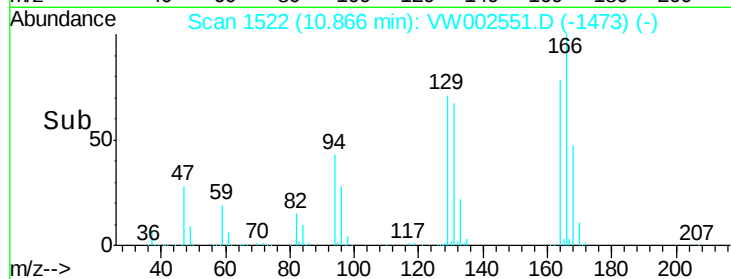
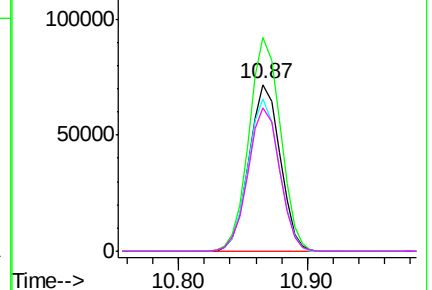


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 132.20 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002551.D

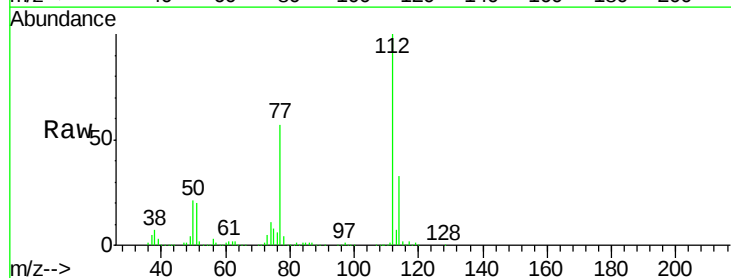
Acq: 15 May 2018 14:32

Tgt Ion:112 Resp: 820341

Ion Ratio Lower Upper

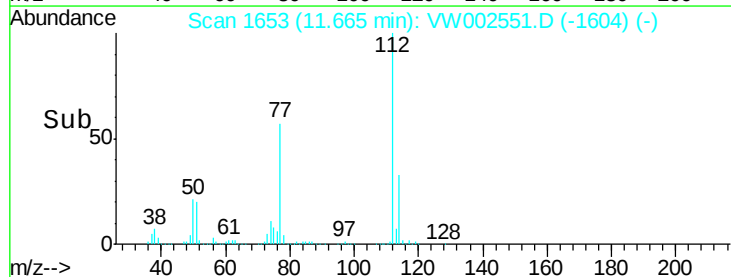
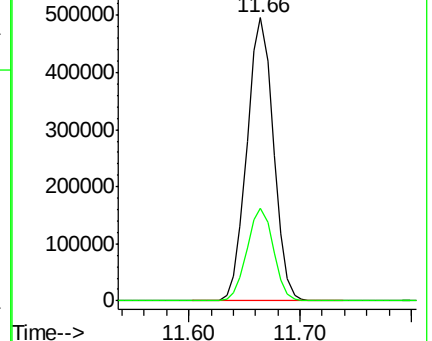
112 100

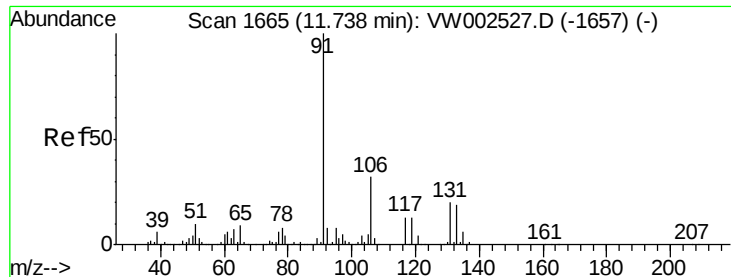
114 32.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 25.60 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

PT-VOA-SOIL

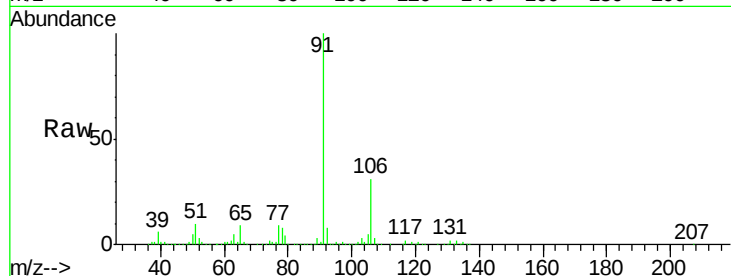
Tot Ion:131 Resp: 56862

Ion Ratio Lower Upper

131 100

133 95.0 48.4 145.3

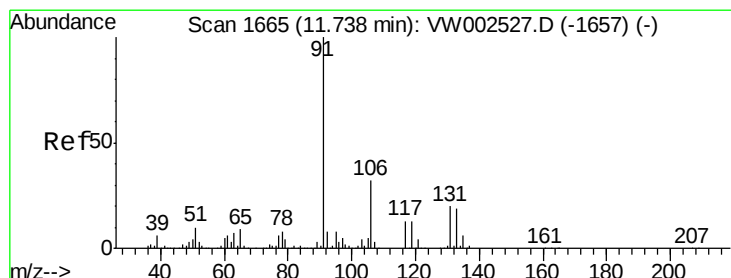
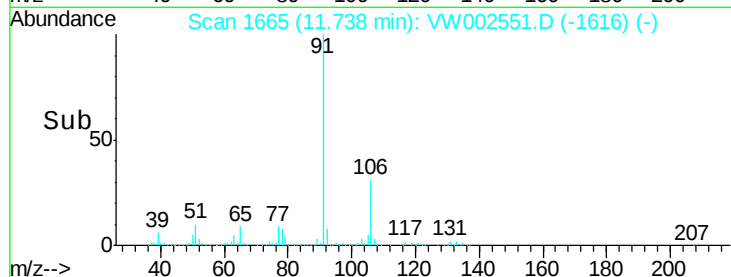
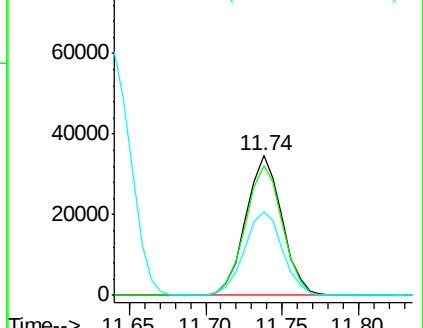
119 63.1 32.2 96.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 211.67 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002551.D

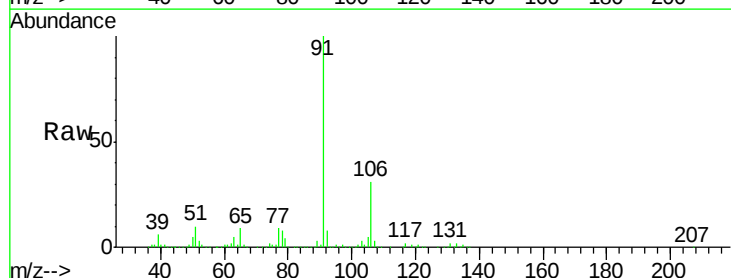
Acq: 15 May 2018 14:32

Tgt Ion: 91 Resp: 2232363

Ion Ratio Lower Upper

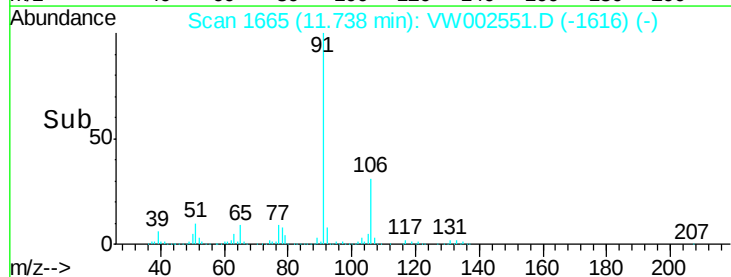
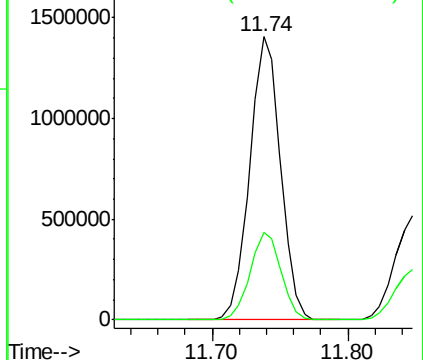
91 100

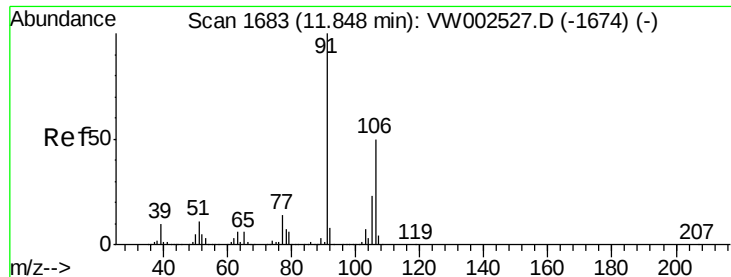
106 30.8 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

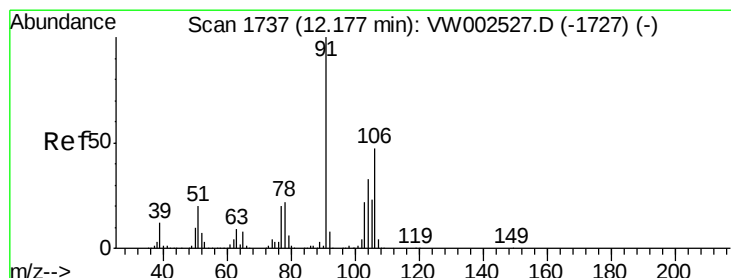
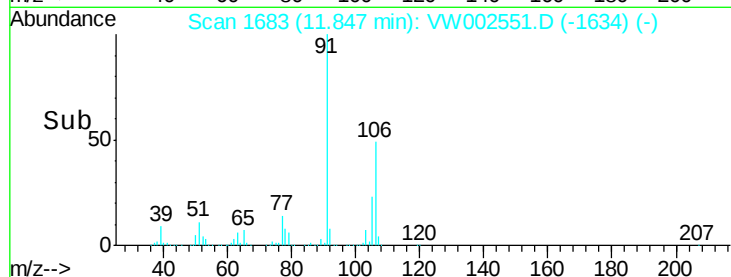
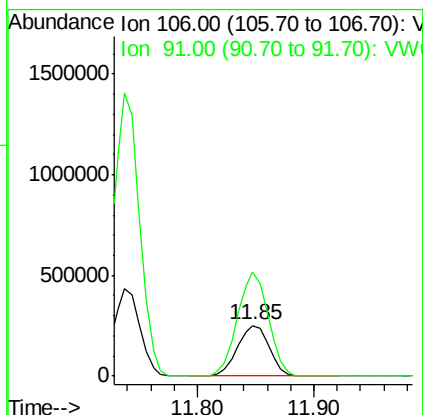
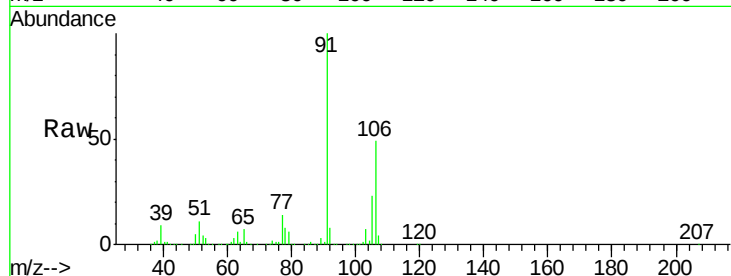




#68
m/p-Xylenes
Concen: 116.55 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002551.D
Acq: 15 May 2018 14:32

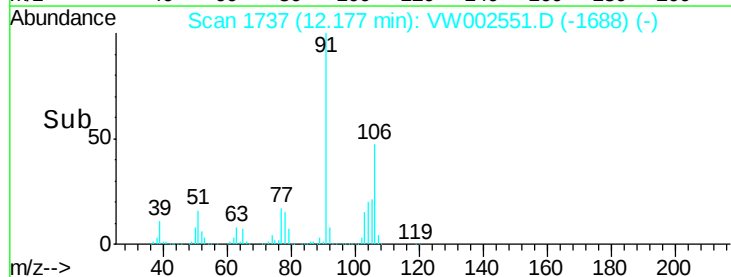
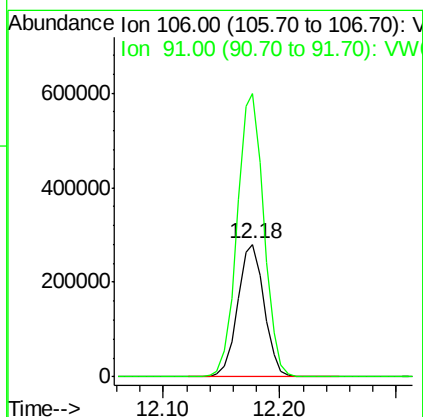
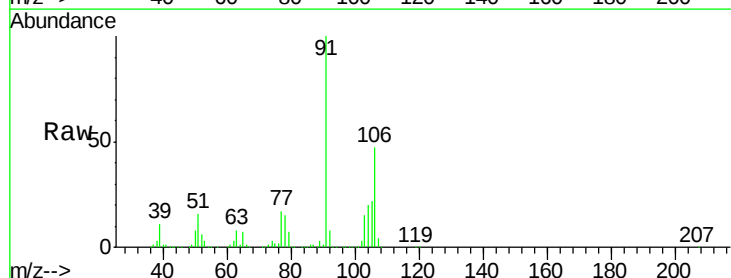
Instrument :
MSVOA_W
ClientSampled :
PT-VOA-SOIL

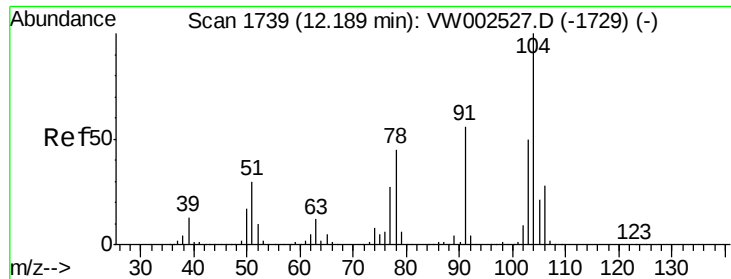
Tot Ion:106 Resp: 477898
Ion Ratio Lower Upper
106 100
91 200.6 161.4 242.2



#69
o-Xylene
Concen: 113.70 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002551.D
Acq: 15 May 2018 14:32

Tgt Ion:106 Resp: 443001
Ion Ratio Lower Upper
106 100
91 215.1 106.7 320.2

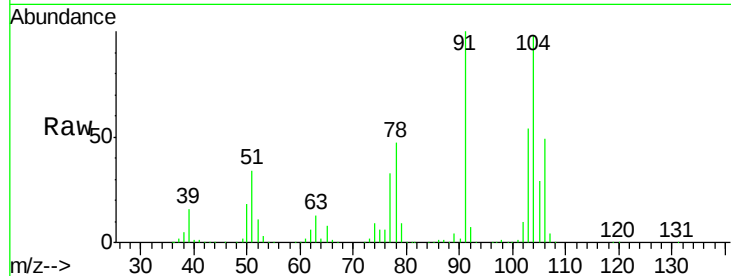




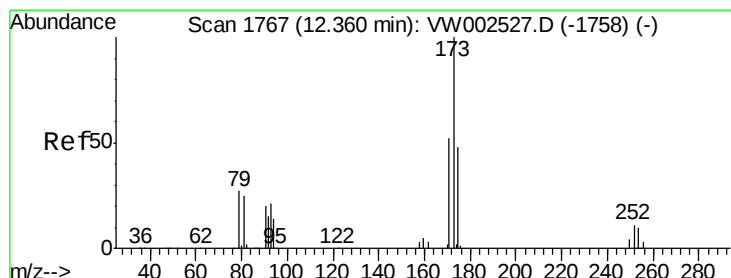
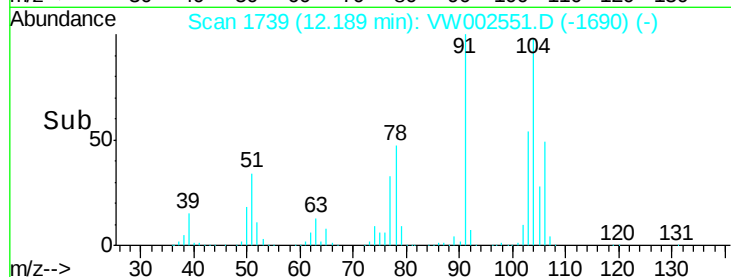
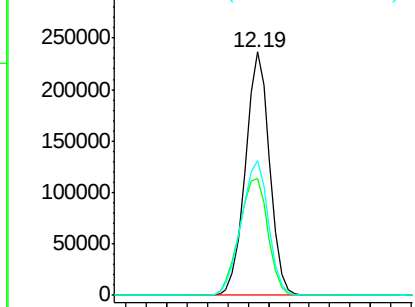
#70
Stvrene
Concen: 59.92 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002551.D
Acq: 15 May 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOIL

Tot Ion:104 Resp: 388528
Ion Ratio Lower Upper
104 100
78 57.0 40.1 60.1
103 62.2 44.6 66.8

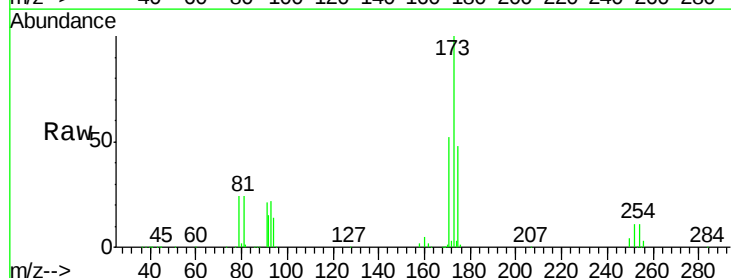


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

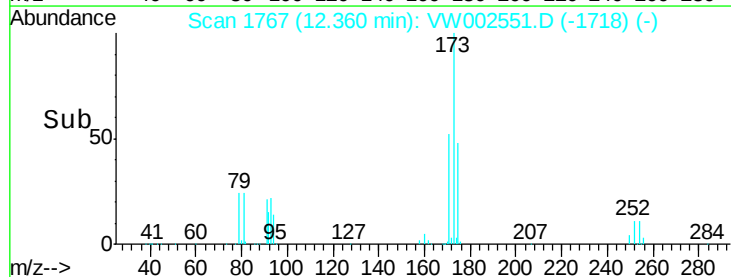
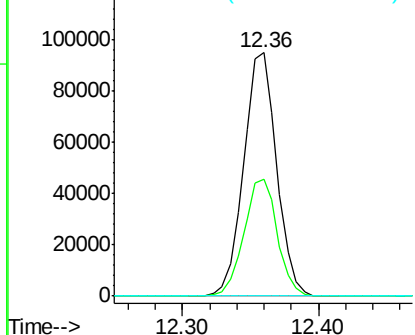


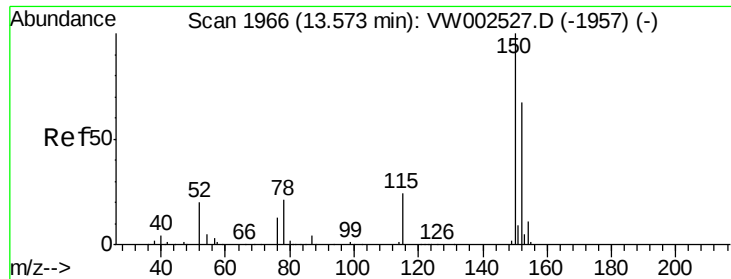
#71
Bromoform
Concen: 122.86 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VW002551.D
Acq: 15 May 2018 14:32

Tgt Ion:173 Resp: 160352
Ion Ratio Lower Upper
173 100
175 48.7 24.5 73.5
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

PT-VOA-SOIL

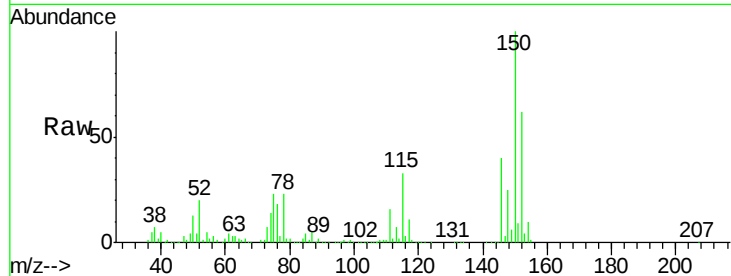
Tot Ion:152 Resp: 164485

Ion Ratio Lower Upper

152 100

115 55.8 28.0 84.0

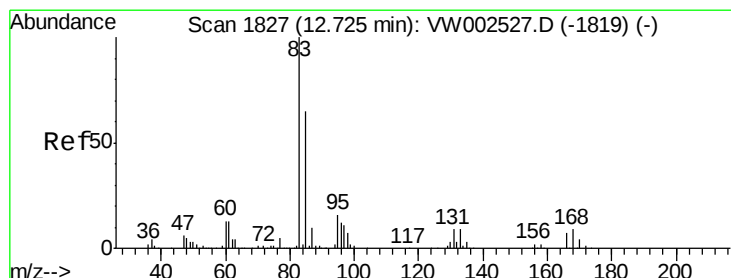
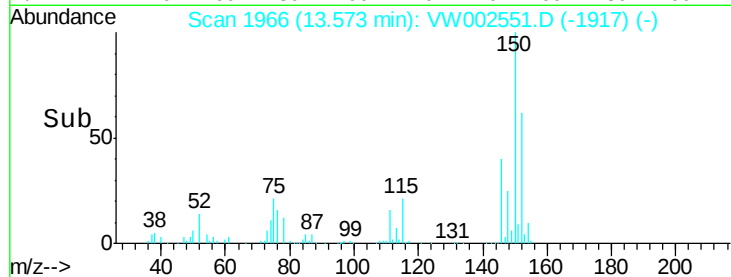
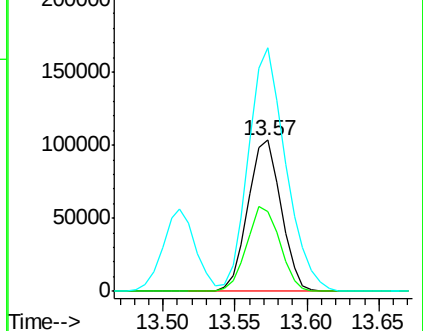
150 181.8 0.0 345.4



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



#75

1,1,2,2-Tetrachloroethane

Concen: 185.01 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

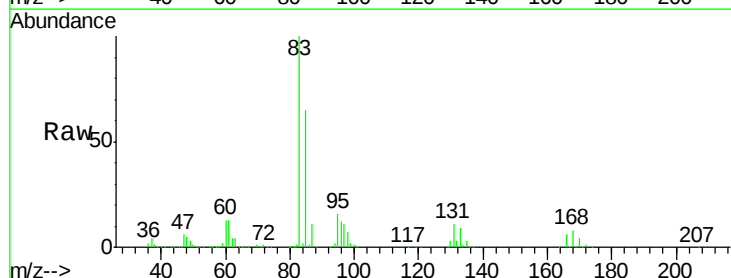
Tgt Ion: 83 Resp: 380075

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

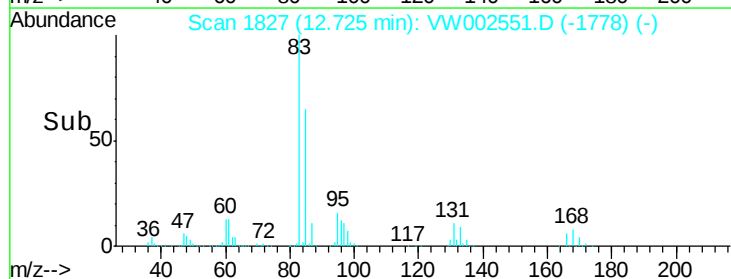
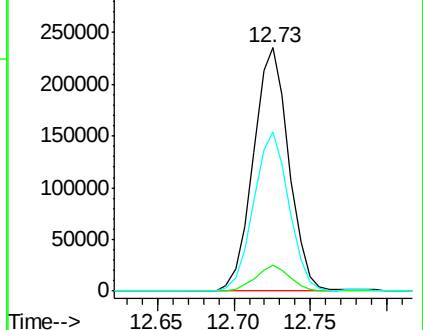
85 64.9 31.6 94.8

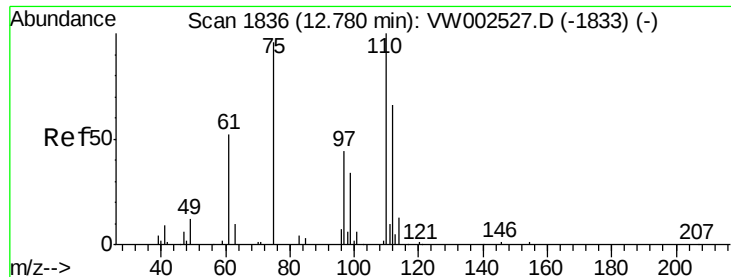


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 85.73 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

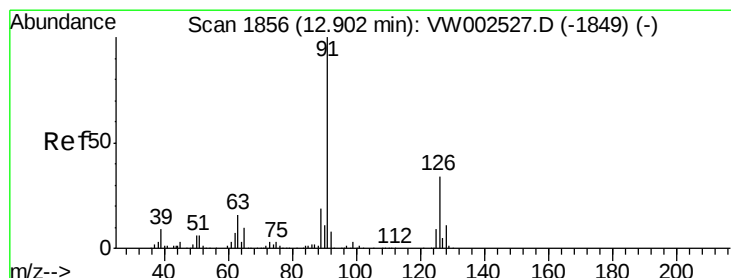
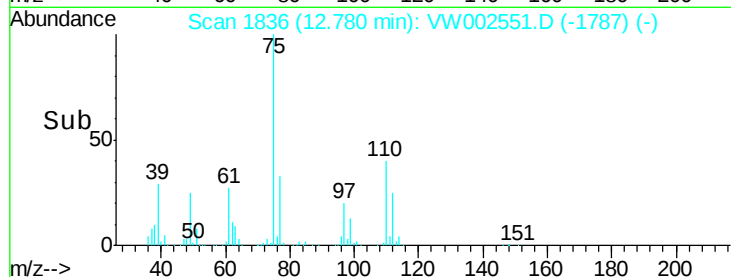
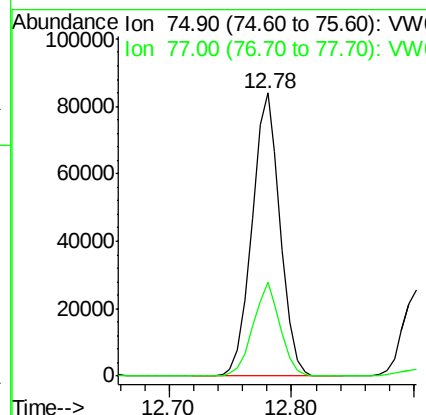
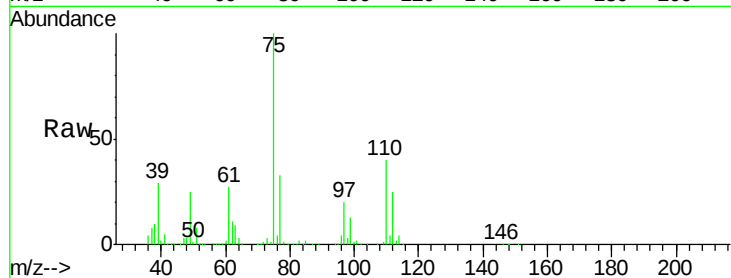
PT-VOA-SOIL

Tot Ion: 75 Resp: 133291

Ion Ratio Lower Upper

75 100

77 32.3 0.0 0.0#



#79

2-Chlorotoluene

Concen: 201.93 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002551.D

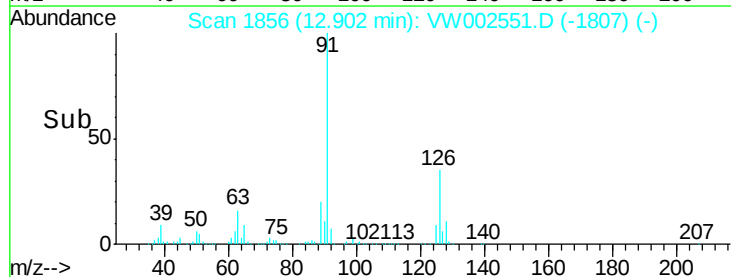
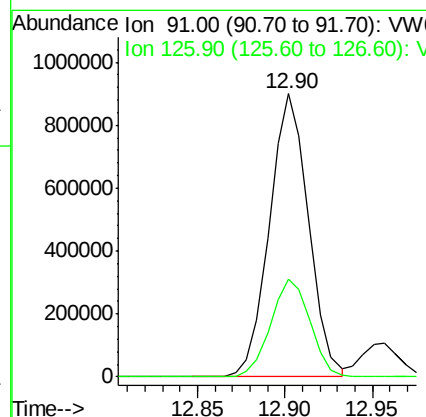
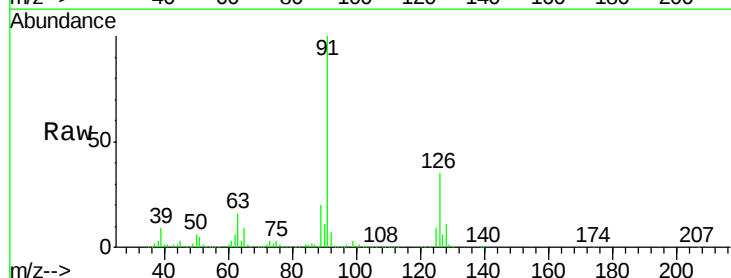
Acq: 15 May 2018 14:32

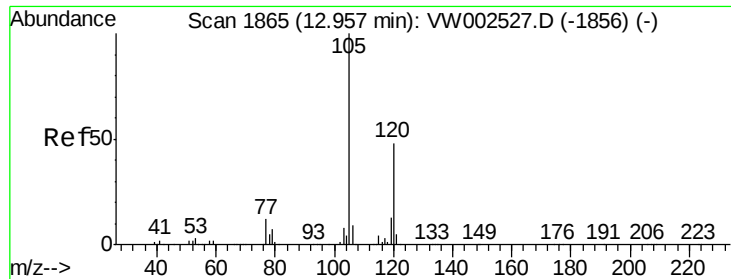
Tgt Ion: 91 Resp: 1404179

Ion Ratio Lower Upper

91 100

126 34.8 17.6 52.8





#80

1,3,5-Trimethylbenzene

Concen: 177.17 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

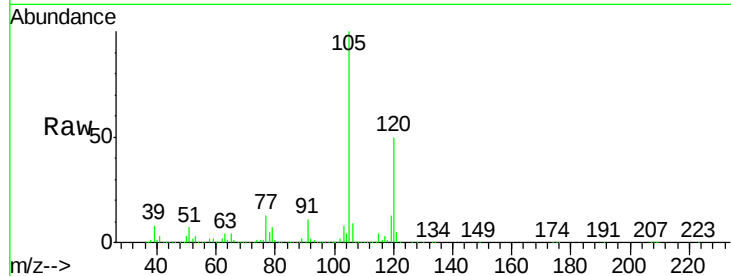
PT-VOA-SOIL

Tot Ion:105 Resp: 1533000

Ion Ratio Lower Upper

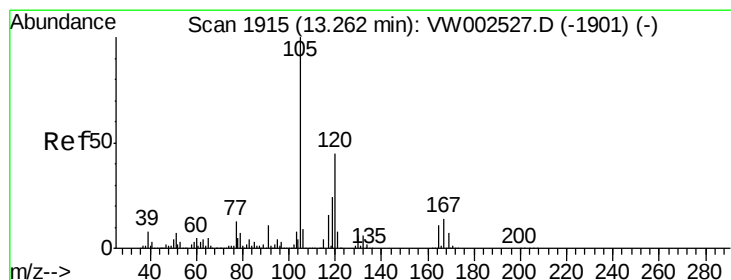
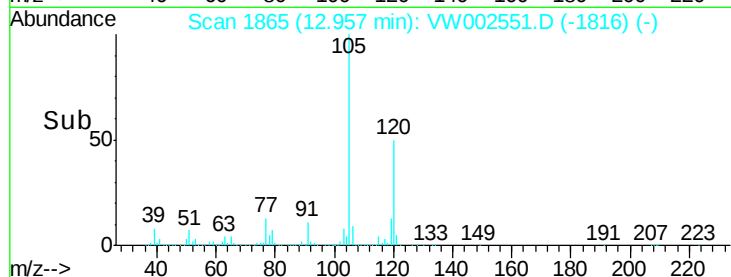
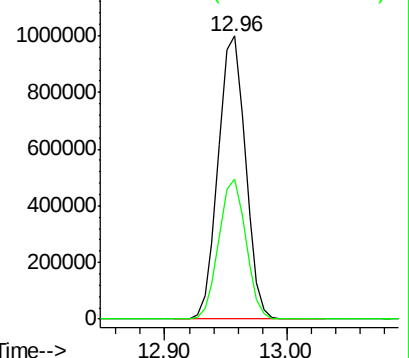
105 100

120 49.2 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 137.85 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW002551.D

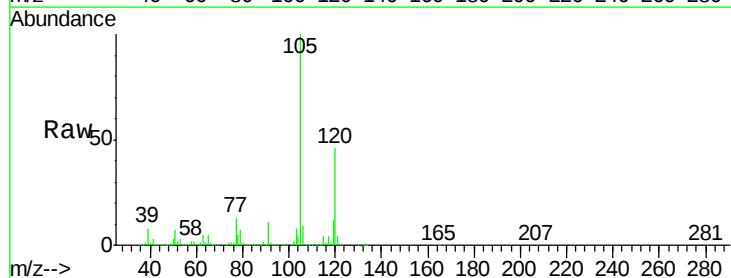
Acq: 15 May 2018 14:32

Tgt Ion:105 Resp: 1238255

Ion Ratio Lower Upper

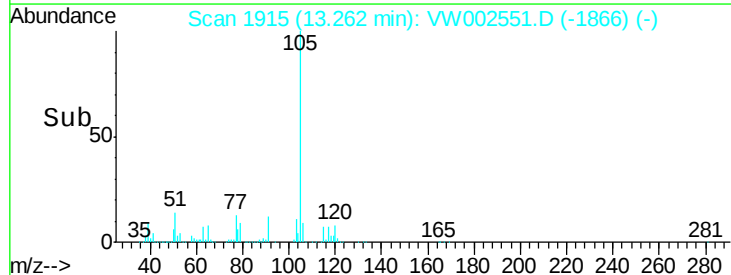
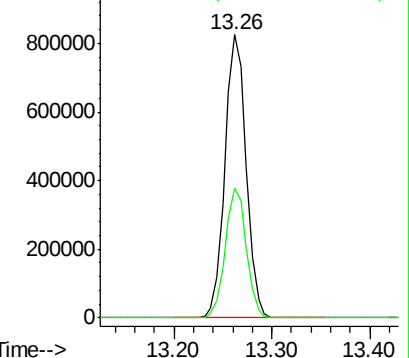
105 100

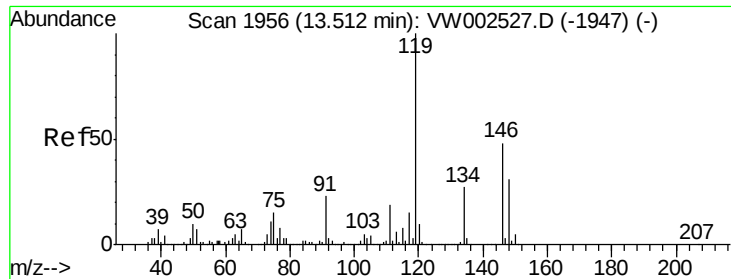
120 45.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#87

1,3-Dichlorobenzene

Concen: 163.19 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOIL

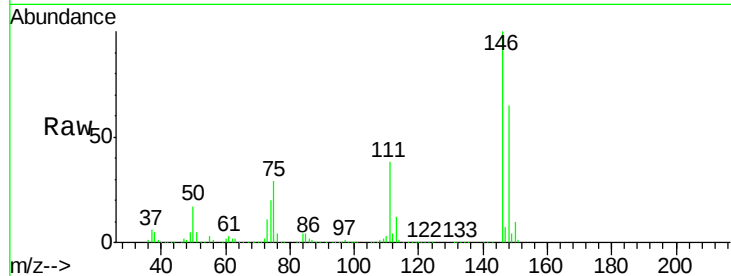
Tot Ion:146 Resp: 853872

Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.7

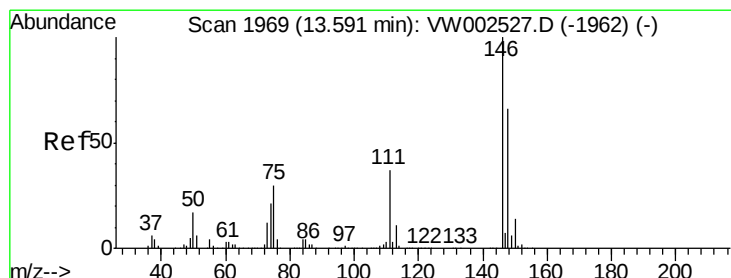
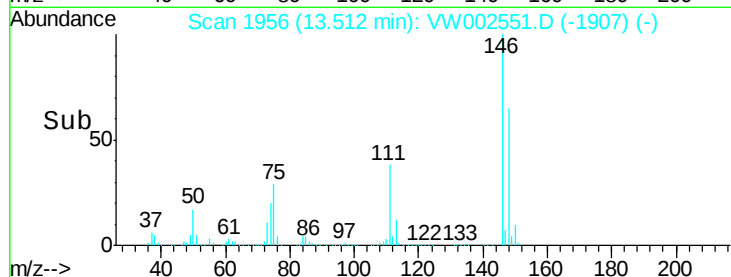
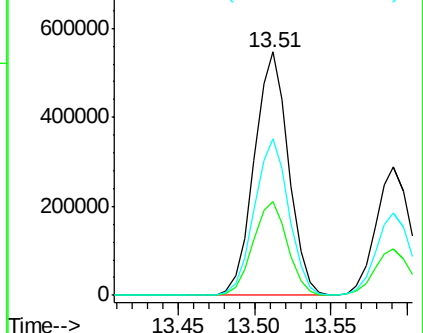
148 64.3 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 86.01 ug/l

RT: 13.59 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

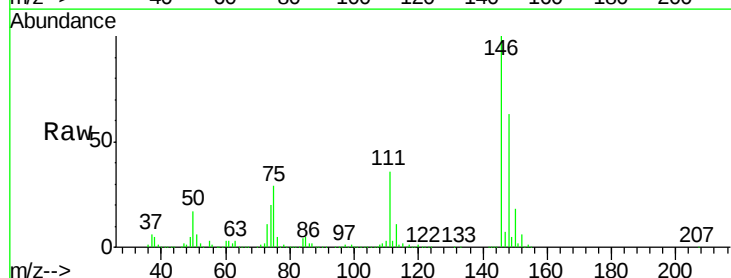
Tgt Ion:146 Resp: 447745

Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.5

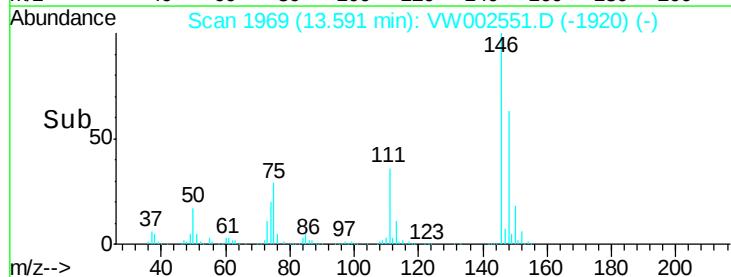
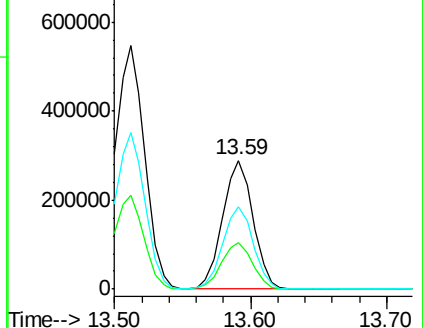
148 64.0 32.4 97.0

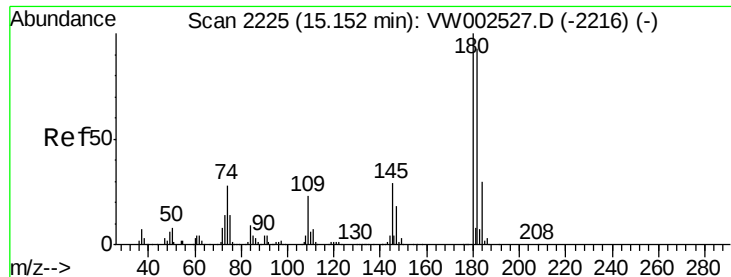


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2,4-Trichlorobenzene

Concen: 74.31 ug/l

RT: 15.15 min Scan# 2225

Delta R.T. -0.00 min

Lab File: VW002551.D

Acq: 15 May 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOIL

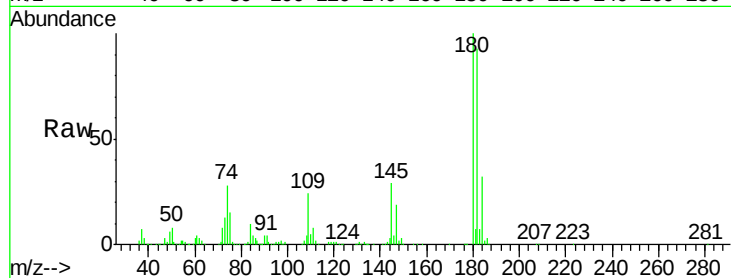
Tot Ion:180 Resp: 256826

Ion Ratio Lower Upper

180 100

182 94.8 47.2 141.6

145 29.2 14.9 44.9



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

