

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010354.D
 Acq On : 10 May 2019 14:14
 Operator : SY/VA
 Sample : K2551-22DL 4X
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOILDL

Quant Time: May 10 23:51:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1410490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2427575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	2131383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1061249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	804278	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	7.88	113	687188	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.32	98	2812615	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.62	95	975680	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	

Target Compounds

						Qvalue
16) Acetone	4.12	43	486267	124.391	ug/l	94
19) Methyl tert-butyl Ether	5.42	73	144730	7.905	ug/l	98
20) Methylene Chloride	4.92	84	567809	34.824	ug/l	93
22) Diisopropyl ether	6.31	45	1323663	29.707	ug/l	92
24) 1,1-Dichloroethane	6.21	63	1255223	41.842	ug/l	99
25) 2-Butanone	7.17	43	461144	77.110	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	261812	15.377	ug/l	89
38) Carbon Tetrachloride	8.06	117	727091	32.225	ug/l	100
40) Benzene	8.32	78	595233	8.257	ug/l	99
42) 1,2-Dichloroethane	8.40	62	616386	29.873	ug/l	98
44) Trichloroethene	9.09	130	477438	26.456	ug/l	99
45) 1,2-Dichloropropane	9.37	63	800396	44.669	ug/l	98
46) Dibromomethane	9.46	93	268299	28.984	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	647947	48.617	ug/l	96
52) Toluene	10.38	92	2040125	46.303	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	269613	11.987	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	341657	12.826	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	299679	22.793	ug/l	98
59) 2-Hexanone	10.97	43	202319	21.471	ug/l	96
61) 1,2-Dibromoethane	11.24	107	268695	21.289	ug/l	98
64) Tetrachloroethene	10.86	164	354668	23.808	ug/l	99
65) Chlorobenzene	11.66	112	1326286	30.061	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	602275	40.388	ug/l	98
67) Ethyl Benzene	11.73	91	2685023	33.081	ug/l	100
68) m/p-Xylenes	11.84	106	558169	18.509	ug/l	99
69) o-Xylene	12.16	106	511155	18.738	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	541252	31.756	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	360834	29.162	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.94	105	843466	12.934	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1554441	23.987	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	1574481	45.143	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	532719	15.391	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	979366	31.721	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	108018	35.194	ug/l	97

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Quant Time: May 10 23:51:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
Response via : Initial Calibration

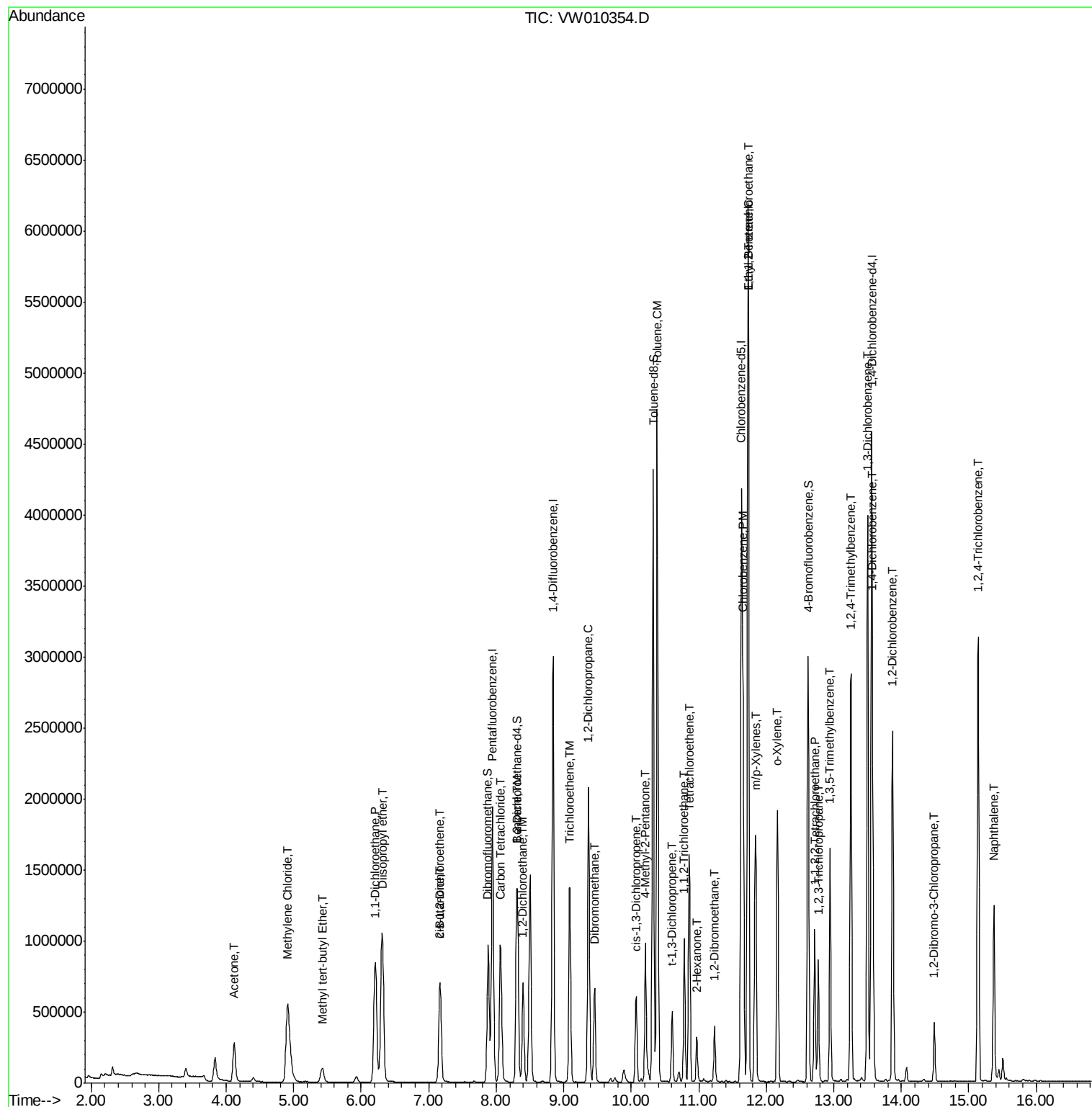
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	981968	46.603	ug/l	99
95) Naphthalene	15.37	128	1034602	23.542	ug/l	100

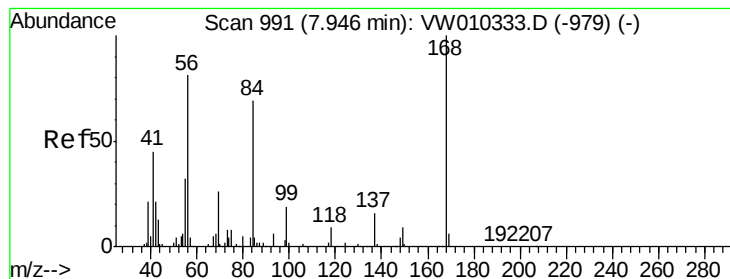
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

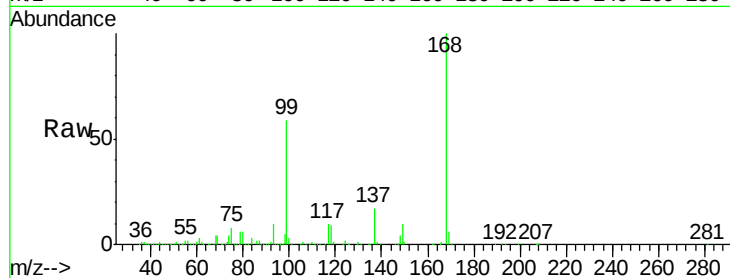
PT-VOA-SOILD

Tot Ion:168 Resp: 1410490

Ion Ratio Lower Upper

168 100

99 58.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

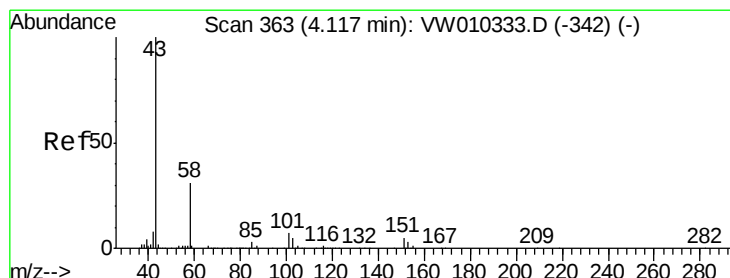
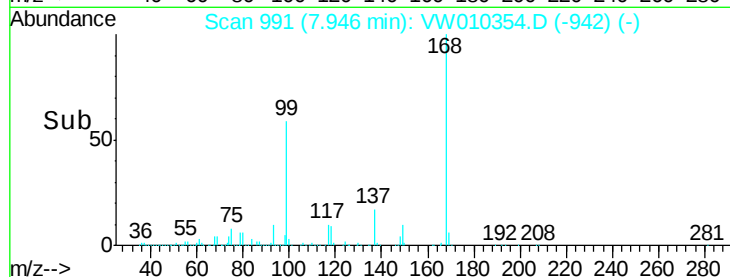
600000

400000

200000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 124.391 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010354.D

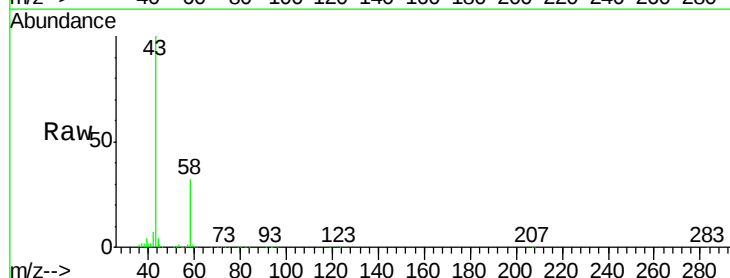
Acq: 10 May 2019 14:14

Tgt Ion: 43 Resp: 486267

Ion Ratio Lower Upper

43 100

58 31.6 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

200000

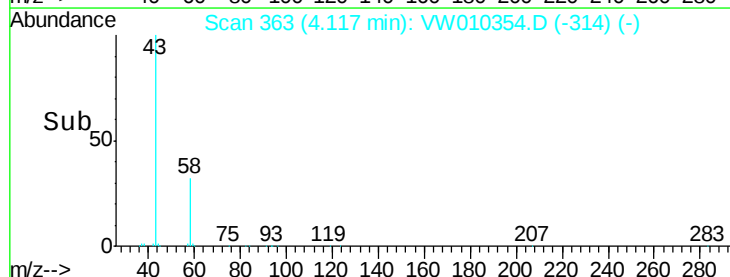
150000

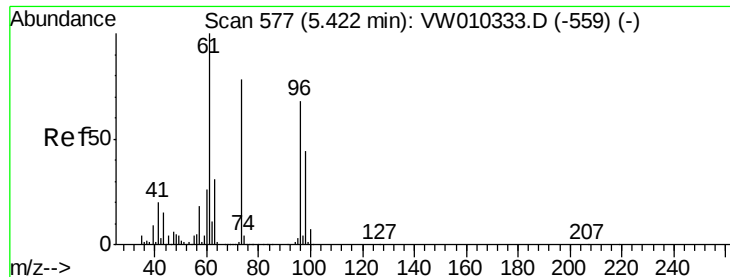
100000

50000

0

Time--> 4.00 4.10 4.20



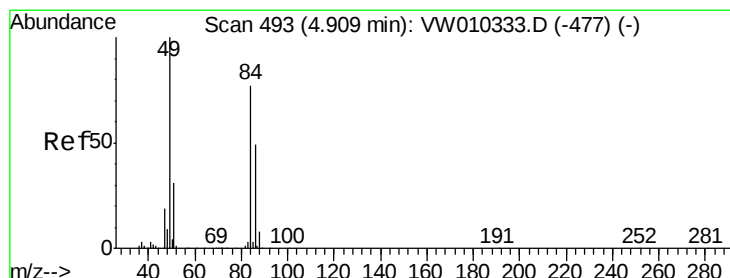
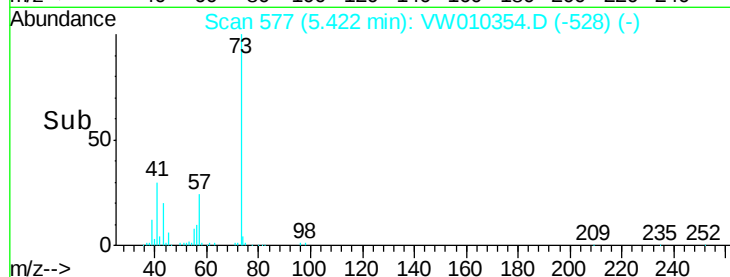
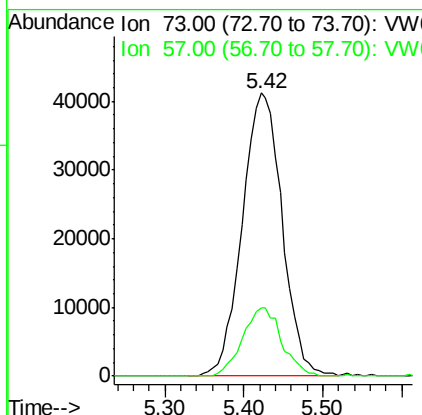
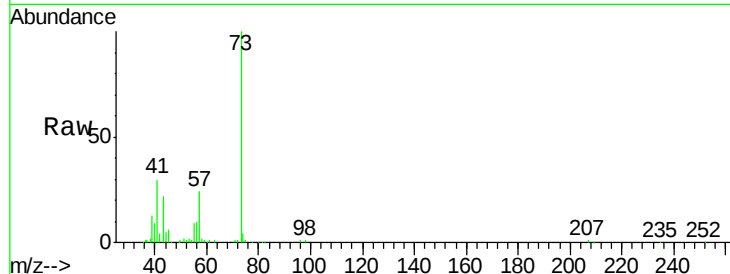


#19

Methyl tert-butyl Ether
 Concen: 7.905 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW010354.D
 Acq: 10 May 2019 14:14

Instrument :
 MSVOA_W
 ClientSampleID :
 PT-VOA-SOILDL

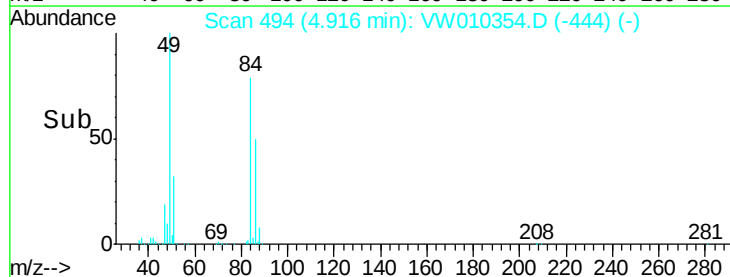
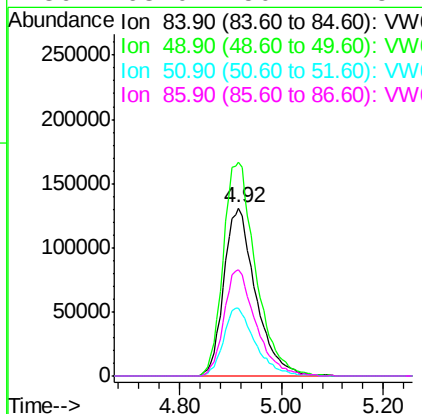
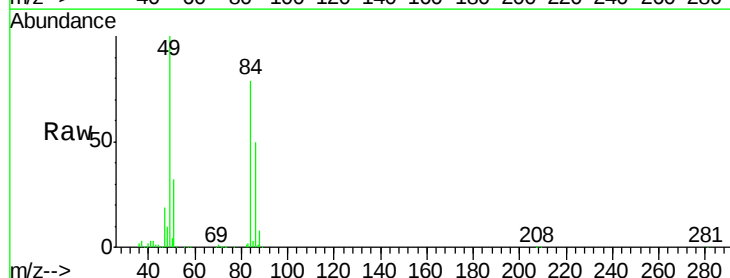
Tot Ion: 73 Resp: 144730
 Ion Ratio Lower Upper
 73 100
 57 24.0 18.5 27.7

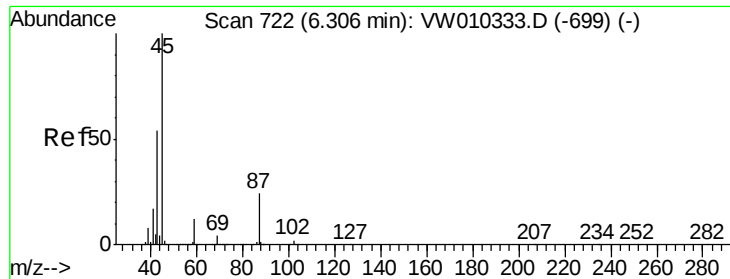


#20

Methylene Chloride
 Concen: 34.824 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW010354.D
 Acq: 10 May 2019 14:14

Tgt Ion: 84 Resp: 567809
 Ion Ratio Lower Upper
 84 100
 49 126.9 112.3 168.5
 51 40.3 33.9 50.9
 86 63.0 50.2 75.4



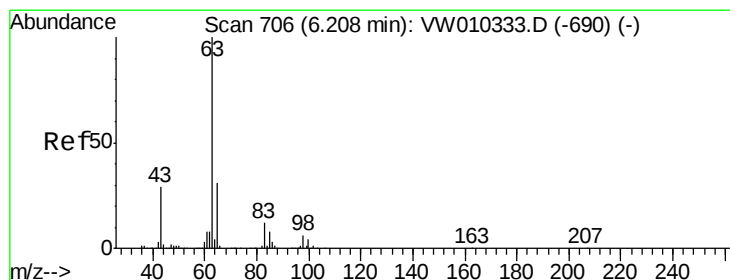
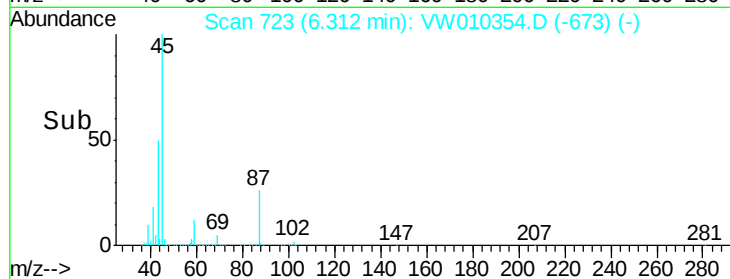
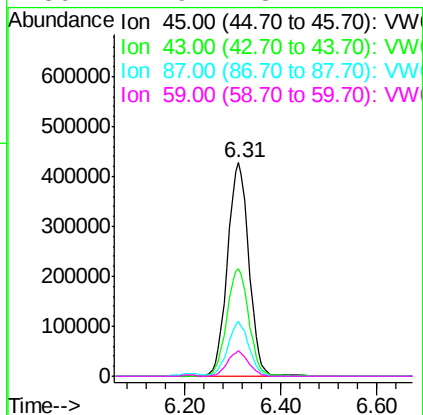
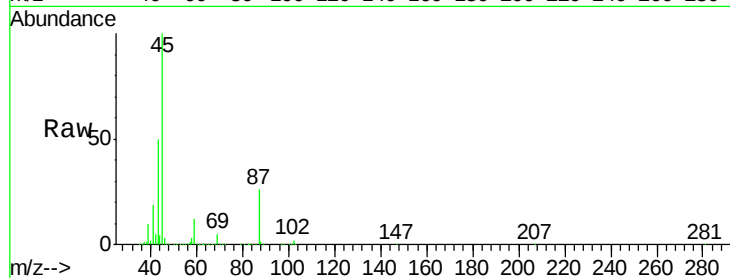


#22
Diisopropyl ether
Concen: 29.707 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.01 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILDL

Tot Ion: 45 Resp: 1323663

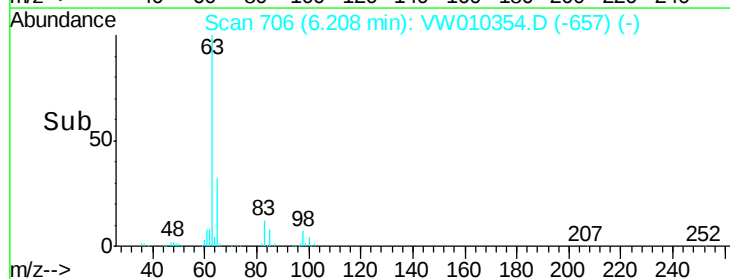
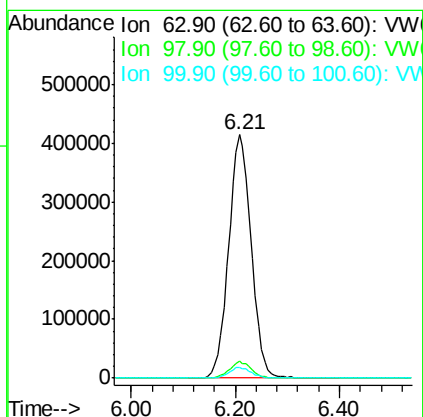
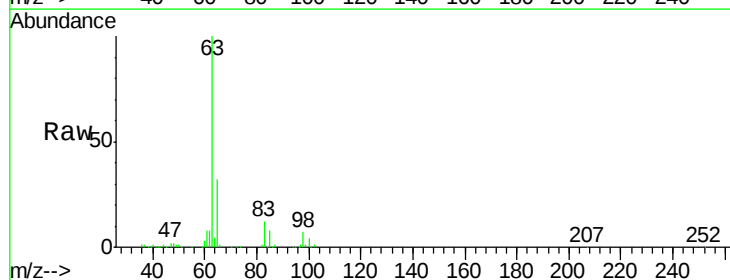
Ion	Ratio	Lower	Upper
45	100		
43	50.4	46.1	69.1
87	25.7	18.3	27.5
59	11.9	8.2	12.4

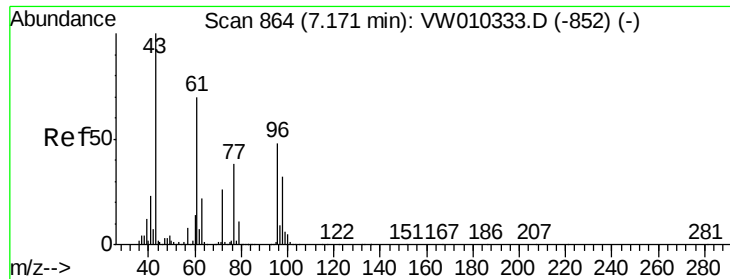


#24
1,1-Dichloroethane
Concen: 41.842 ug/l
RT: 6.21 min Scan# 706
Delta R.T. 0.00 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

Tgt Ion: 63 Resp: 1255223

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.3	9.8
100	4.2	2.0	6.0





#25

2-Butanone

Concen: 77.110 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

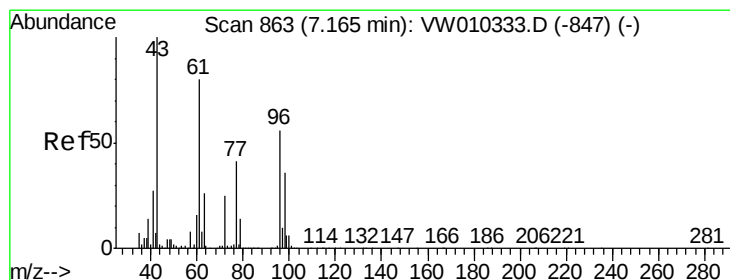
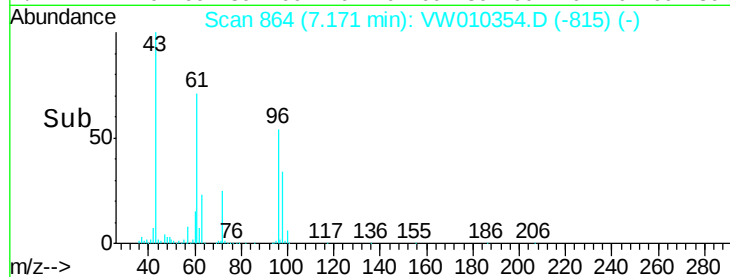
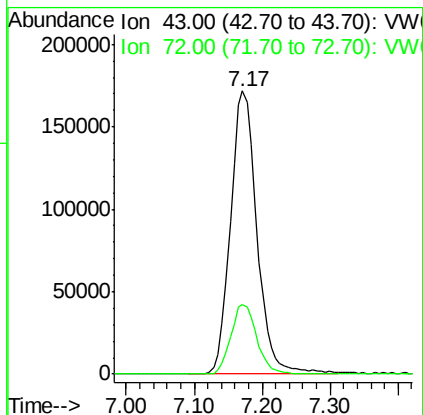
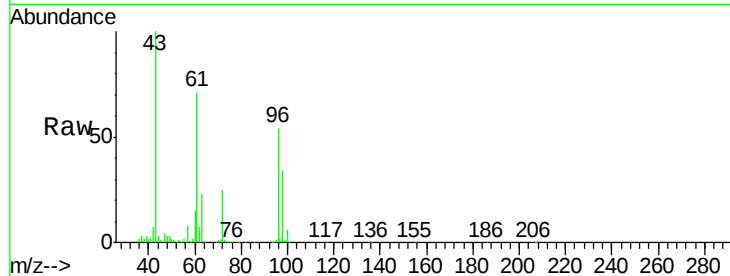
PT-VOA-SOILD

Tot Ion: 43 Resp: 461144

Ion Ratio Lower Upper

43 100

72 24.6 19.1 28.7



#27

cis-1,2-Dichloroethene

Concen: 15.377 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

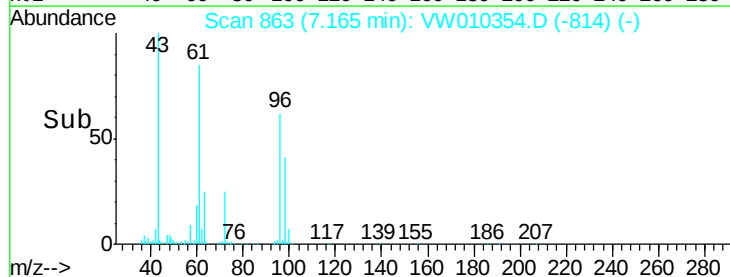
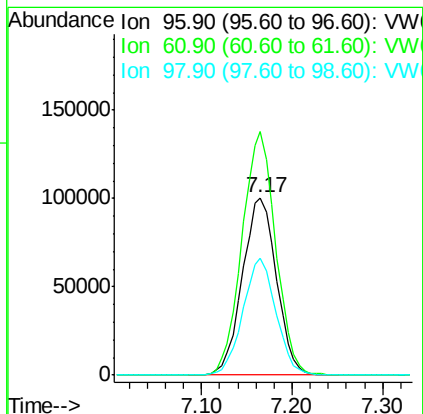
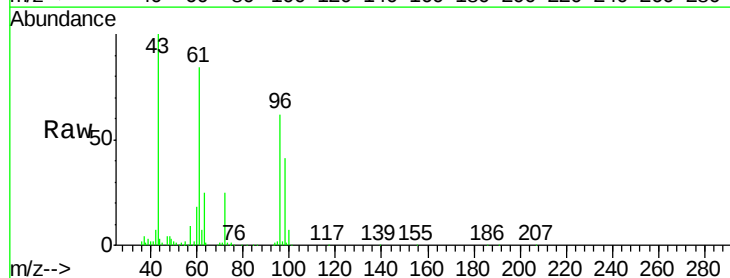
Tgt Ion: 96 Resp: 261812

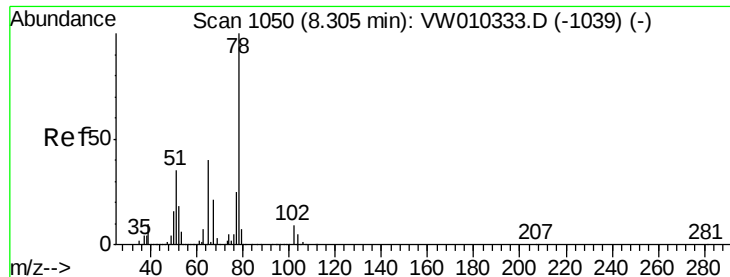
Ion Ratio Lower Upper

96 100

61 135.6 0.0 309.4

98 63.9 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 53.635 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :

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ClientSampleId :

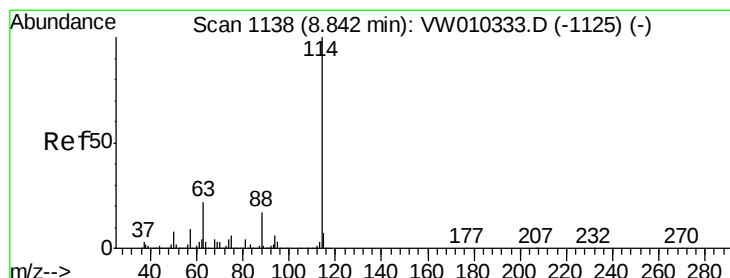
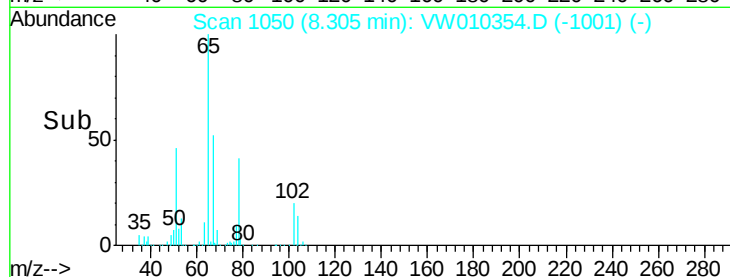
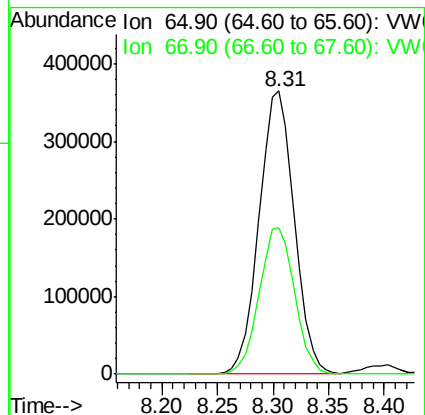
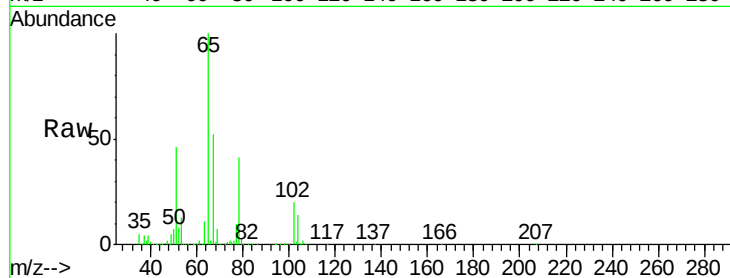
PT-VOA-SOILD

Tot Ion: 65 Resp: 804278

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

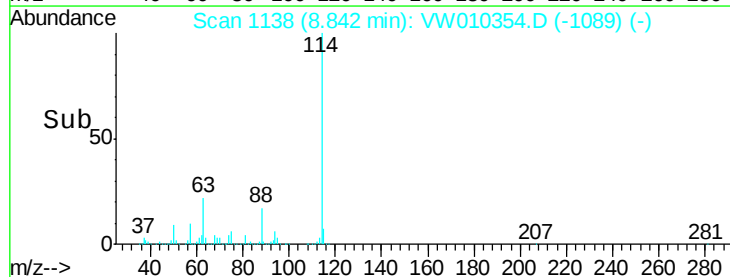
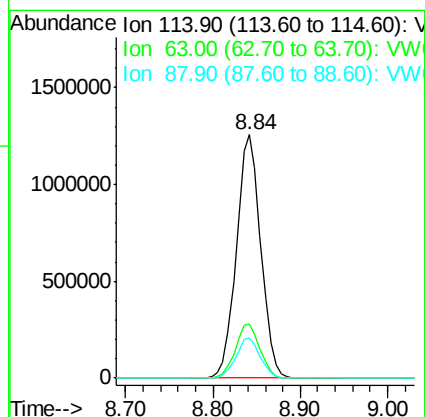
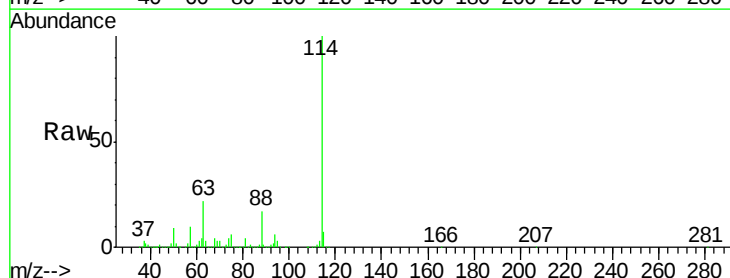
Tgt Ion: 114 Resp: 2427575

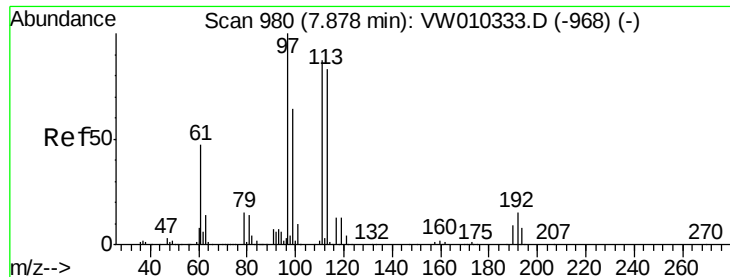
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.2

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.374 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOILDL

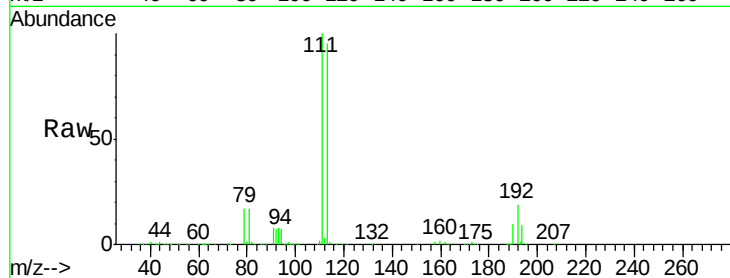
Tot Ion:113 Resp: 687188

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

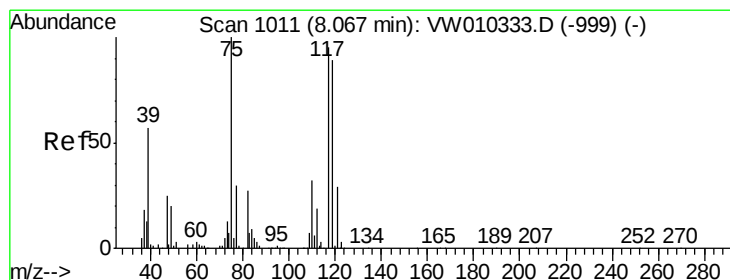
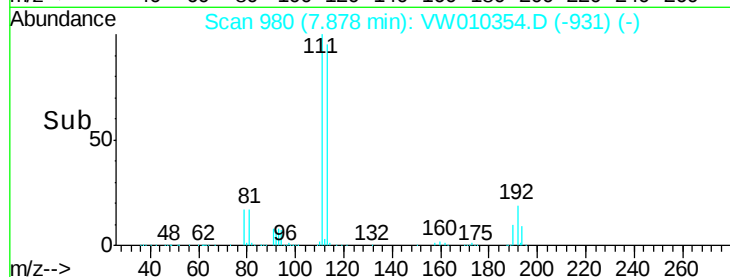
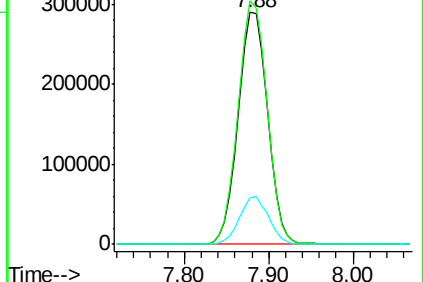
192 20.0 15.4 23.2



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: 32.225 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

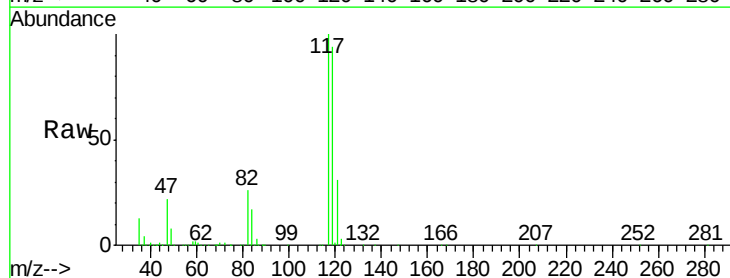
Tgt Ion:117 Resp: 727091

Ion Ratio Lower Upper

117 100

119 93.9 75.3 112.9

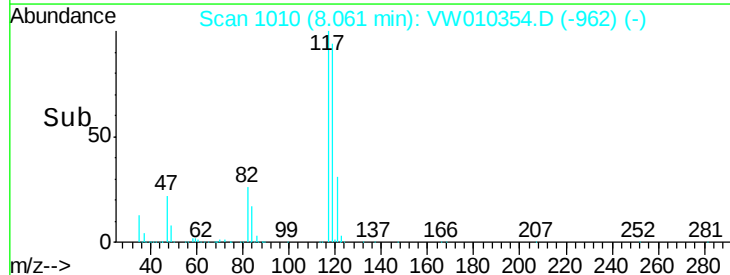
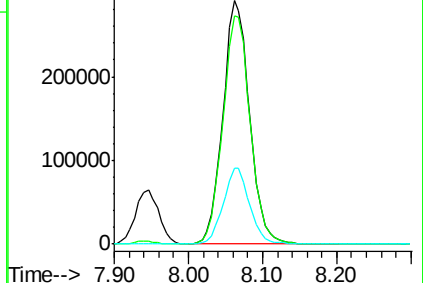
121 31.0 24.4 36.6

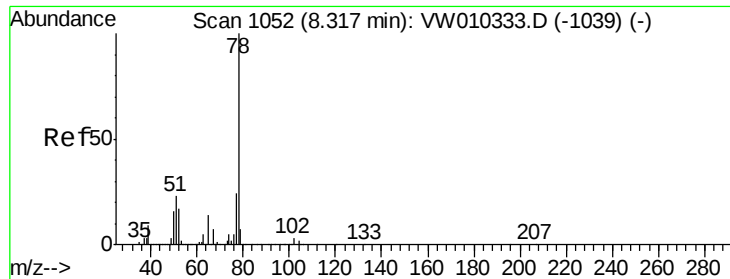


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 8.257 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

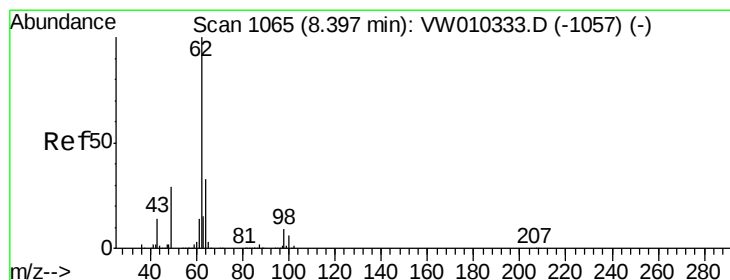
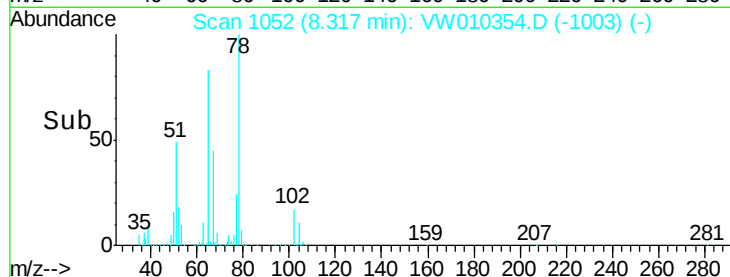
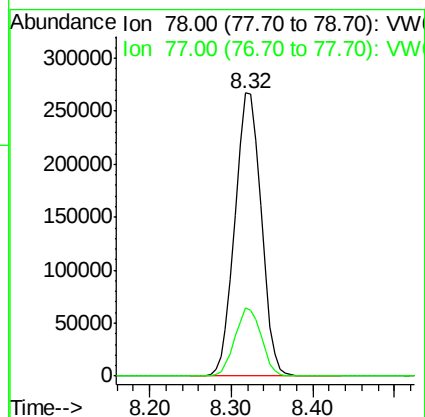
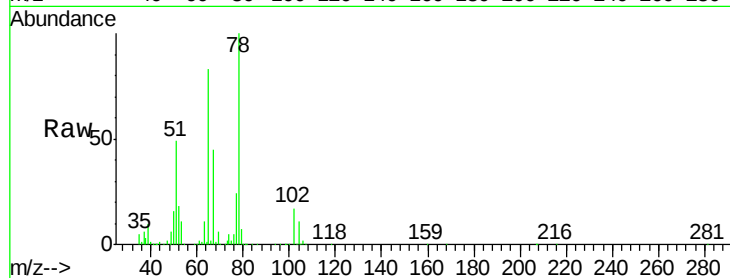
PT-VOA-SOILD

Tot Ion: 78 Resp: 595233

Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7



#42

1,2-Dichloroethane

Concen: 29.873 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW010354.D

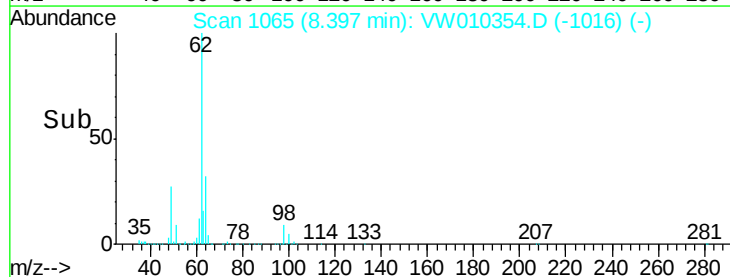
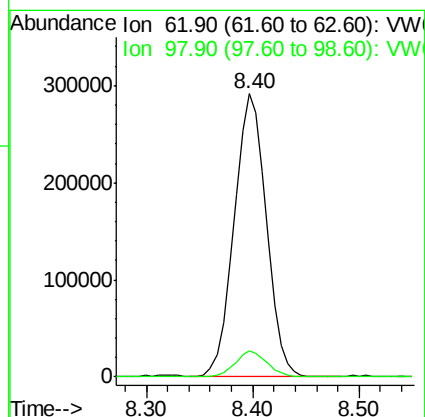
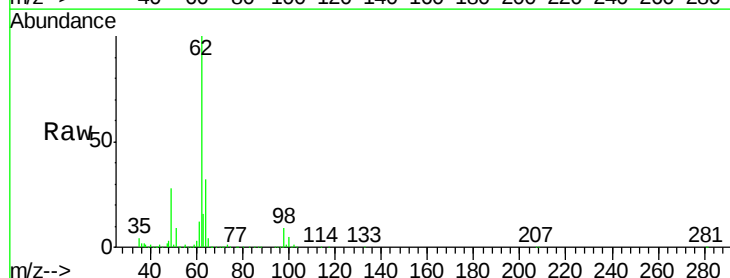
Acq: 10 May 2019 14:14

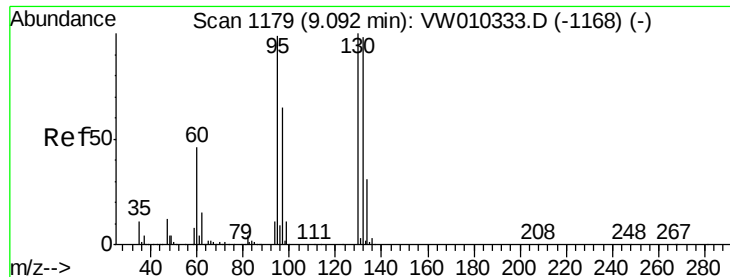
Tgt Ion: 62 Resp: 616386

Ion Ratio Lower Upper

62 100

98 9.1 0.0 16.6





#44

Trichloroethene

Concen: 26.456 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

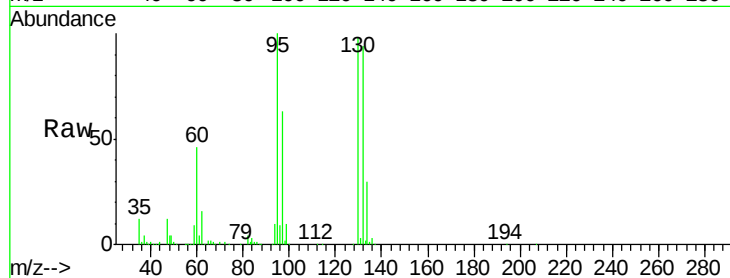
PT-VOA-SOILDL

Tot Ion:130 Resp: 477438

Ion Ratio Lower Upper

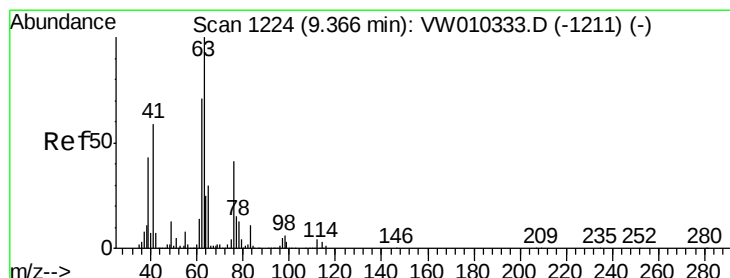
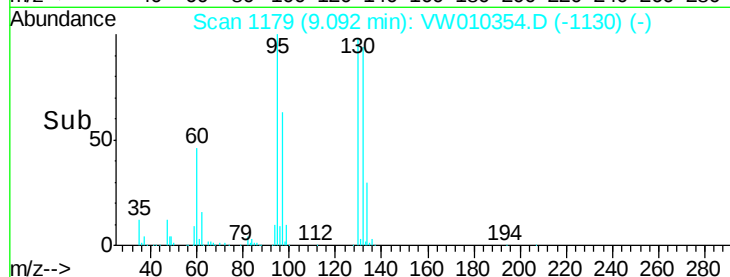
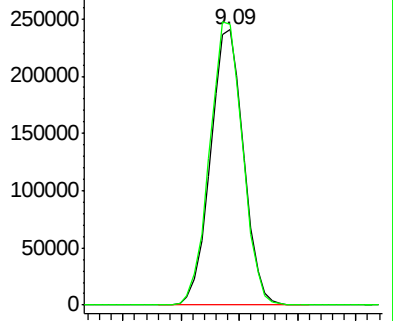
130 100

95 102.1 0.0 205.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 44.669 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010354.D

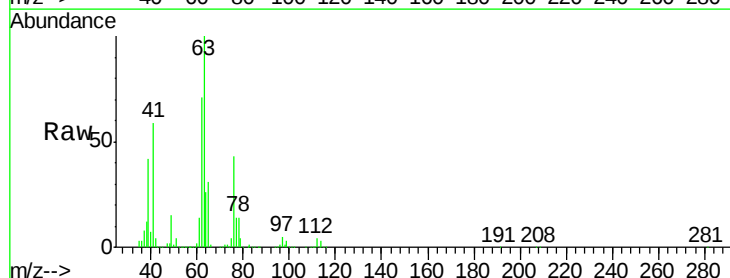
Acq: 10 May 2019 14:14

Tgt Ion: 63 Resp: 800396

Ion Ratio Lower Upper

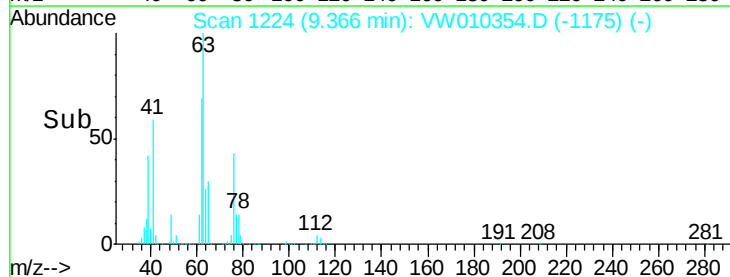
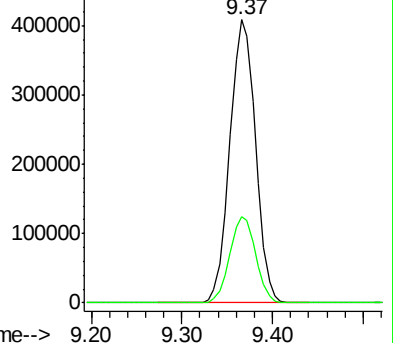
63 100

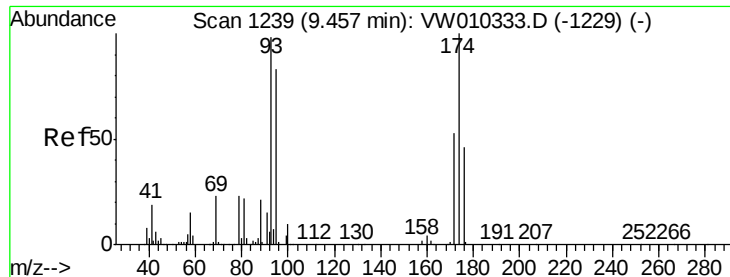
65 30.6 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#46

Dibromomethane

Concen: 28.984 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOILDL

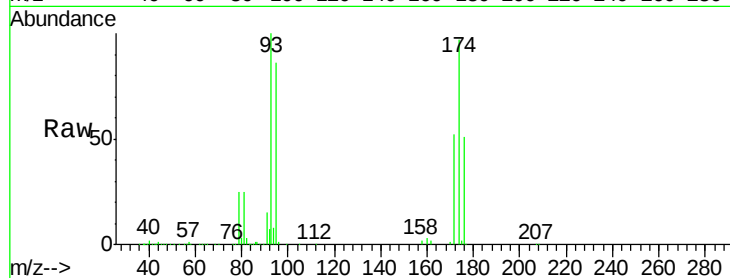
Tot Ion: 93 Resp: 268299

Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

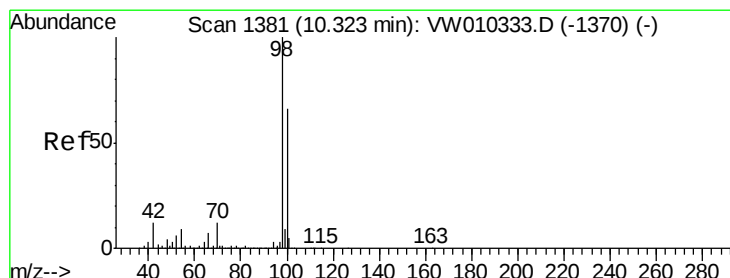
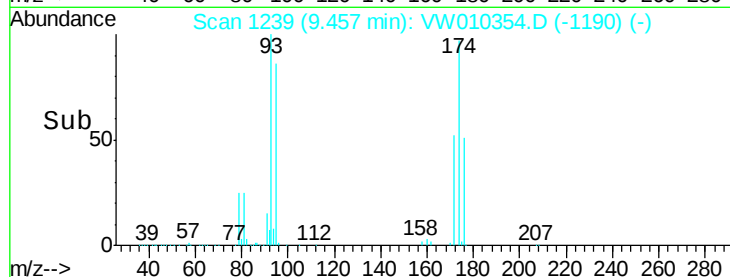
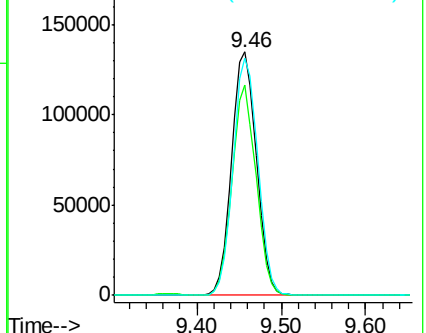
174 97.0 75.5 113.3



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



#50

Toluene-d8

Concen: 48.622 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010354.D

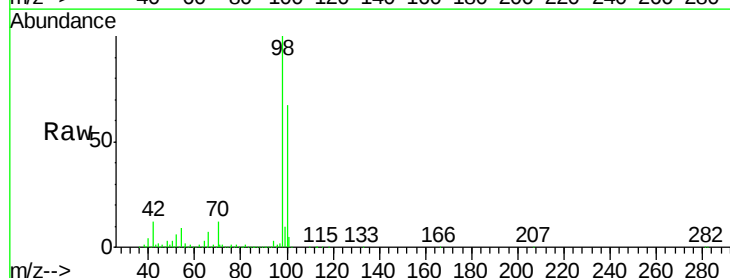
Acq: 10 May 2019 14:14

Tgt Ion: 98 Resp: 2812615

Ion Ratio Lower Upper

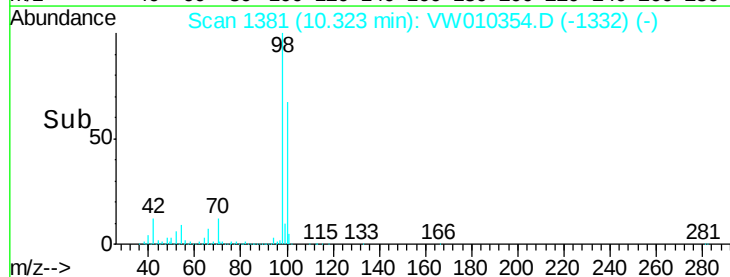
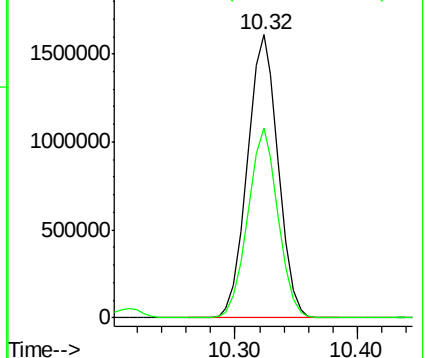
98 100

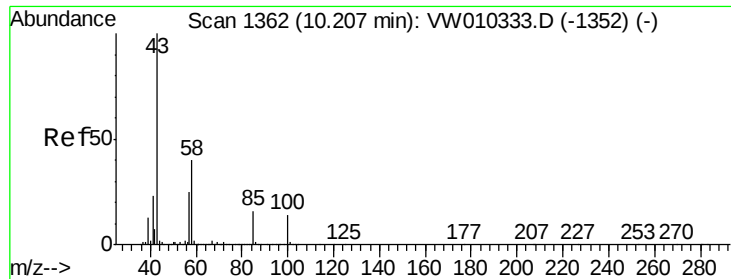
100 65.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 48.617 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

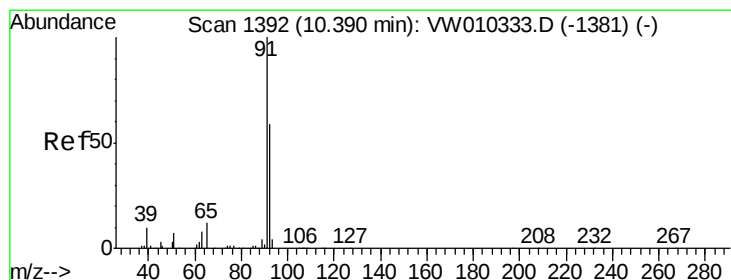
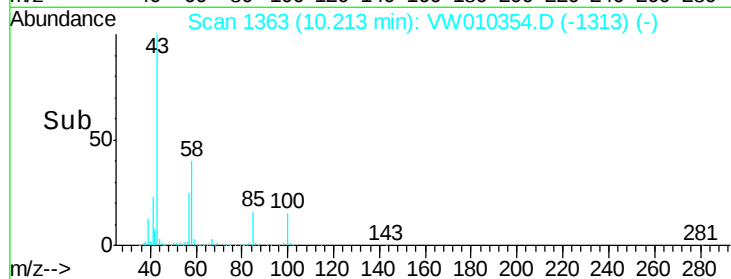
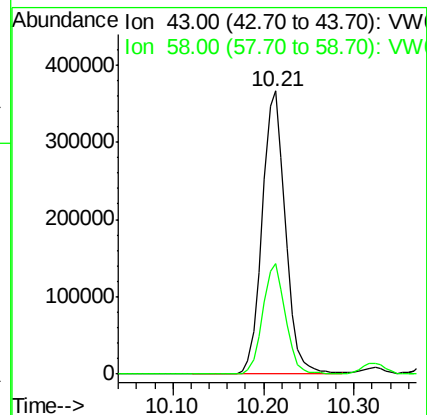
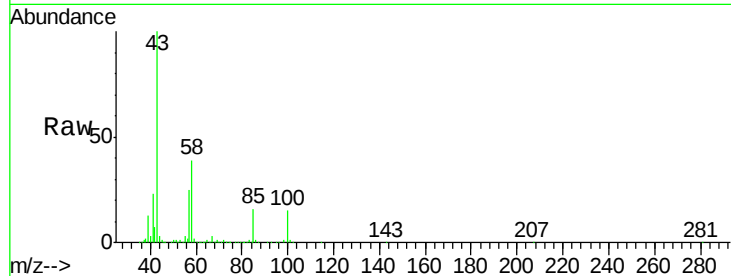
PT-VOA-SOILDL

Tot Ion: 43 Resp: 647947

Ion Ratio Lower Upper

43 100

58 38.2 28.9 43.3



#52

Toluene

Concen: 46.303 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010354.D

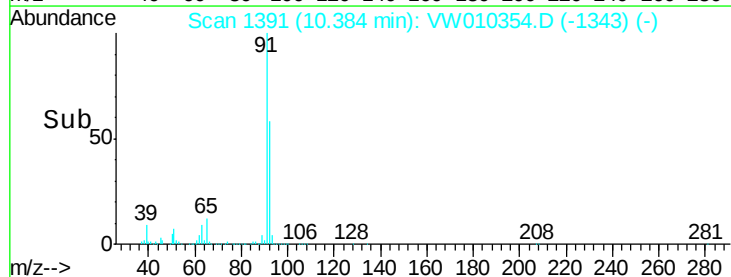
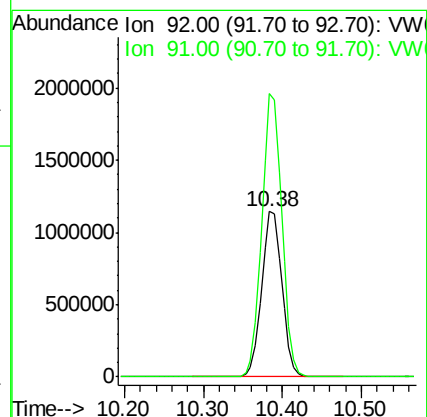
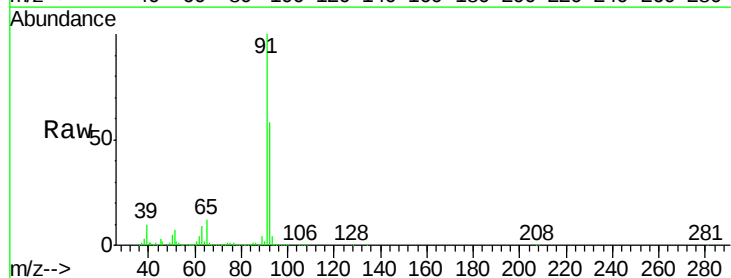
Acq: 10 May 2019 14:14

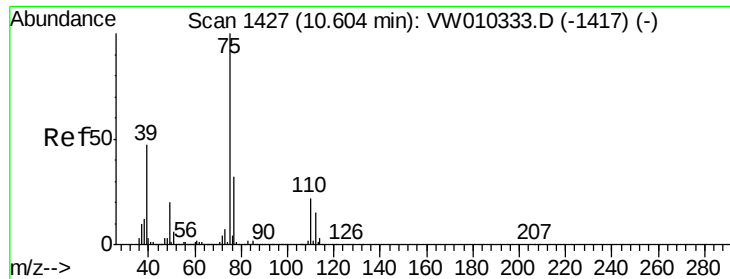
Tgt Ion: 92 Resp: 2040125

Ion Ratio Lower Upper

92 100

91 170.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 11.987 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

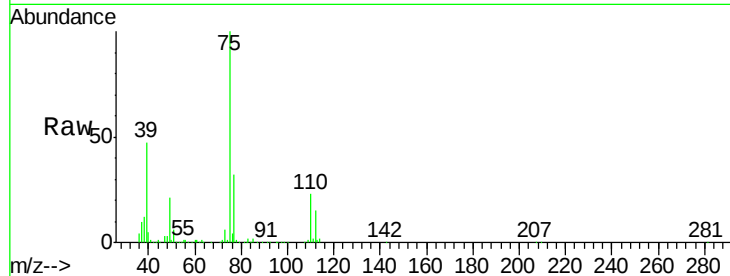
PT-VOA-SOILD

Tot Ion: 75 Resp: 269613

Ion Ratio Lower Upper

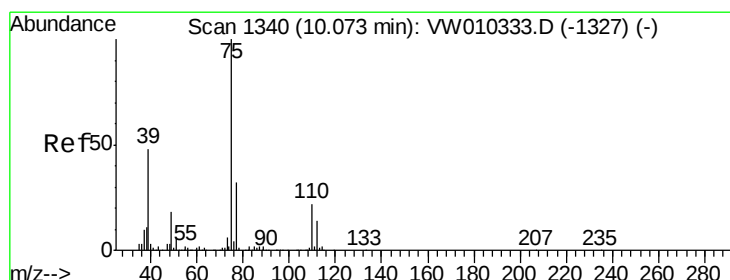
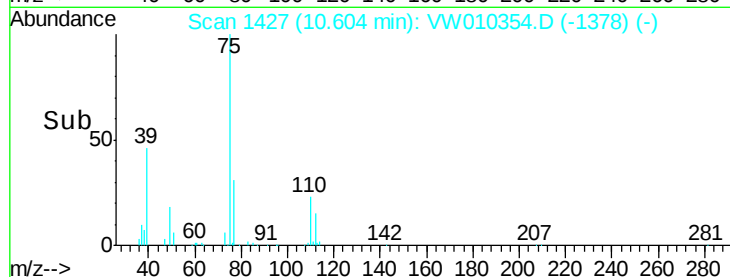
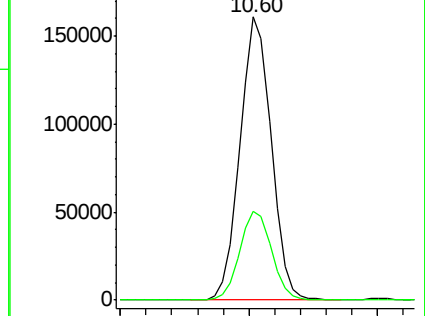
75 100

77 31.5 26.9 40.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 12.826 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

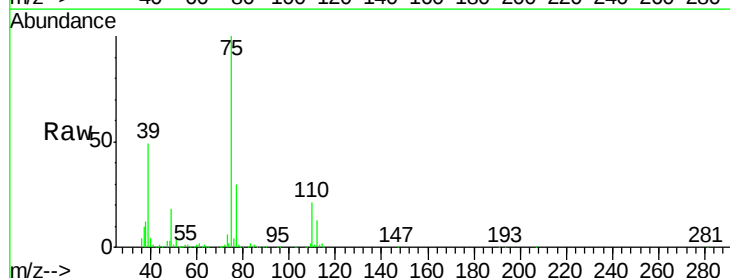
Tgt Ion: 75 Resp: 341657

Ion Ratio Lower Upper

75 100

77 30.2 25.6 38.4

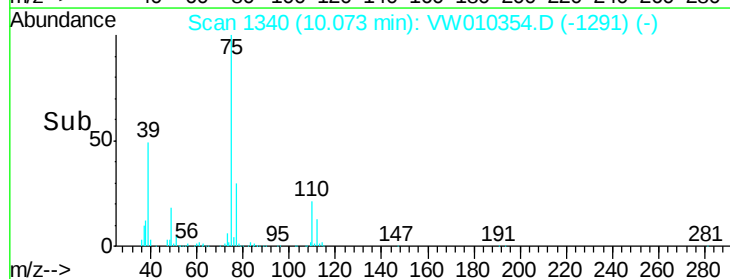
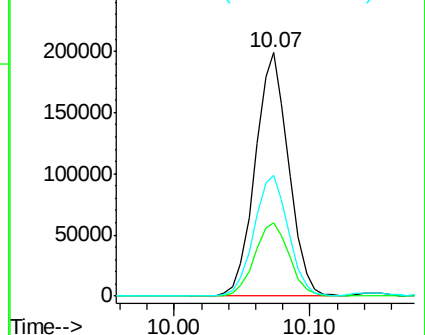
39 49.3 47.8 71.6

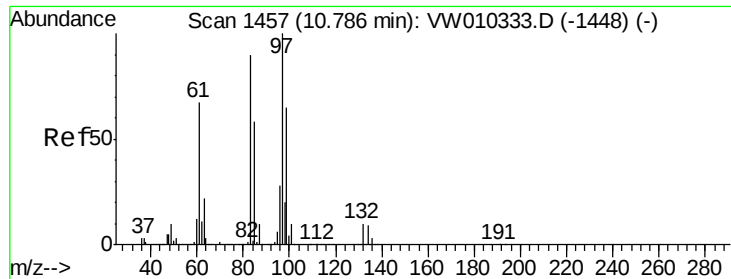


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

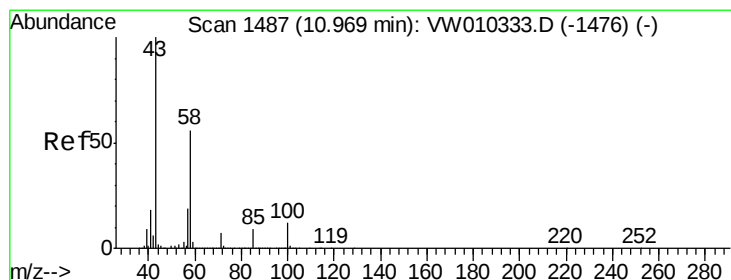
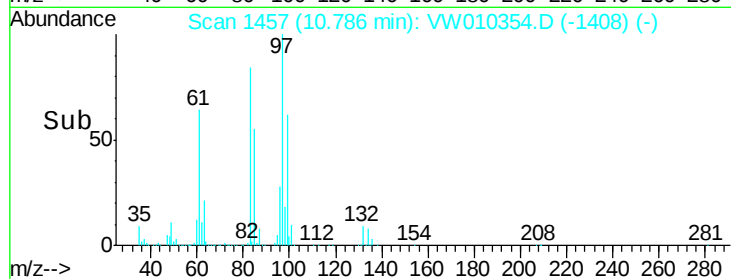
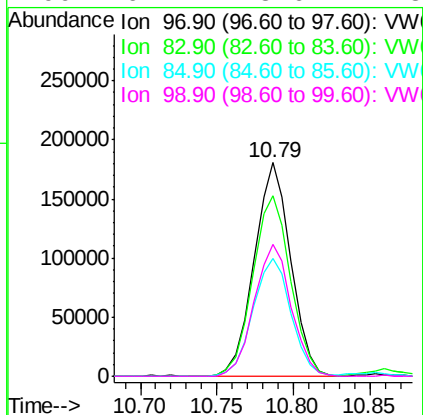
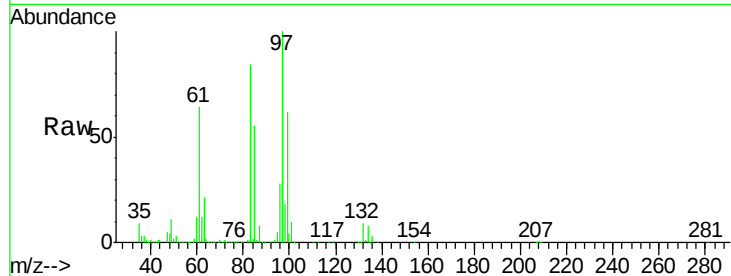




#55
 1,1,2-Trichloroethane
 Concen: 22.793 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010354.D
 Acq: 10 May 2019 14:14

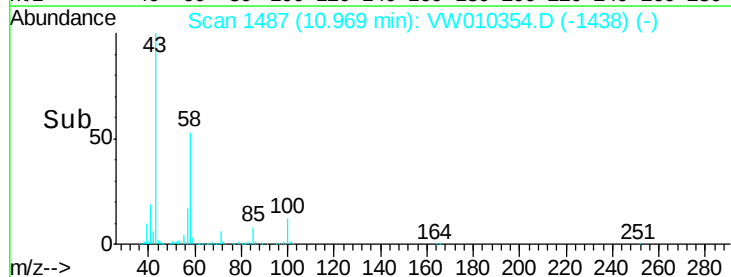
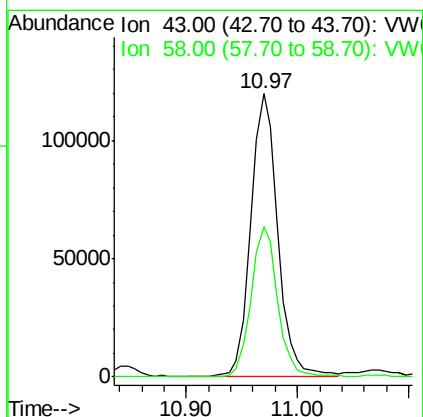
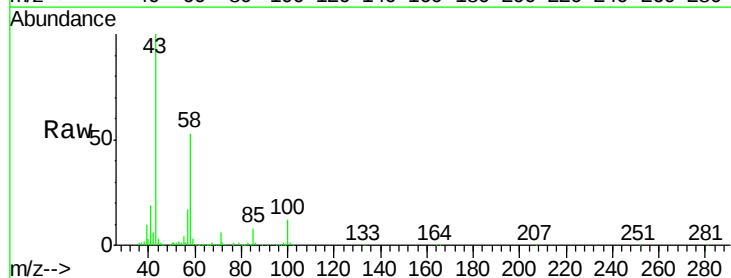
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOILDL

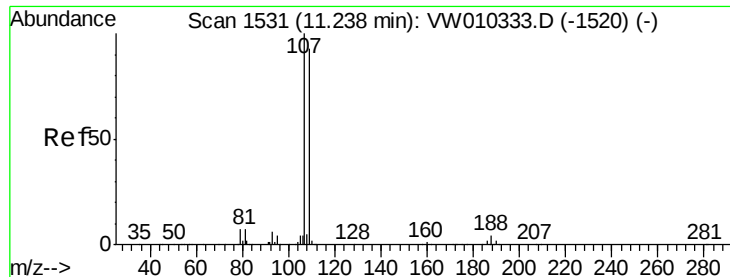
Tot Ion	97	Resp	299679
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.9	103.3
85	55.2	42.9	64.3
99	62.1	48.6	72.8



#59
 2-Hexanone
 Concen: 21.471 ug/l
 RT: 10.97 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW010354.D
 Acq: 10 May 2019 14:14

Tgt Ion	43	Resp	202319
Ion	Ratio	Lower	Upper
43	100		
58	52.4	24.9	74.7

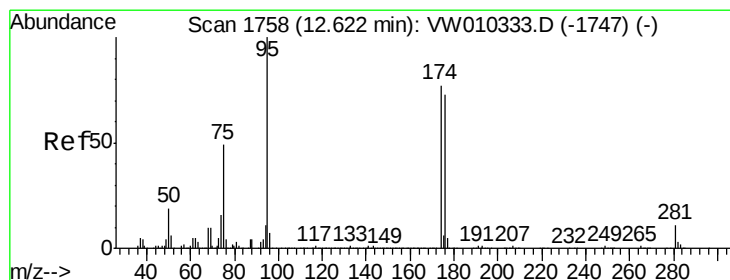
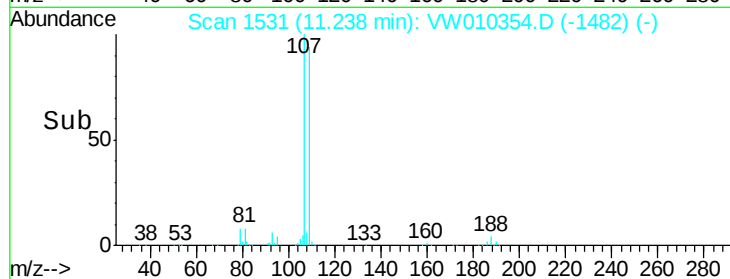
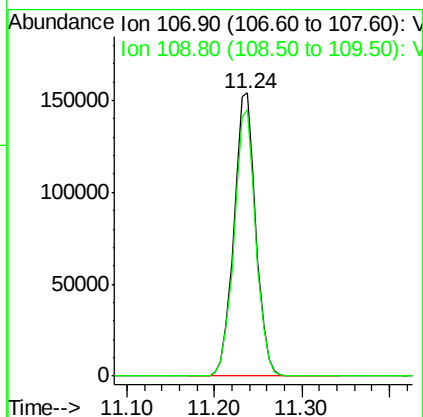
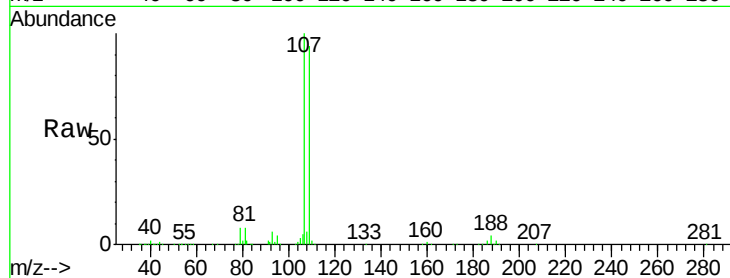




#61
 1,2-Dibromoethane
 Concen: 21.289 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010354.D
 Acq: 10 May 2019 14:14

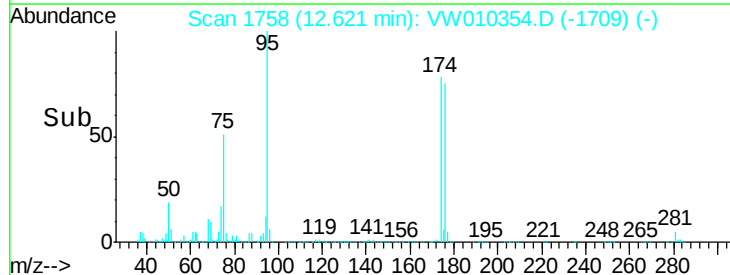
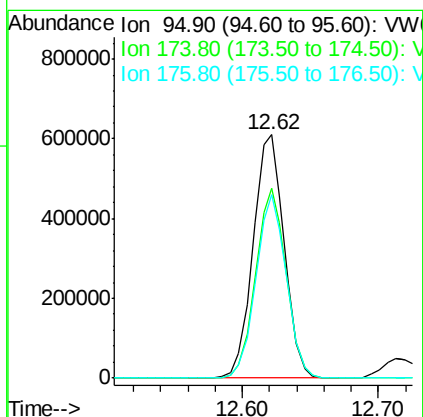
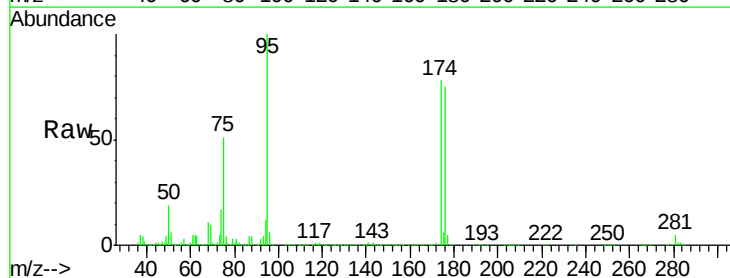
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOILD

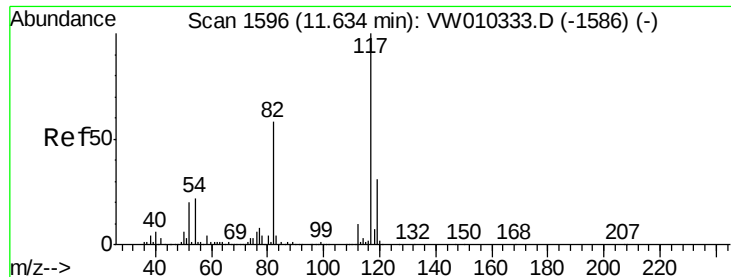
Tot Ion:107 Resp: 268695
 Ion Ratio Lower Upper
 107 100
 109 93.7 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 47.916 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010354.D
 Acq: 10 May 2019 14:14

Tgt Ion: 95 Resp: 975680
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 151.4
 176 73.7 0.0 146.2

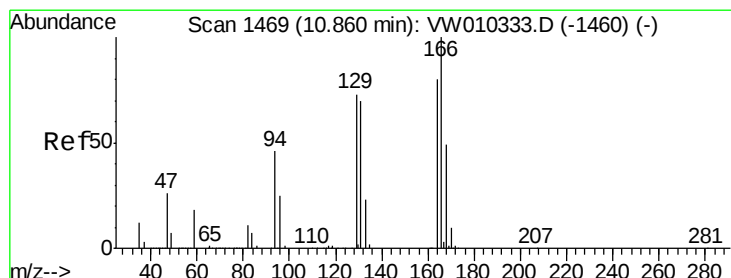
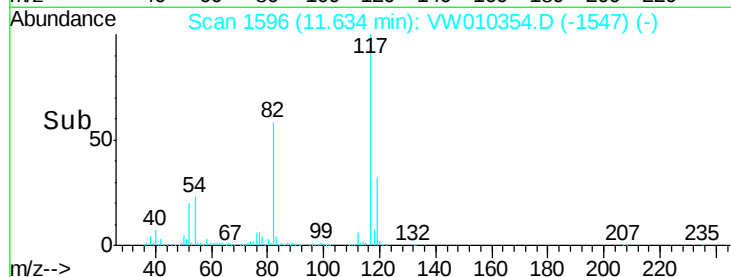
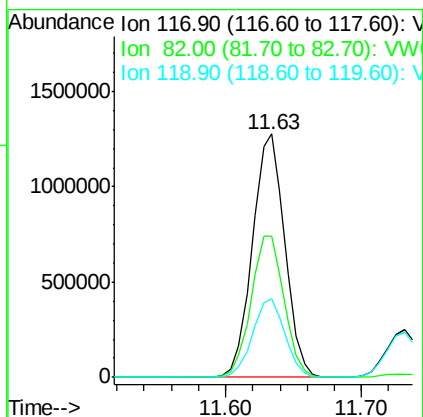
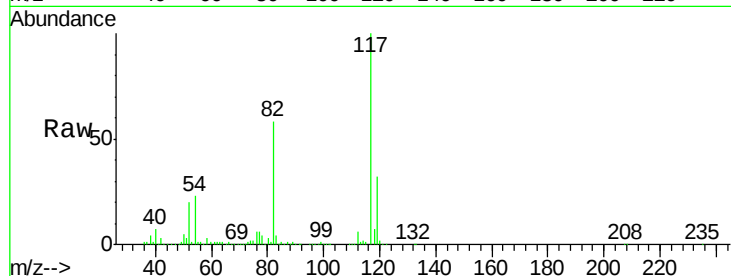




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

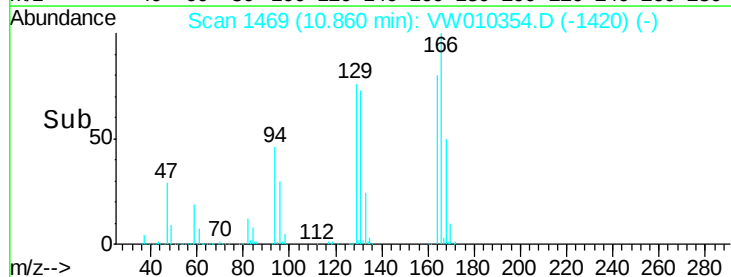
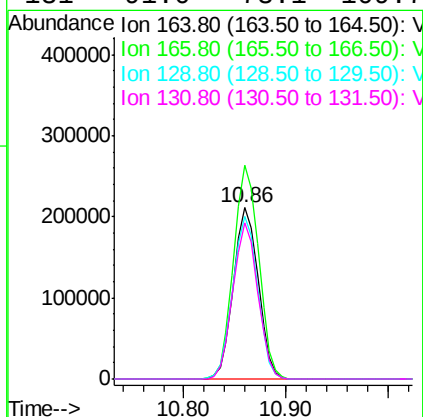
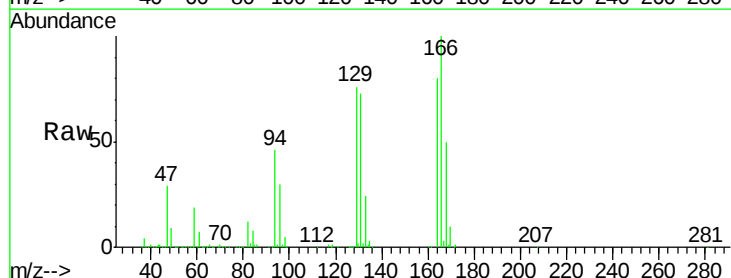
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILDL

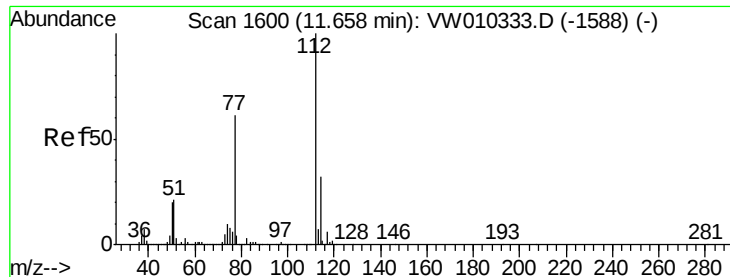
Tot Ion:117 Resp: 2131383
Ion Ratio Lower Upper
117 100
82 58.2 45.2 67.8
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 23.808 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

Tgt Ion:164 Resp: 354668
Ion Ratio Lower Upper
164 100
166 124.8 101.2 151.8
129 95.1 77.8 116.6
131 91.0 73.1 109.7

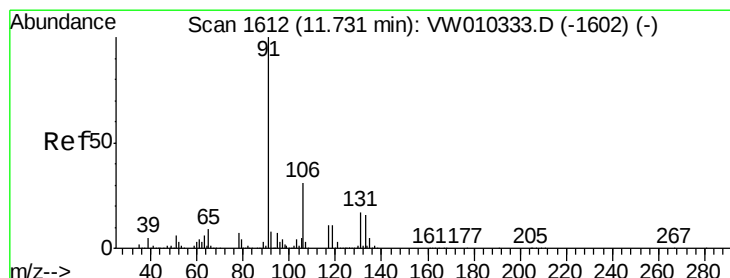
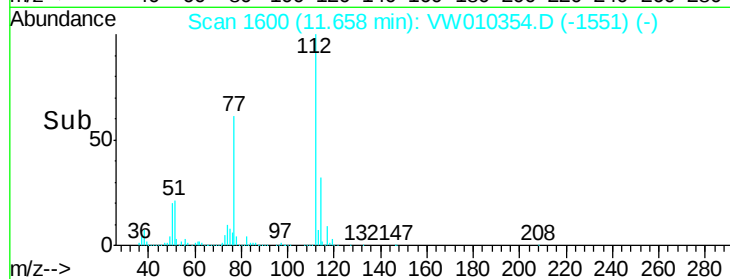
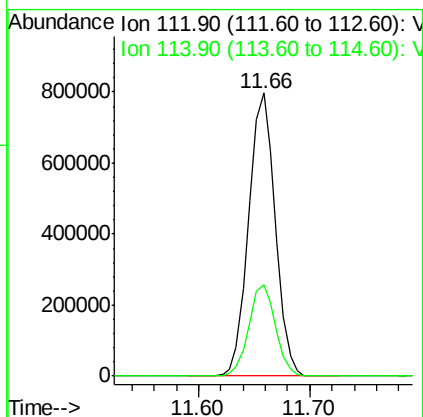
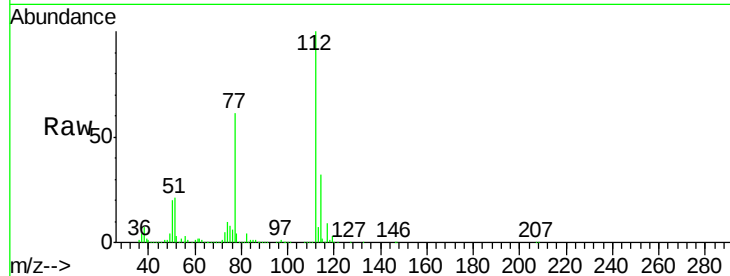




#65
Chlorobenzene
Concen: 30.061 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

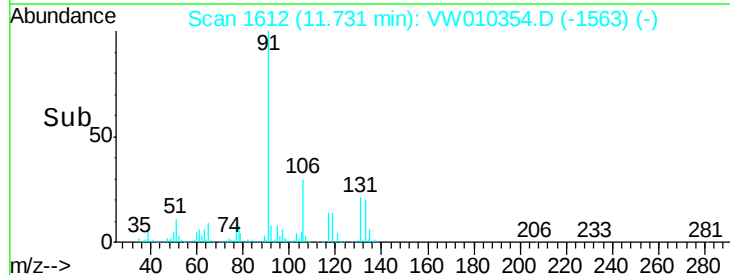
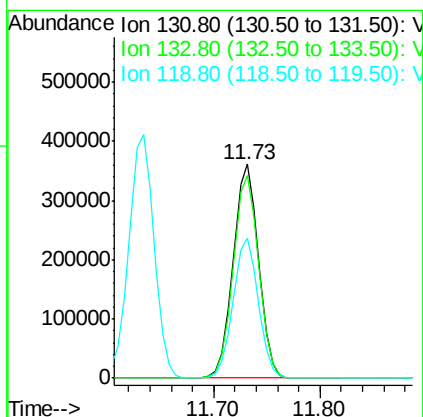
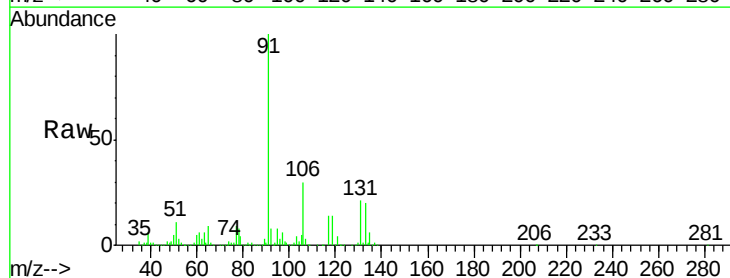
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILDL

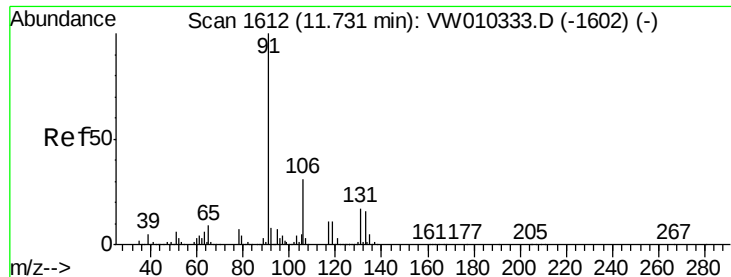
Tot Ion:112 Resp: 1326286
Ion Ratio Lower Upper
112 100
114 32.2 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 40.388 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

Tgt Ion:131 Resp: 602275
Ion Ratio Lower Upper
131 100
133 95.3 46.5 139.5
119 65.4 31.9 95.5

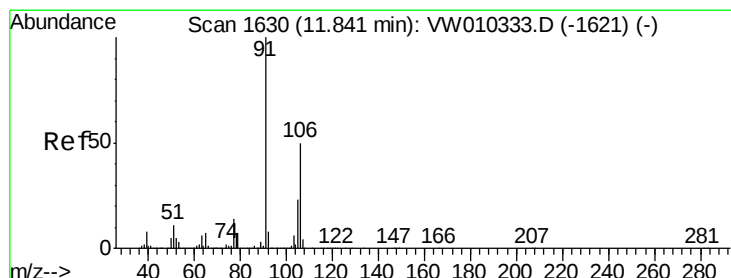
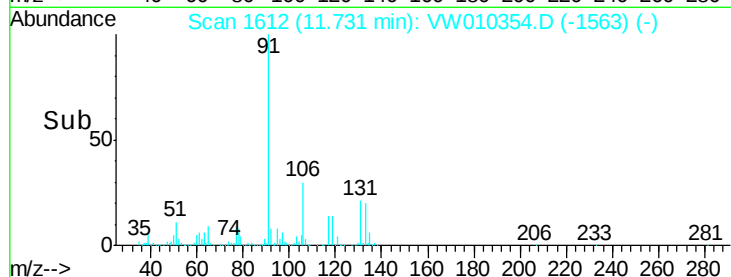
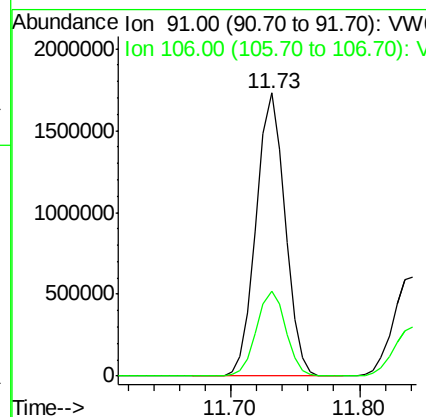
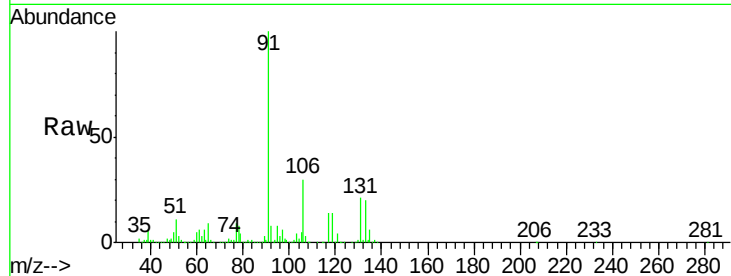




#67
Ethyl Benzene
Concen: 33.081 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

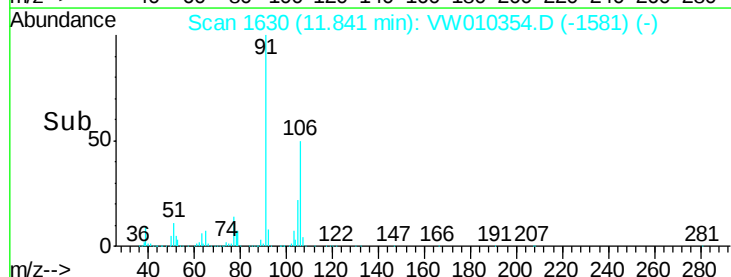
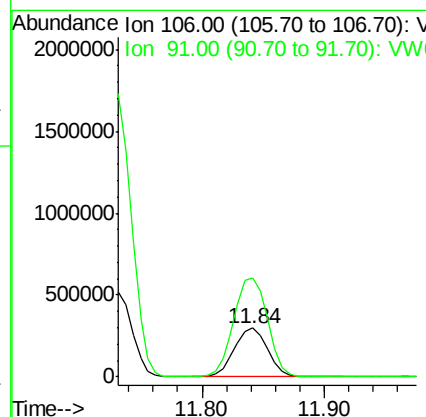
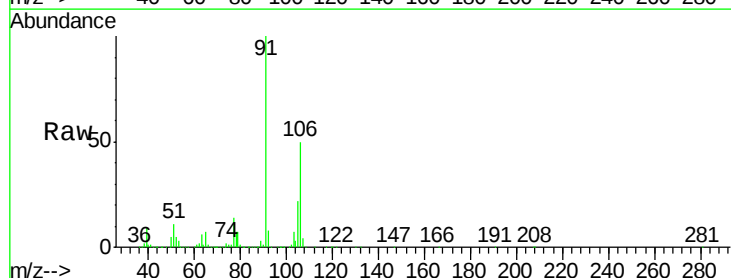
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILD

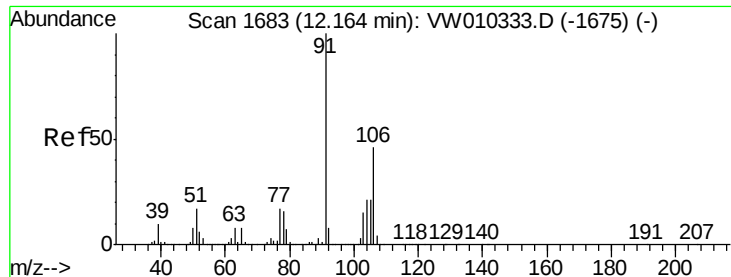
Tot Ion: 91 Resp: 2685023
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8



#68
m/p-Xylenes
Concen: 18.509 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

Tgt Ion: 106 Resp: 558169
Ion Ratio Lower Upper
106 100
91 208.3 165.0 247.6

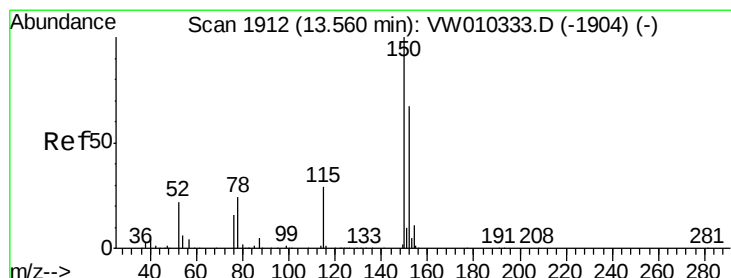
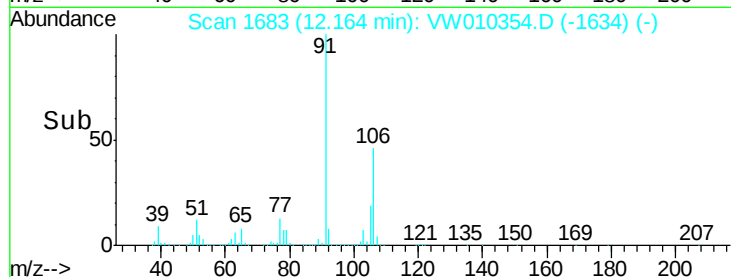
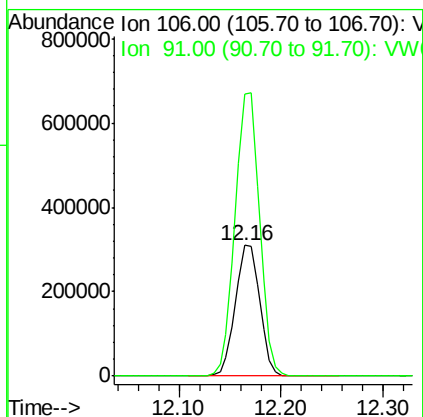
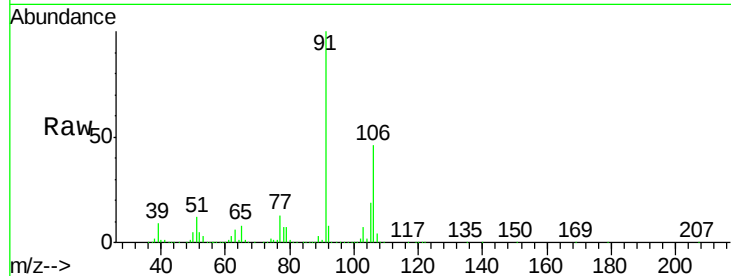




#69
o-Xylene
Concen: 18.738 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

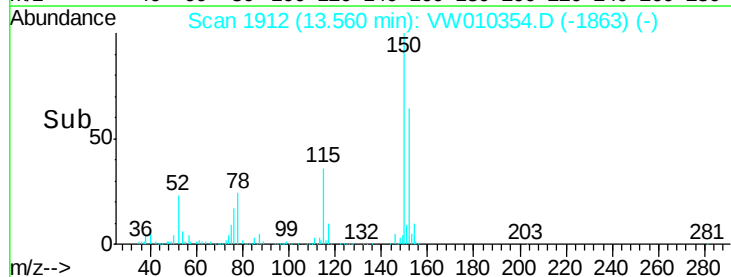
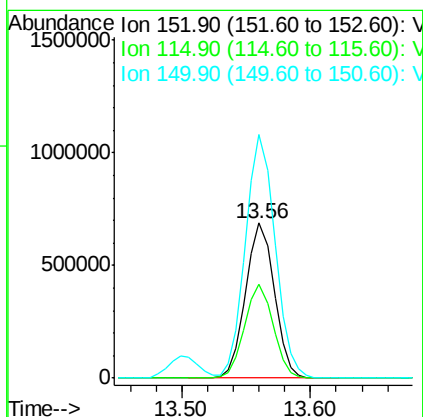
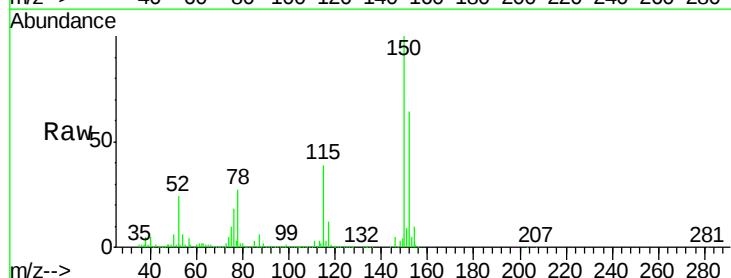
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILDL

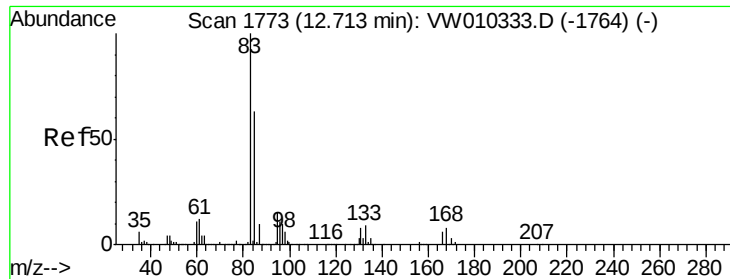
Tot Ion:106 Resp: 511155
Ion Ratio Lower Upper
106 100
91 217.5 110.5 331.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

Tgt Ion:152 Resp: 1061249
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.2
150 162.4 0.0 347.0





#75

1,1,2,2-Tetrachloroethane

Concen: 31.756 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOILDL

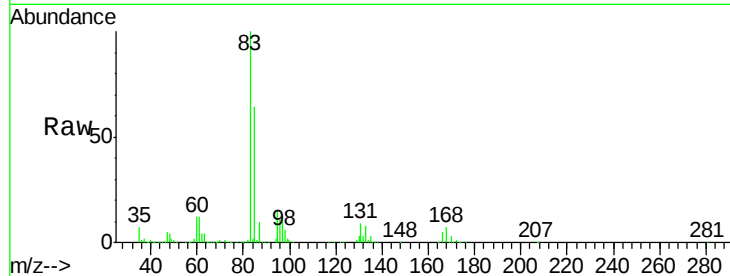
Tot Ion: 83 Resp: 541252

Ion Ratio Lower Upper

83 100

131 9.2 5.3 15.8

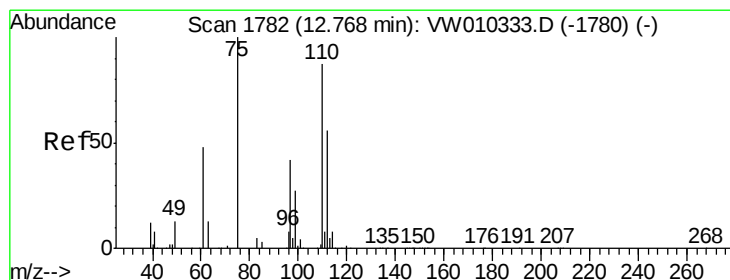
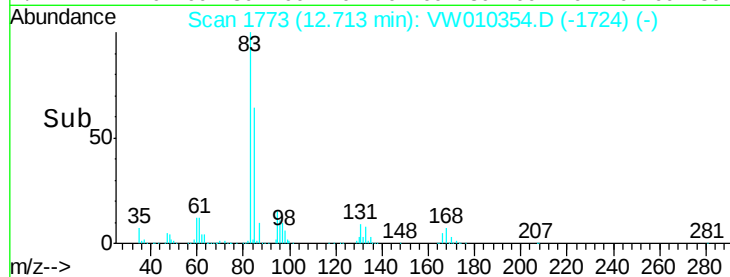
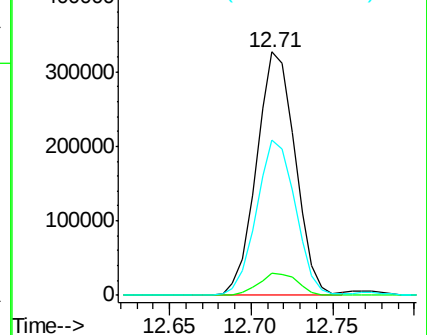
85 64.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 29.162 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010354.D

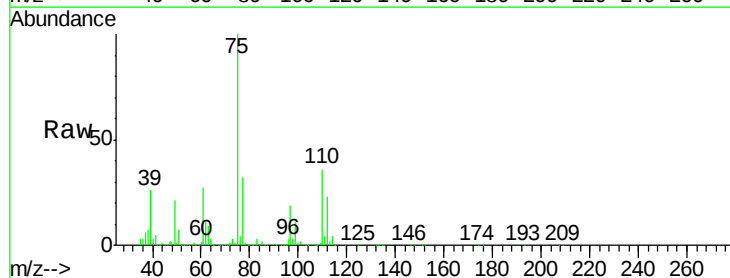
Acq: 10 May 2019 14:14

Tgt Ion: 75 Resp: 360834

Ion Ratio Lower Upper

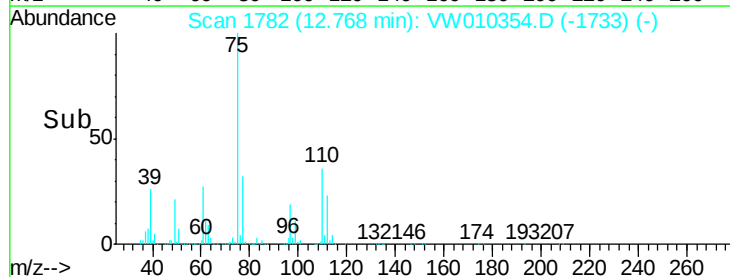
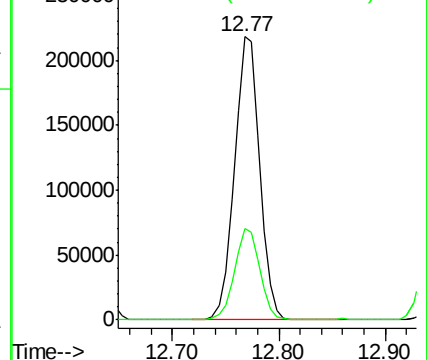
75 100

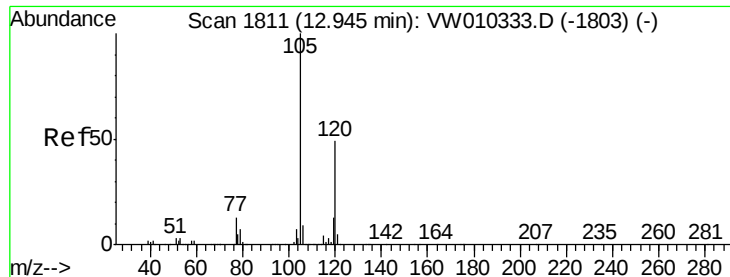
77 32.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

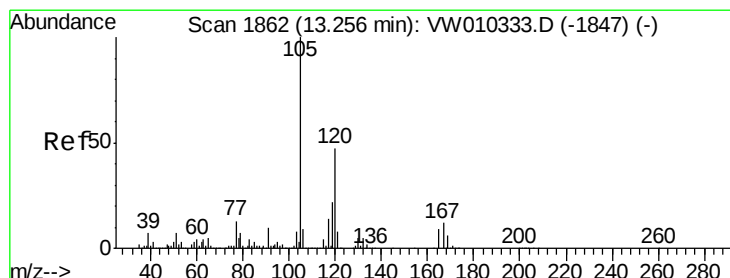
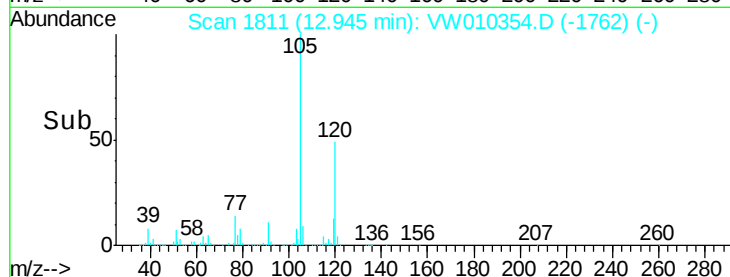
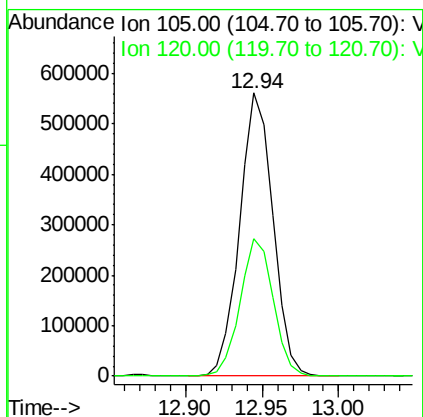
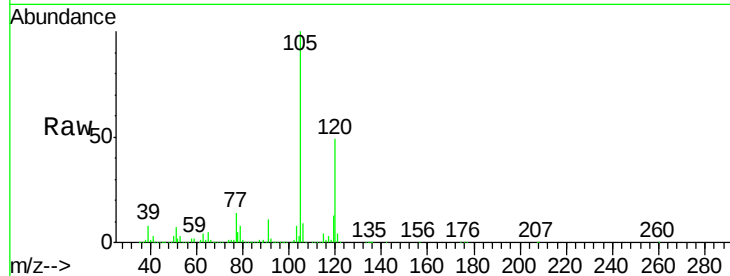




#80
 1,3,5-Trimethylbenzene
 Concen: 12.934 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010354.D
 Acq: 10 May 2019 14:14

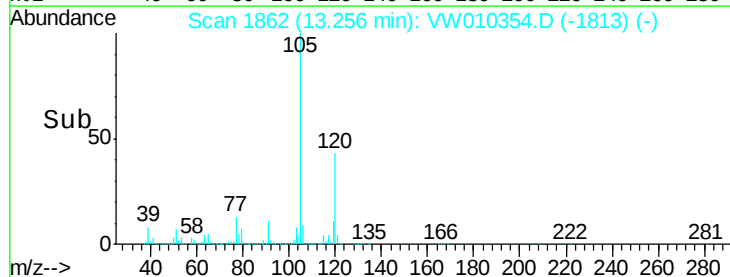
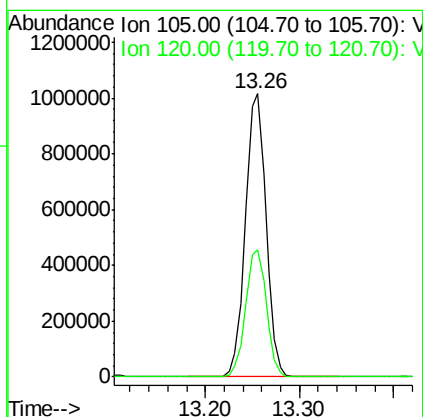
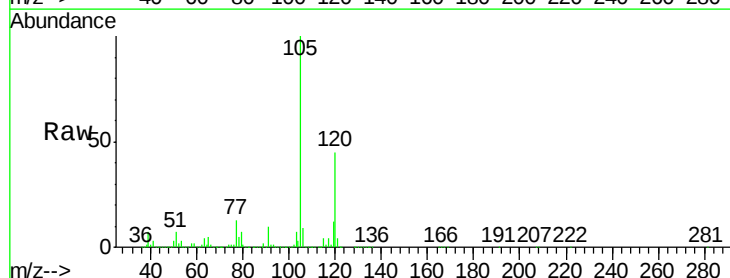
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOILD

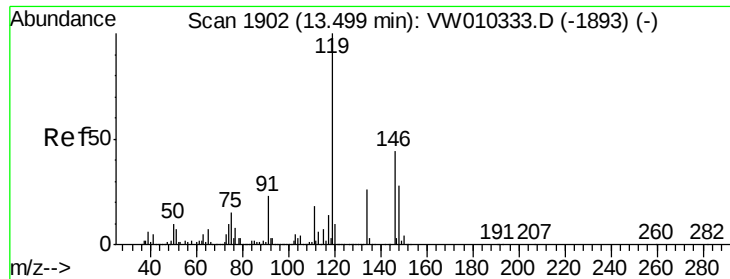
Tot Ion:105 Resp: 843466
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 23.987 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010354.D
 Acq: 10 May 2019 14:14

Tgt Ion:105 Resp: 1554441
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7





#87

1,3-Dichlorobenzene

Concen: 45.143 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

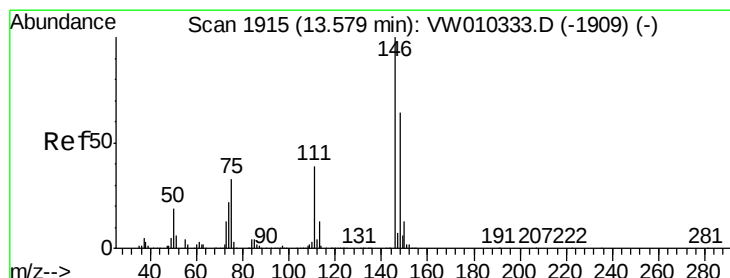
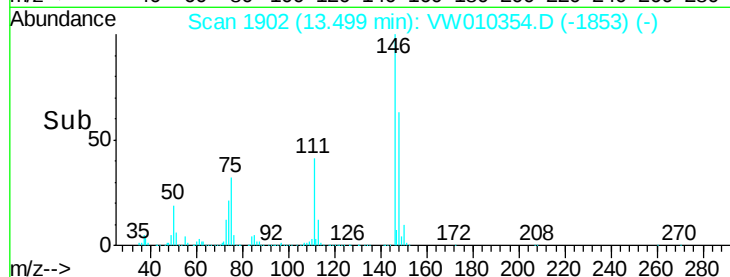
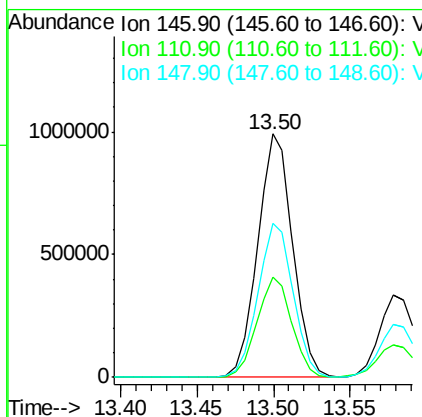
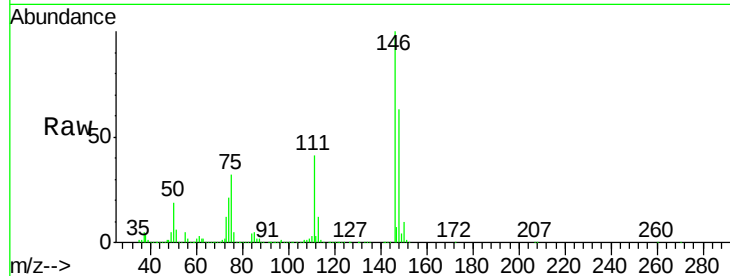
Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILDL

Tot Ion:146 Resp: 1574481

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	63.8	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 15.391 ug/l

RT: 13.58 min Scan# 1915

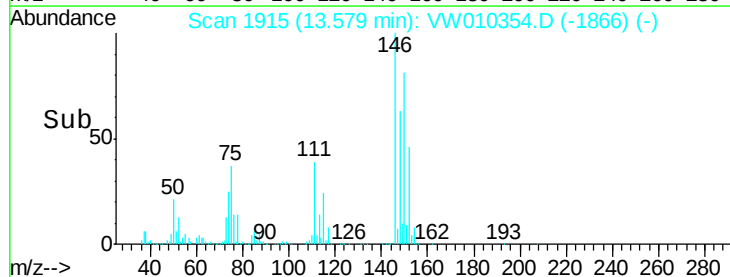
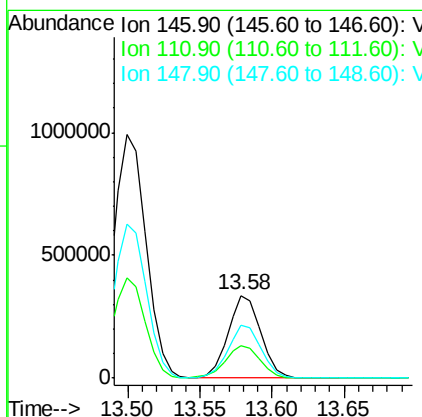
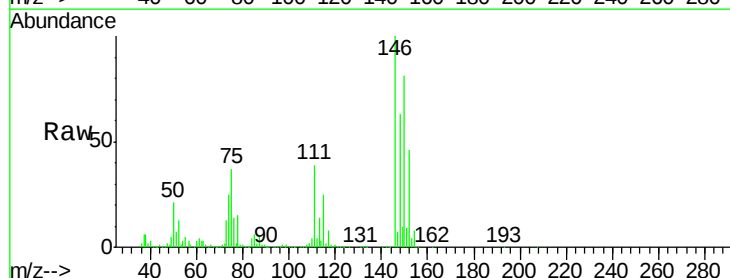
Delta R.T. -0.00 min

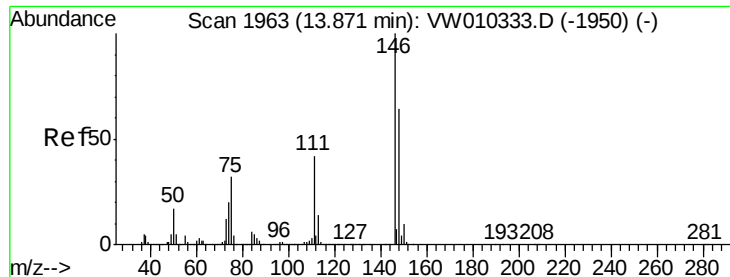
Lab File: VW010354.D

Acq: 10 May 2019 14:14

Tgt Ion:146 Resp: 532719

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.1	60.3
148	64.7	31.8	95.3





#91

1,2-Dichlorobenzene

Concen: 31.721 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOILDL

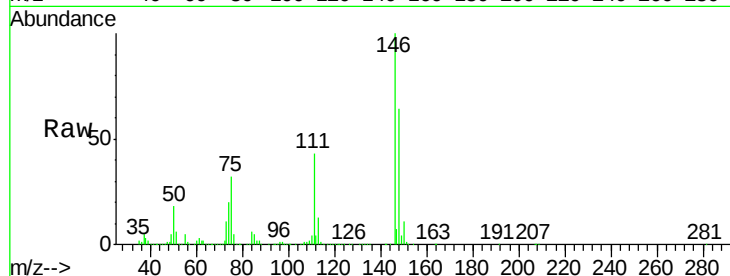
Tot Ion:146 Resp: 979366

Ion Ratio Lower Upper

146 100

111 41.9 20.9 62.8

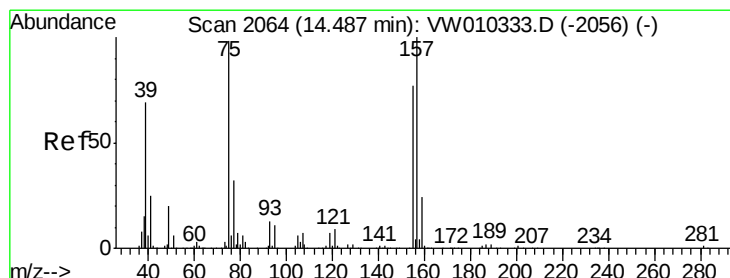
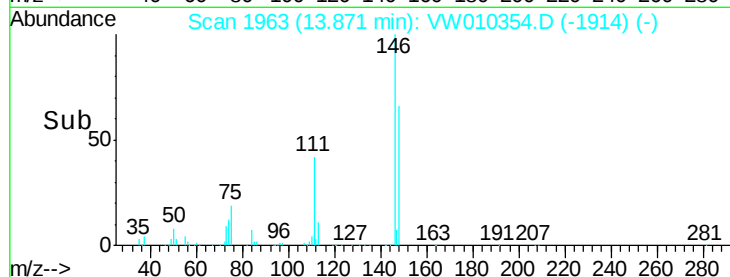
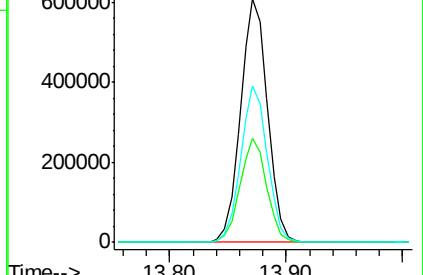
148 63.4 31.9 95.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 35.194 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010354.D

Acq: 10 May 2019 14:14

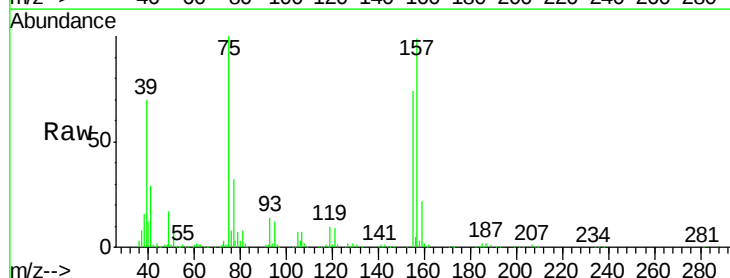
Tgt Ion: 75 Resp: 108018

Ion Ratio Lower Upper

75 100

155 76.0 37.1 111.5

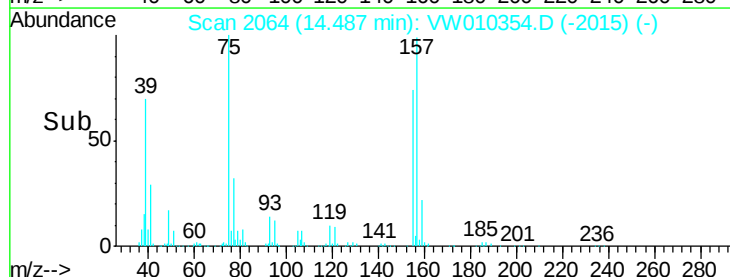
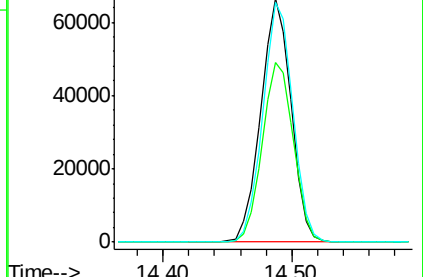
157 97.5 47.3 141.9

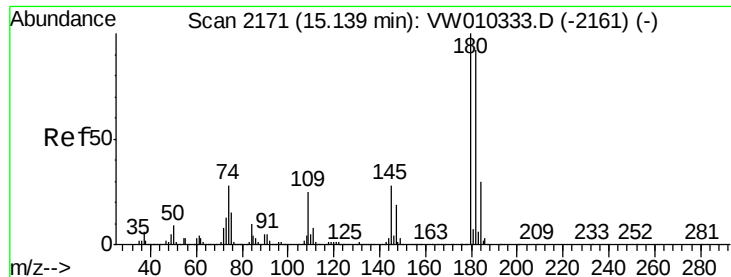


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

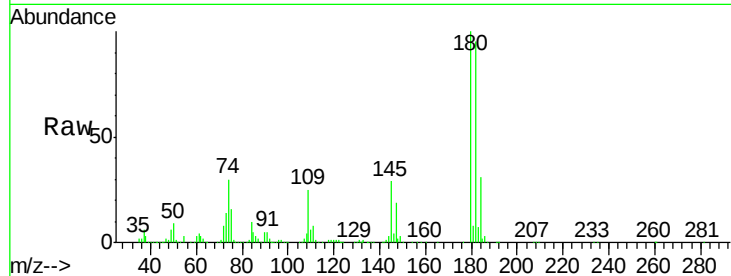




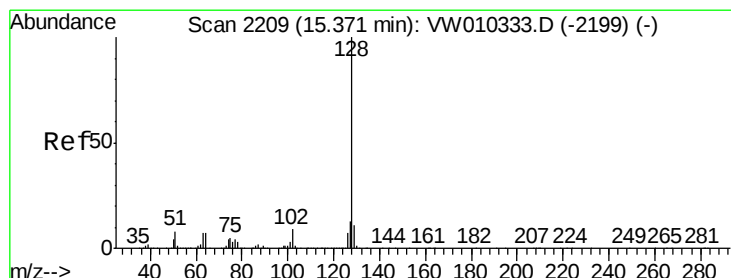
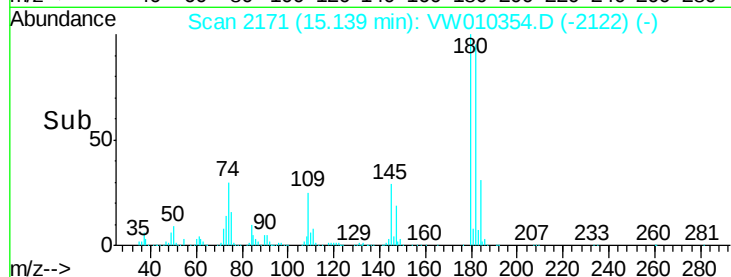
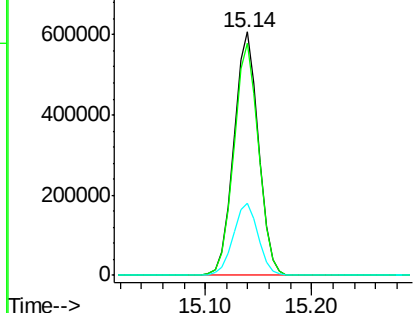
#93
1,2,4-Trichlorobenzene
Concen: 46.603 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILDL

Tot Ion:180 Resp: 981968
Ion Ratio Lower Upper
180 100
182 95.7 47.1 141.4
145 30.2 15.2 45.6

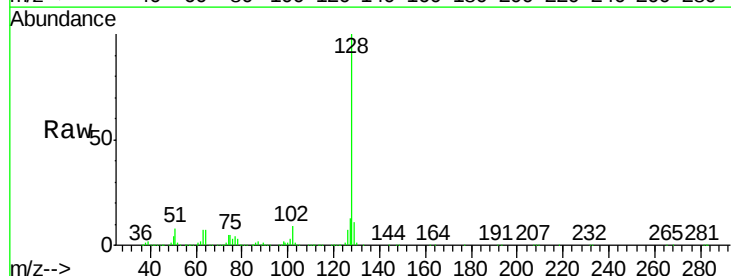


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#95
Naphthalene
Concen: 23.542 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010354.D
Acq: 10 May 2019 14:14

Tgt Ion:128 Resp: 1034602
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.6 8.7 13.1



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

