

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006812.D
 Acq On : 12 Nov 2018 17:48
 Operator : SY/AP
 Sample : J5807-23DL 4X
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOILD

Quant Time: Nov 13 02:58:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	404401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	389909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	219105	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	98747	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	
35) Dibromofluoromethane	7.89	113	106641	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
50) Toluene-d8	10.33	98	445717	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
62) 4-Bromofluorobenzene	12.62	95	160492	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	

Target Compounds						Qvalue
16) Acetone	4.14	43	73629	231.324	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	221567	40.753	ug/l	98
20) Methylene Chloride	4.92	84	139015	47.740	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	125963	46.640	ug/l	99
22) Diisopropyl ether	6.32	45	250537	40.051	ug/l	98
24) 1,1-Dichloroethane	6.22	63	46262	11.151	ug/l	99
25) 2-Butanone	7.18	43	49940	92.775	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	59348	20.612	ug/l	90
28) Bromochloromethane	7.52	49	52580	36.233	ug/l	100
30) Chloroform	7.68	83	146624	32.369	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	194444	44.471	ug/l	100
40) Benzene	8.33	78	463930	44.086	ug/l	99
42) 1,2-Dichloroethane	8.40	62	124798	44.264	ug/l	100
44) Trichloroethene	9.10	130	60370	18.181	ug/l	100
45) 1,2-Dichloropropane	9.37	63	48614	19.821	ug/l	98
46) Dibromomethane	9.46	93	31582	23.133	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	110136	91.264	ug/l	98
52) Toluene	10.39	92	328631	44.051	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	35639	10.691	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	107223	27.125	ug/l	99
59) 2-Hexanone	10.98	43	28074	33.727	ug/l	100
60) Dibromochloromethane	11.13	129	33641	13.571	ug/l	99
61) 1,2-Dibromoethane	11.24	107	59762	31.061	ug/l	98
64) Tetrachloroethene	10.87	164	62661	20.054	ug/l	97
65) Chlorobenzene	11.66	112	333634	38.570	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	41800	14.892	ug/l	97
68) m/p-Xylenes	11.84	106	228397	37.854	ug/l	100
69) o-Xylene	12.17	106	217254	38.689	ug/l	98
71) Bromoform	12.35	173	47072	30.729	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	13389	6.364	ug/l	99
78) n-propylbenzene	12.81	91	315468	17.575	ug/l	100
86) p-Isopropyltoluene	13.51	119	327140	21.961	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	106936	13.684	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	208636	30.656	ug/l	99

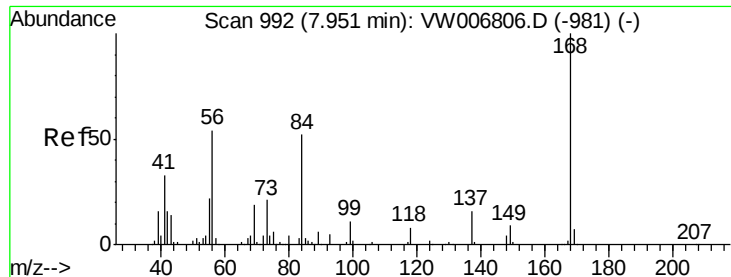
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006812.D
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PT-VOA-SOILDL

Quant Time: Nov 13 02:58:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6208	18.431	ug/l	98
95) Naphthalene	15.38	128	171557	22.324	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleID :

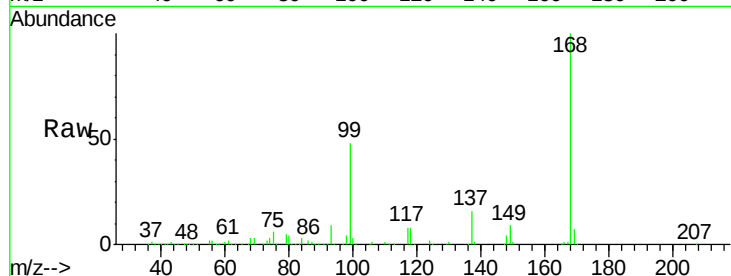
PT-VOA-SOILDL

Tgt Ion:168 Resp: 303178

Ion Ratio Lower Upper

168 100

99 47.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

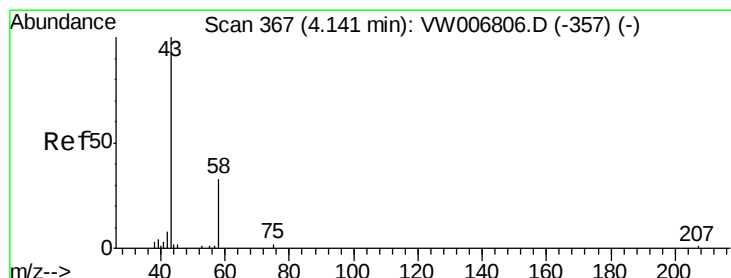
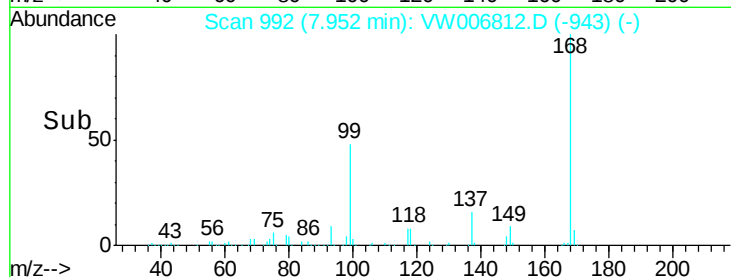
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 231.324 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006812.D

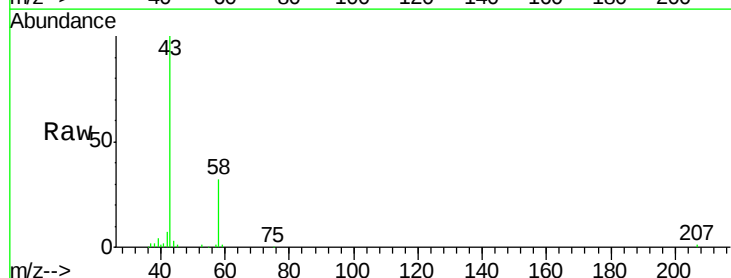
Acq: 12 Nov 2018 17:48

Tgt Ion: 43 Resp: 73629

Ion Ratio Lower Upper

43 100

58 32.5 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

30000

25000

20000

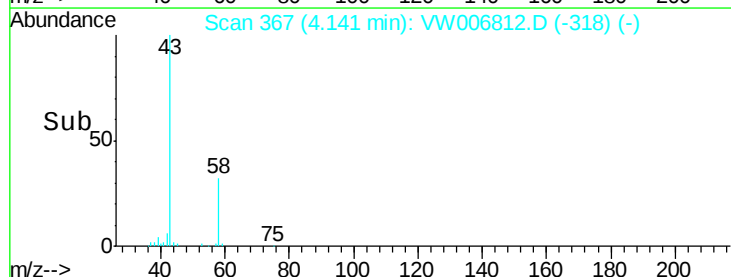
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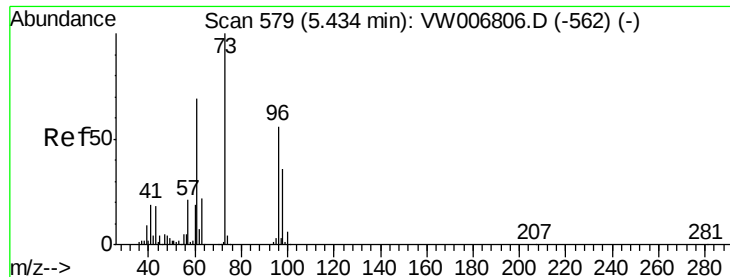
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Time-->

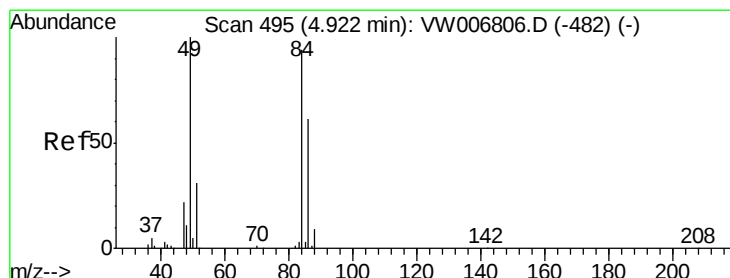
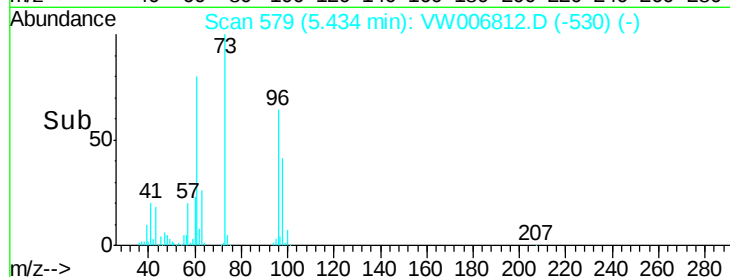
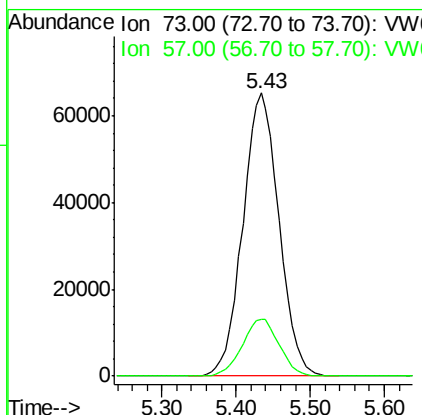
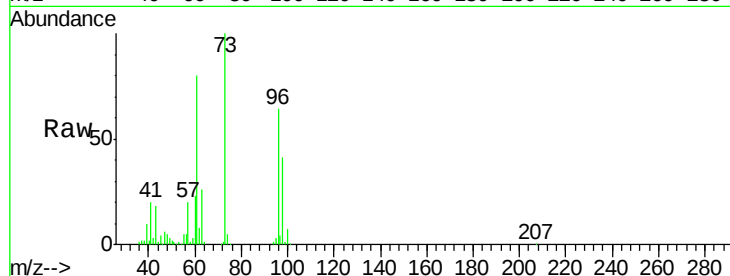




#19
Methyl tert-butyl Ether
Concen: 40.753 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

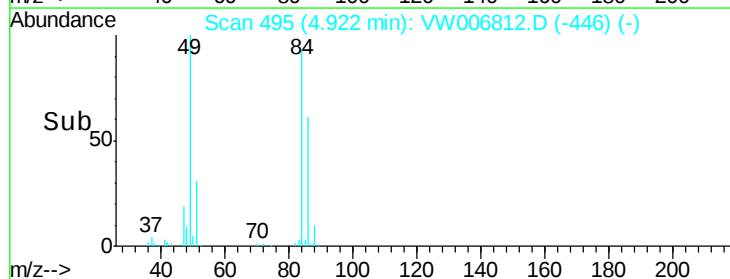
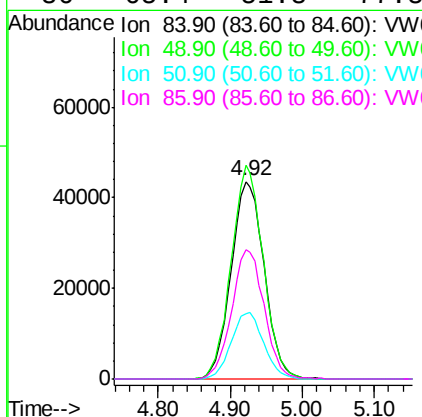
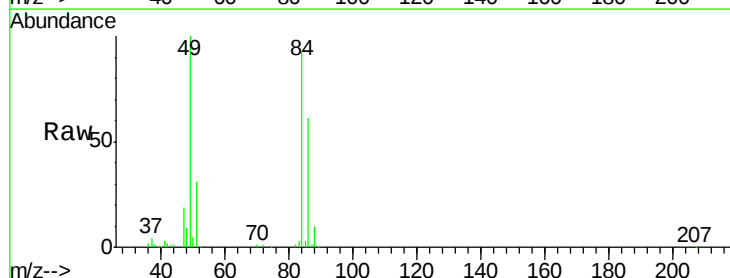
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILD

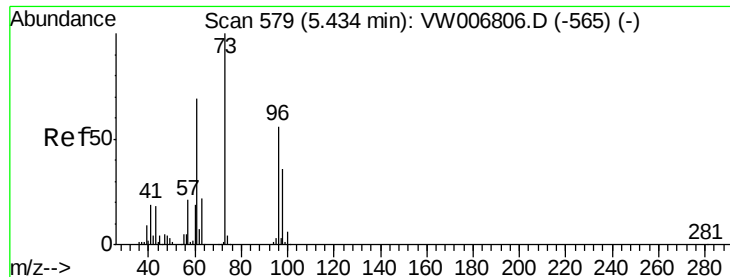
Tgt Ion: 73 Resp: 221567
Ion Ratio Lower Upper
73 100
57 20.0 16.8 25.2



#20
Methylene Chloride
Concen: 47.740 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

Tgt Ion: 84 Resp: 139015
Ion Ratio Lower Upper
84 100
49 108.0 84.8 127.2
51 33.2 26.2 39.4
86 65.4 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 46.640 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOILDL

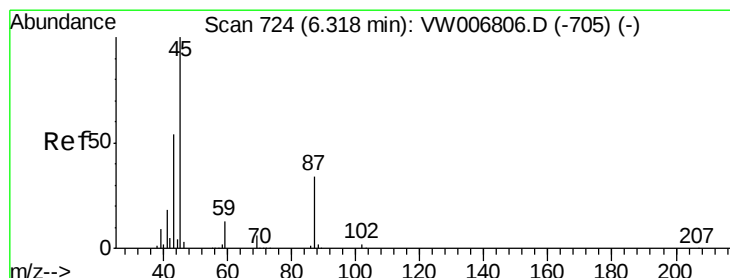
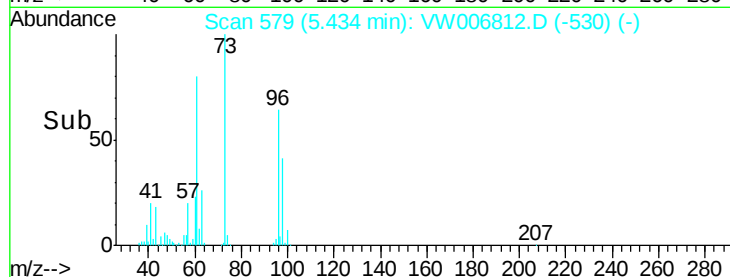
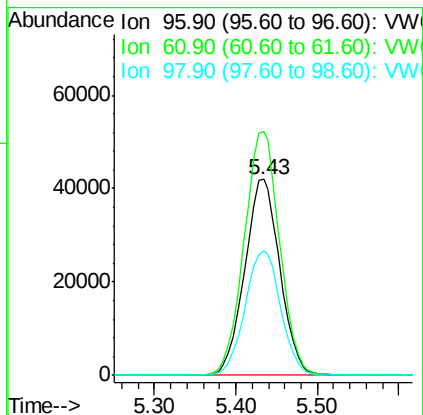
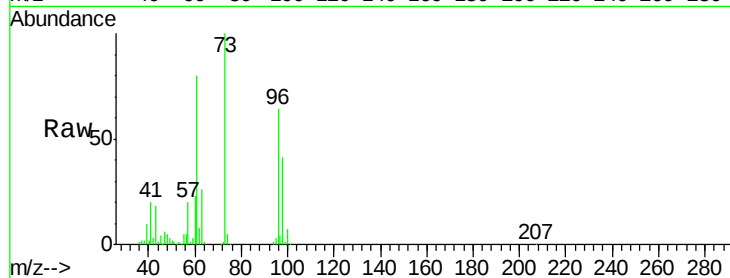
Tgt Ion: 96 Resp: 125963

Ion Ratio Lower Upper

96 100

61 124.5 98.7 148.1

98 63.6 51.2 76.8



#22

Diisopropyl ether

Concen: 40.051 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

Tgt Ion: 45 Resp: 250537

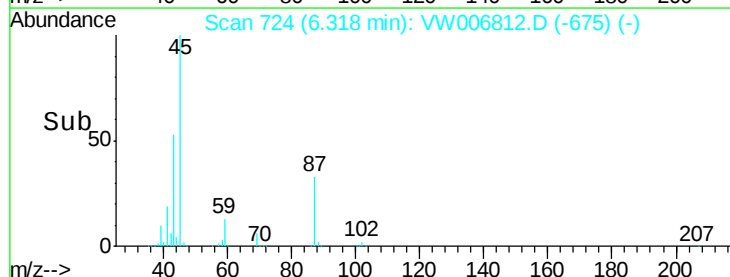
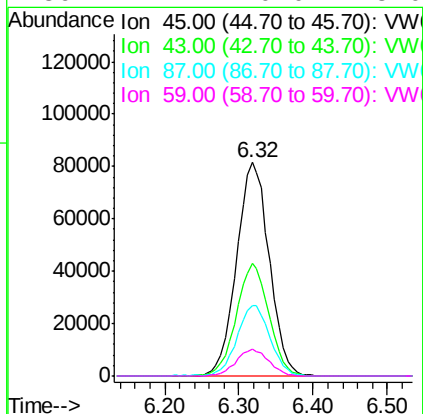
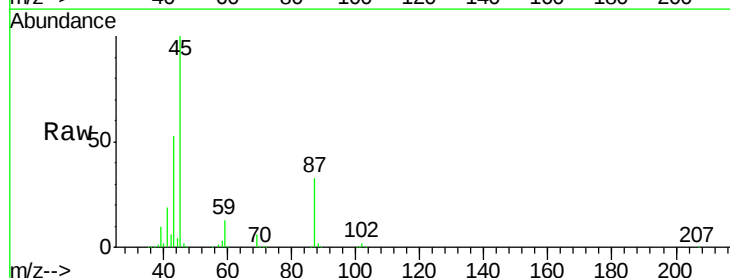
Ion Ratio Lower Upper

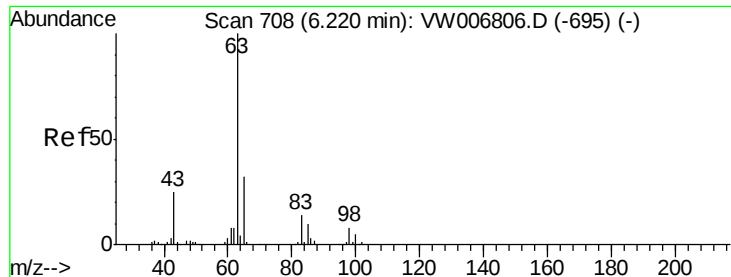
45 100

43 52.6 43.7 65.5

87 32.9 27.2 40.8

59 12.7 10.0 15.0





#24

1,1-Dichloroethane

Concen: 11.151 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOILDL

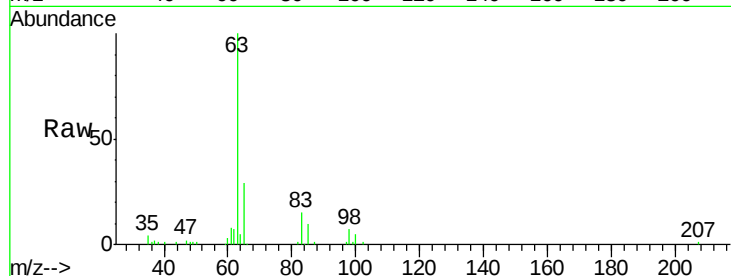
Tgt Ion: 63 Resp: 46262

Ion Ratio Lower Upper

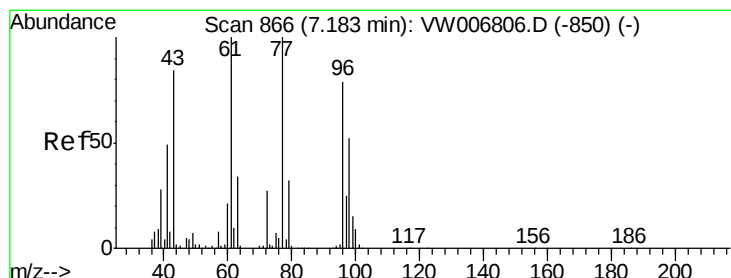
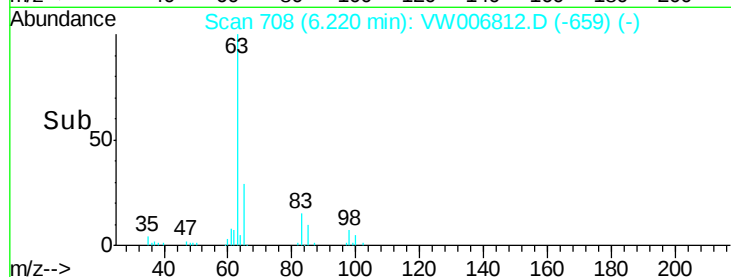
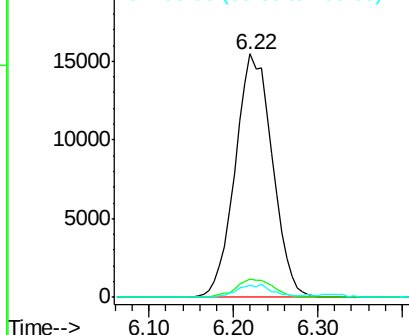
63 100

98 7.4 3.9 11.5

100 4.8 2.4 7.2



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



#25

2-Butanone

Concen: 92.775 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006812.D

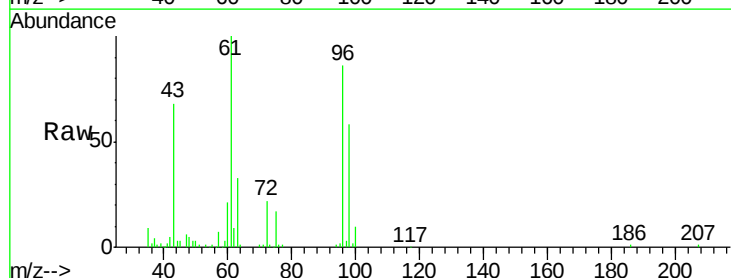
Acq: 12 Nov 2018 17:48

Tgt Ion: 43 Resp: 49940

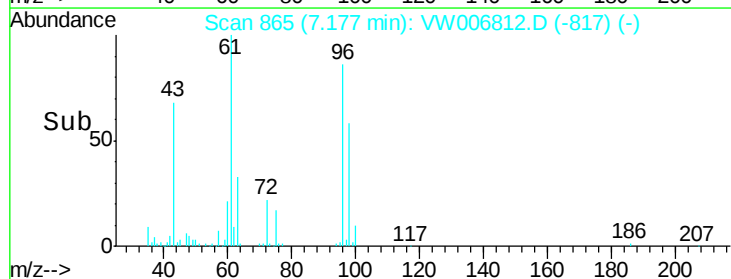
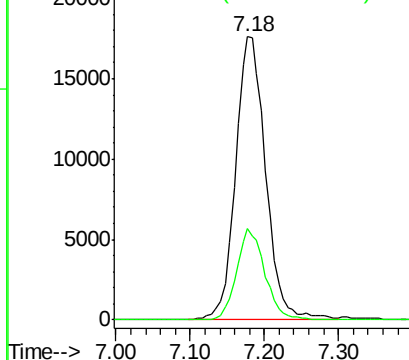
Ion Ratio Lower Upper

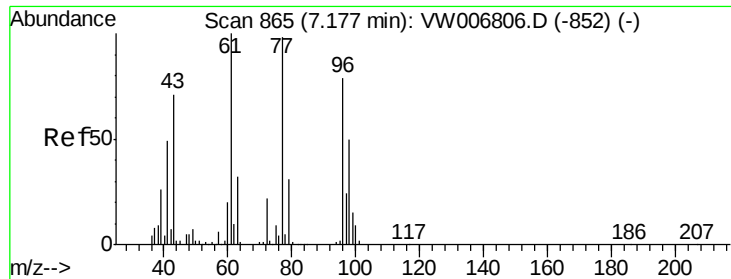
43 100

72 32.1 25.3 37.9



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



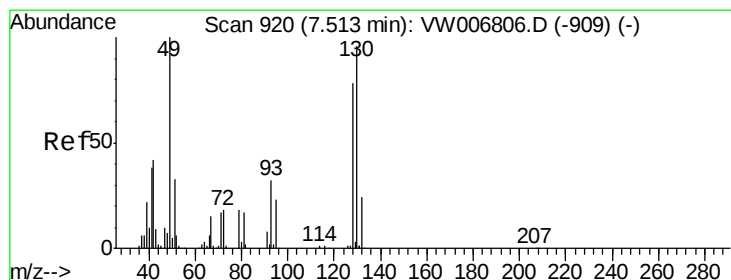
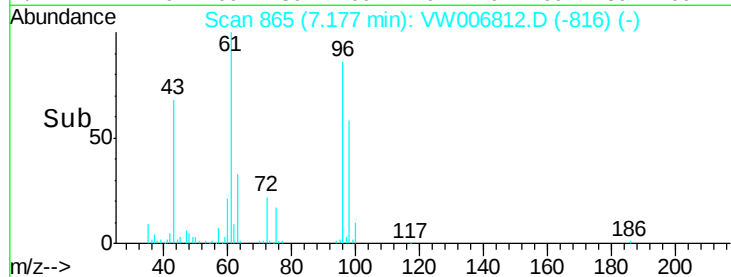
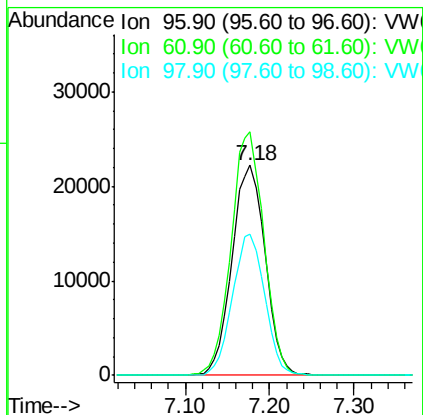
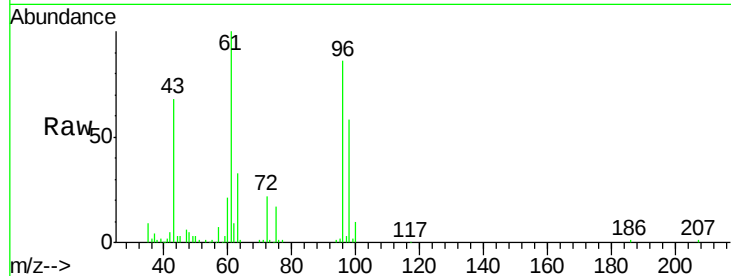


#27

cis-1,2-Dichloroethene
Concen: 20.612 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILDL

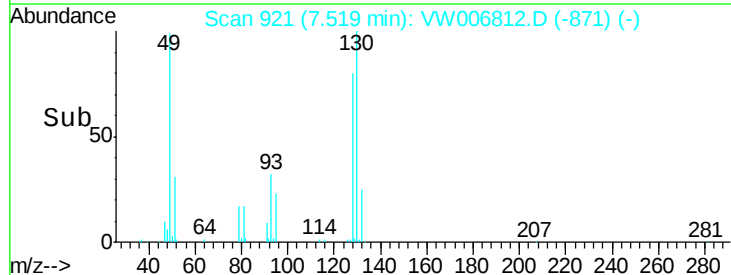
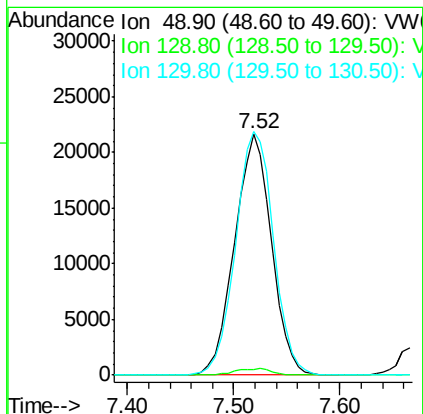
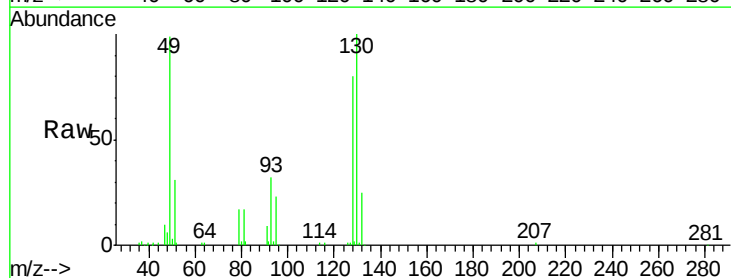
Tgt Ion: 96 Resp: 59348
Ion Ratio Lower Upper
96 100
61 114.6 0.0 264.0
98 65.1 0.0 131.0

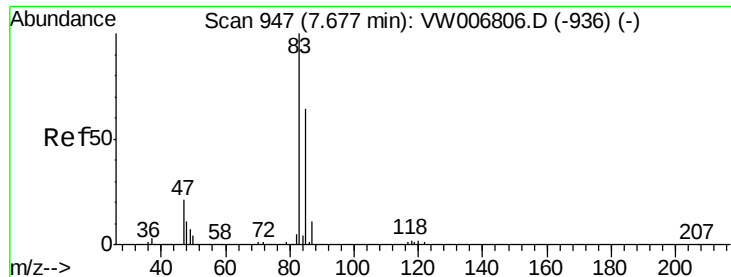


#28

Bromochloromethane
Concen: 36.233 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

Tgt Ion: 49 Resp: 52580
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.6
130 104.1 83.3 124.9

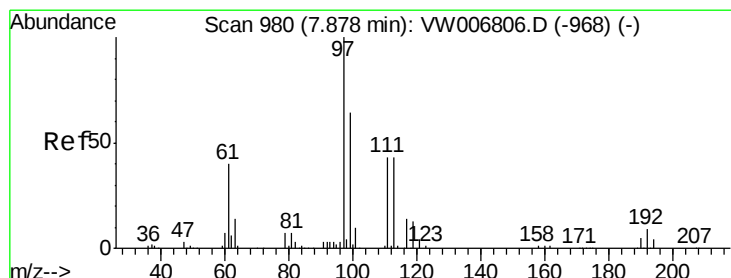
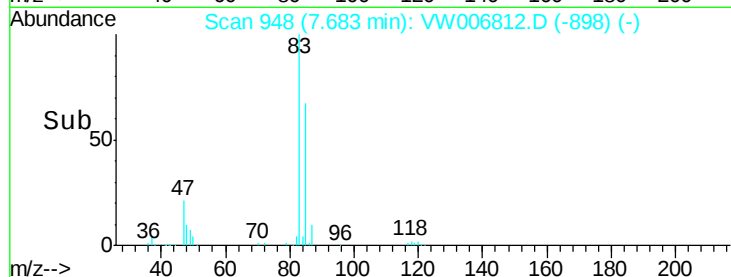
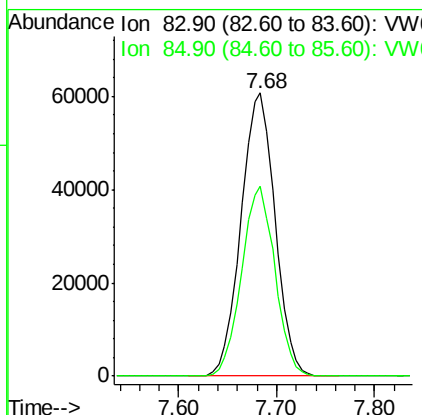
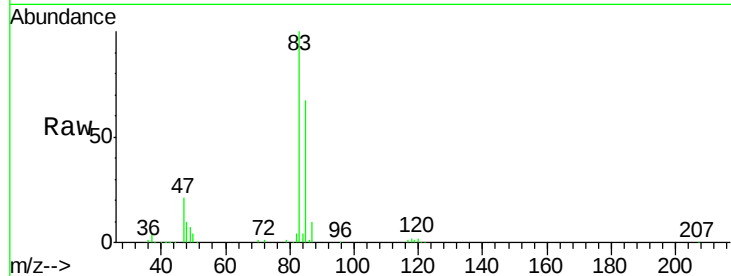




#30
Chloroform
Concen: 32.369 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

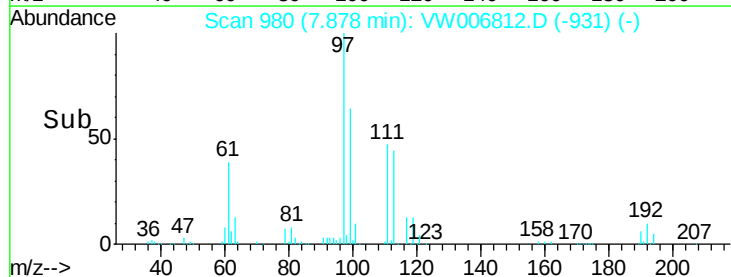
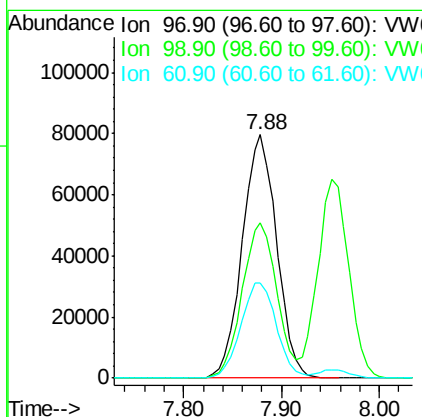
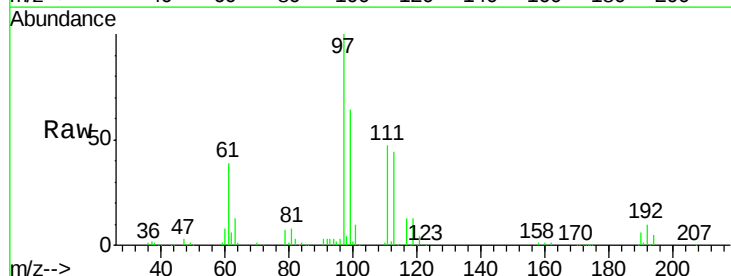
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILD

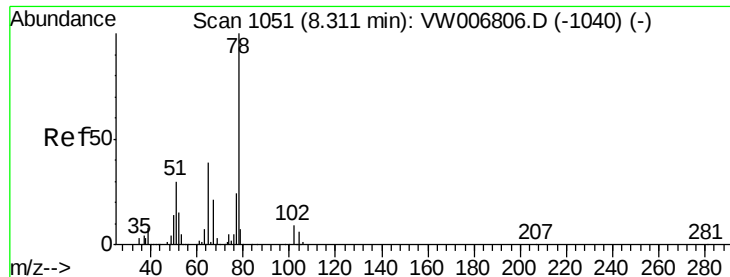
Tgt Ion: 83 Resp: 146624
Ion Ratio Lower Upper
83 100
85 67.2 51.5 77.3



#32
1,1,1-Trichloroethane
Concen: 44.471 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

Tgt Ion: 97 Resp: 194444
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 40.5 32.2 48.4

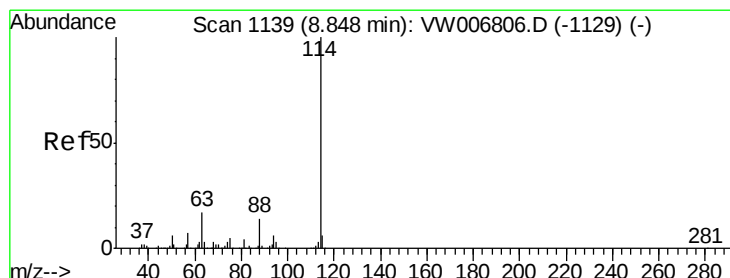
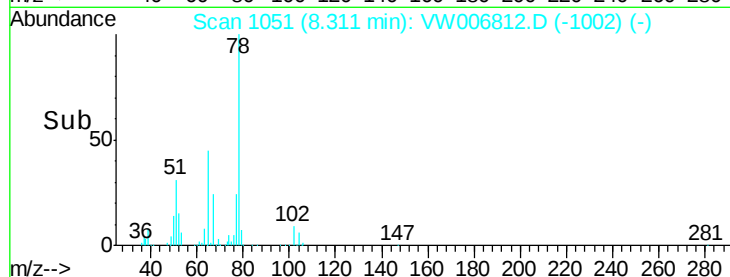
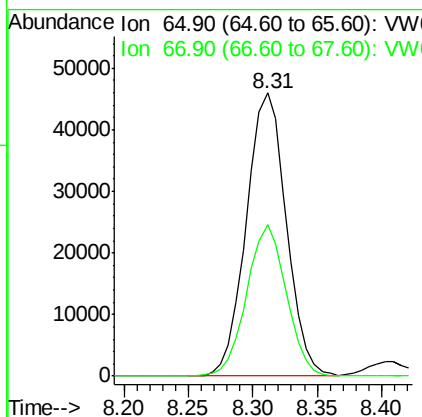
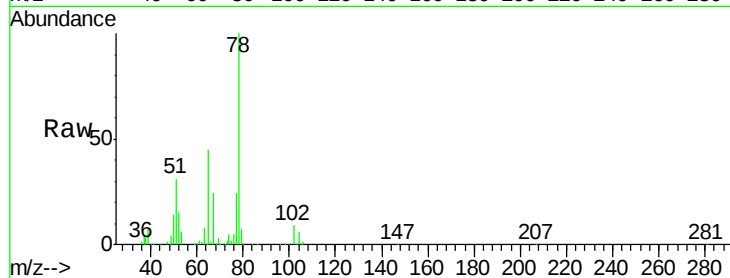




#33
 1,2-Dichloroethane-d4
 Concen: 44.555 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006812.D
 Acq: 12 Nov 2018 17:48

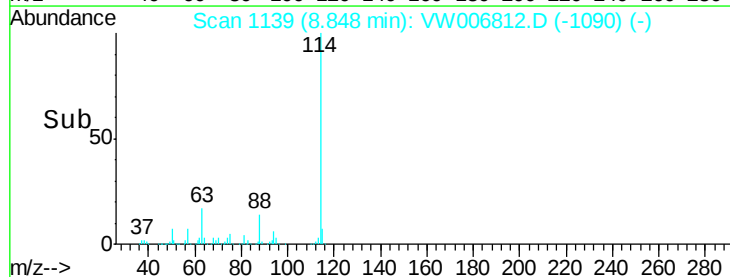
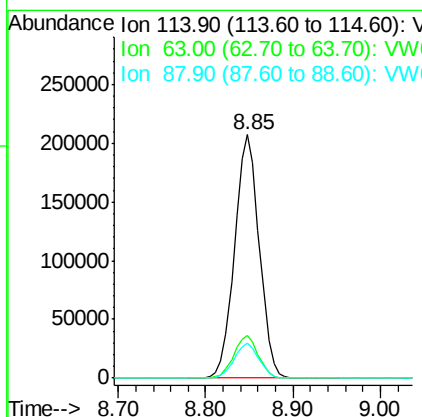
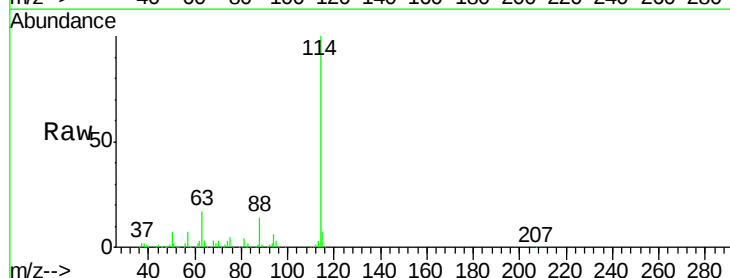
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOILDL

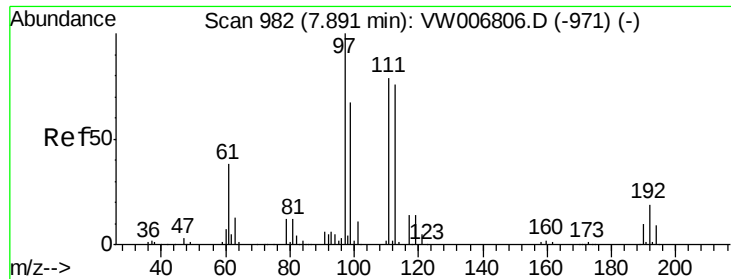
Tgt Ion: 65 Resp: 98747
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006812.D
 Acq: 12 Nov 2018 17:48

Tgt Ion: 114 Resp: 404401
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.6
 88 14.3 0.0 28.4

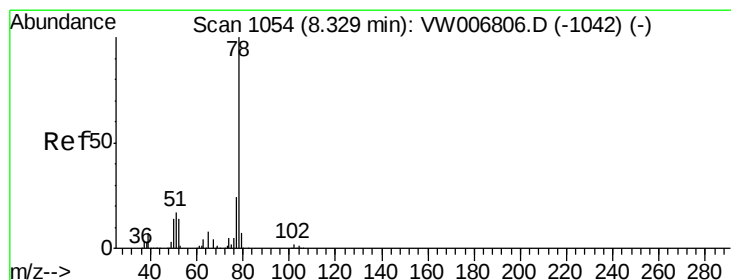
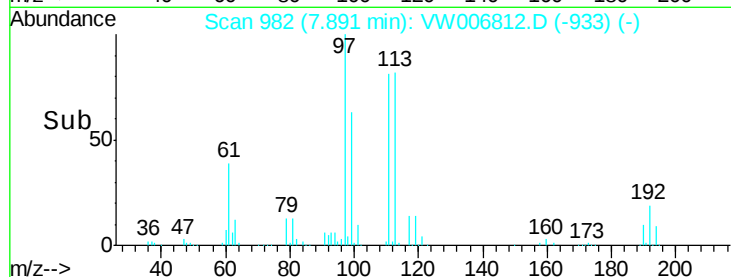
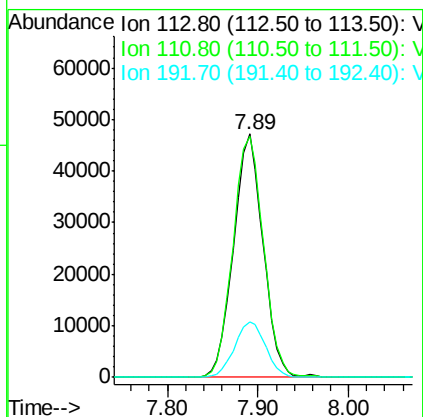
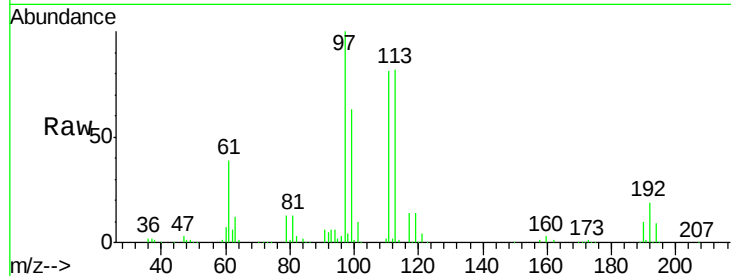




#35
Dibromofluoromethane
Concen: 44.284 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

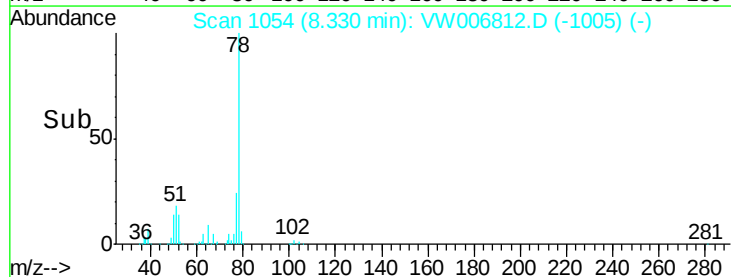
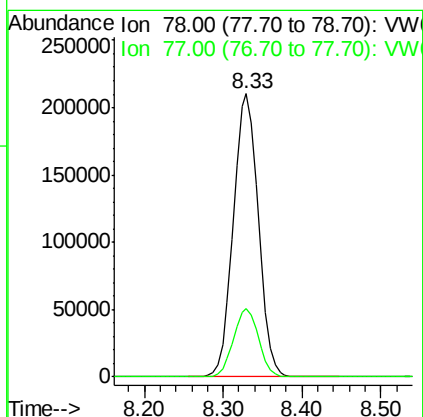
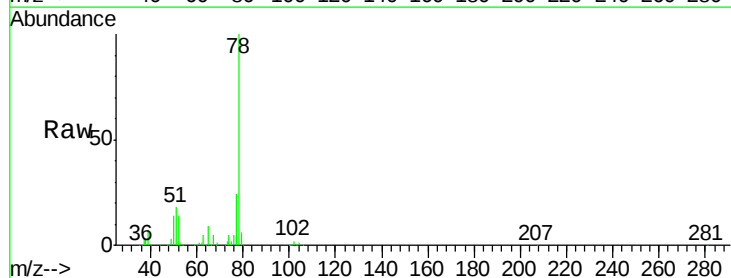
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILDL

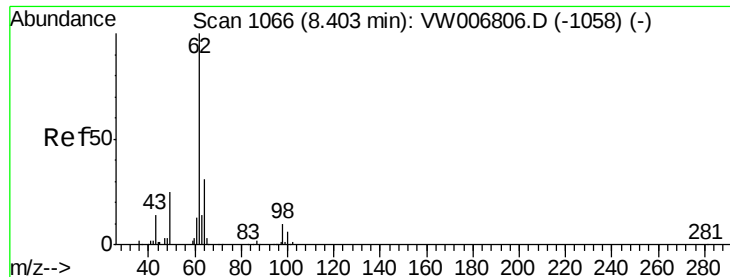
Tgt Ion:113 Resp: 106641
Ion Ratio Lower Upper
113 100
111 102.6 81.0 121.6
192 23.9 19.0 28.6



#40
Benzene
Concen: 44.086 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

Tgt Ion: 78 Resp: 463930
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





#42

1,2-Dichloroethane

Concen: 44.264 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

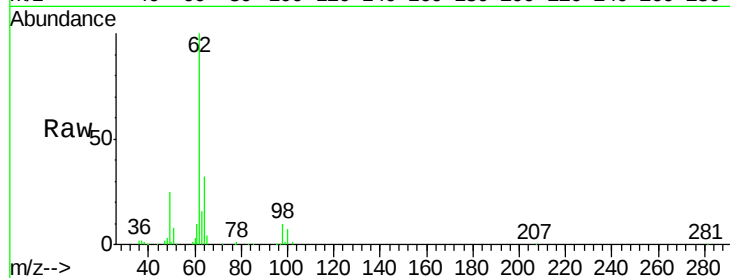
PT-VOA-SOILD

Tgt Ion: 62 Resp: 124798

Ion Ratio Lower Upper

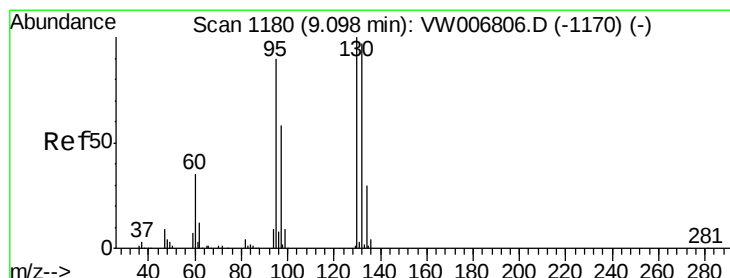
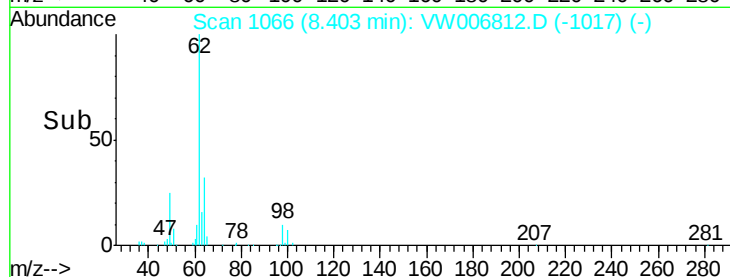
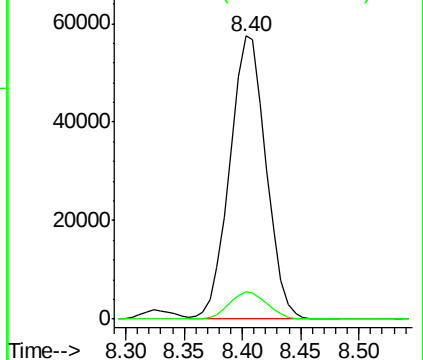
62 100

98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#44

Trichloroethene

Concen: 18.181 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006812.D

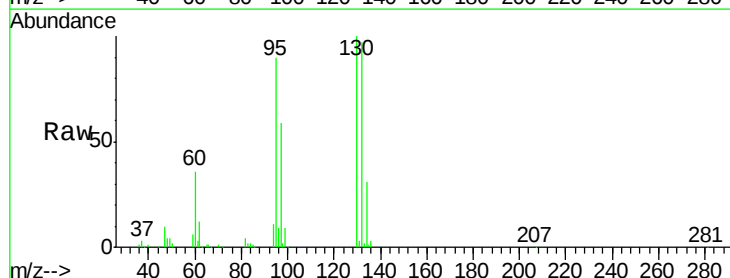
Acq: 12 Nov 2018 17:48

Tgt Ion: 130 Resp: 60370

Ion Ratio Lower Upper

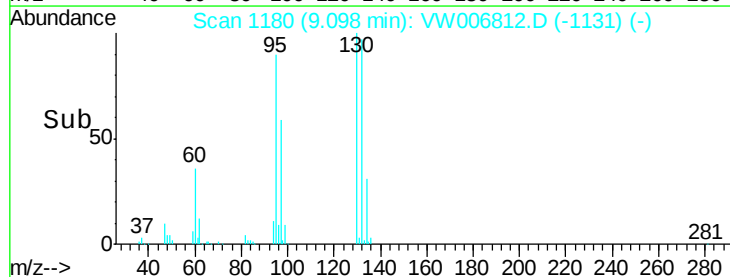
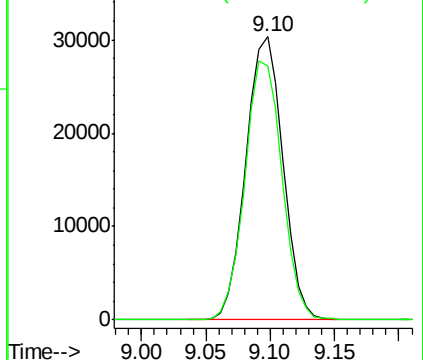
130 100

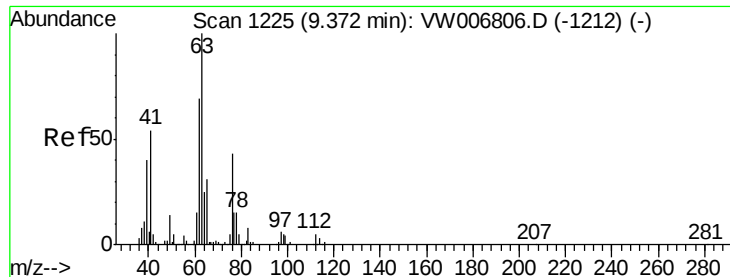
95 89.9 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

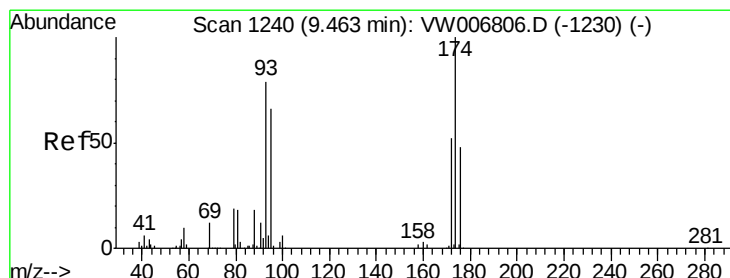
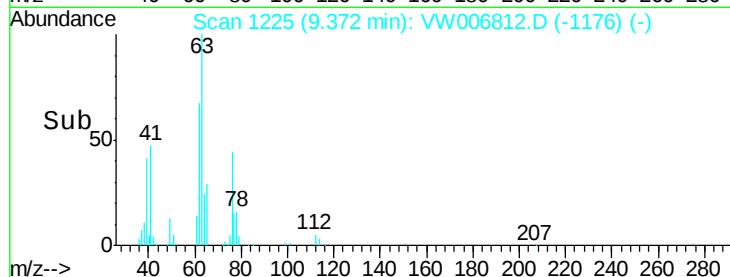
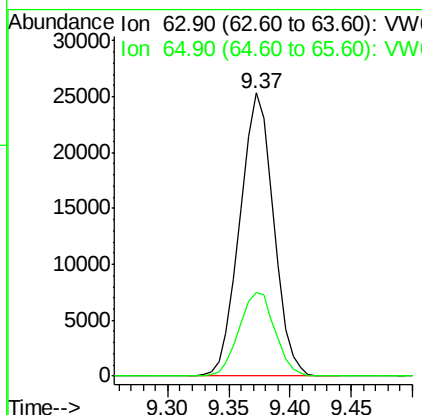
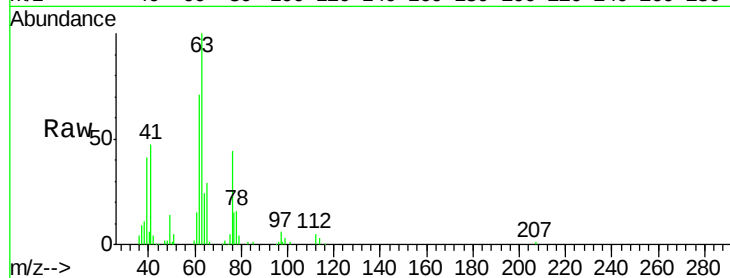




#45
 1,2-Dichloropropane
 Concen: 19.821 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006812.D
 Acq: 12 Nov 2018 17:48

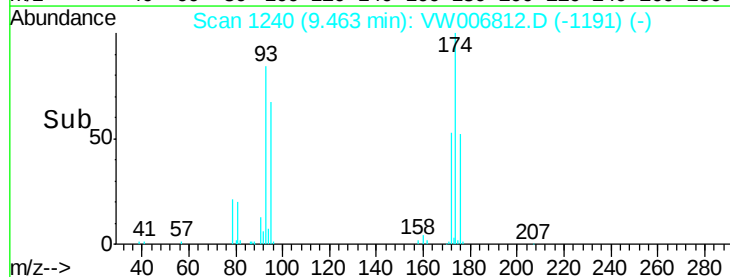
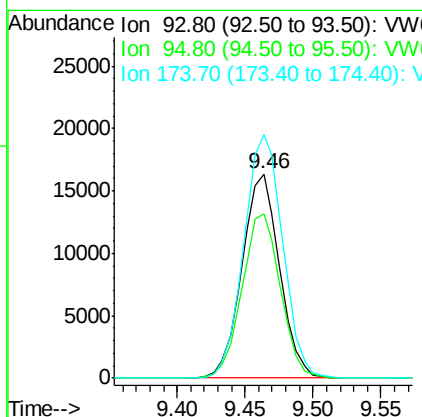
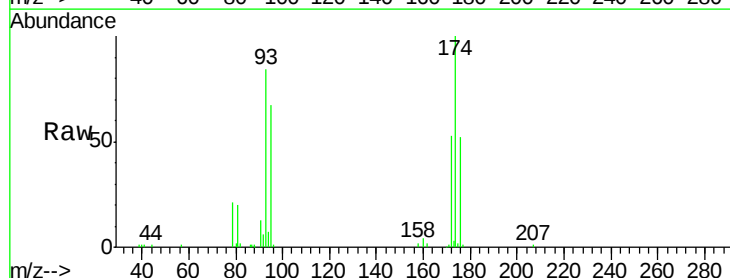
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOILDL

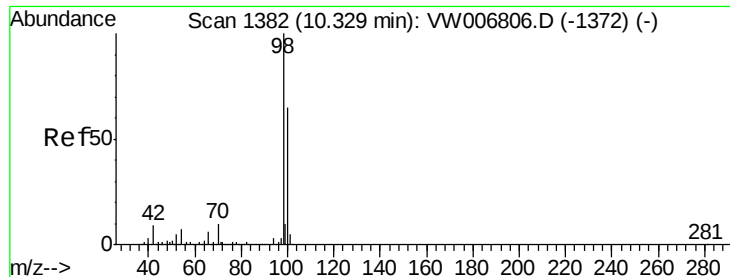
Tgt Ion: 63 Resp: 48614
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.4 36.6



#46
 Dibromomethane
 Concen: 23.133 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006812.D
 Acq: 12 Nov 2018 17:48

Tgt Ion: 93 Resp: 31582
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.6
 174 123.5 98.6 147.8





#50

Toluene-d8

Concen: 44.656 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

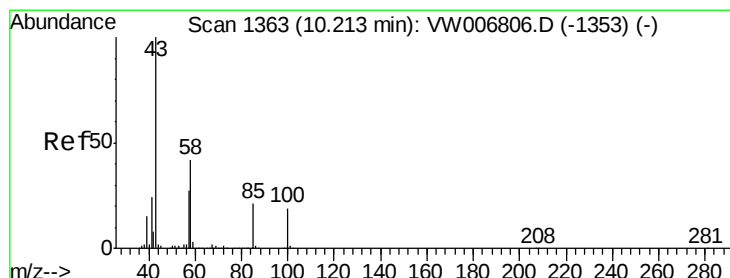
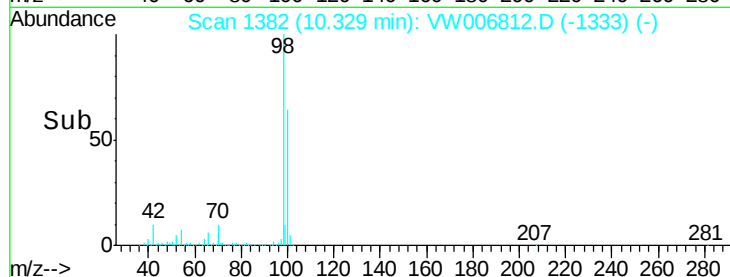
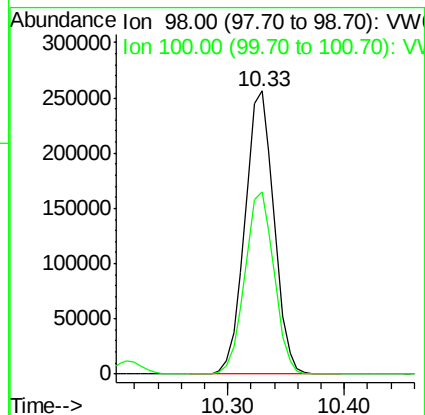
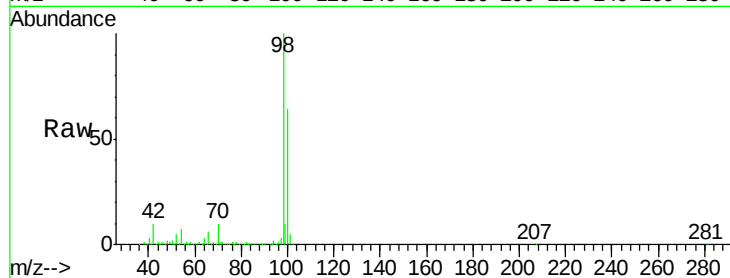
PT-VOA-SOILDL

Tgt Ion: 98 Resp: 445717

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.2



#51

4-Methyl-2-Pentanone

Concen: 91.264 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006812.D

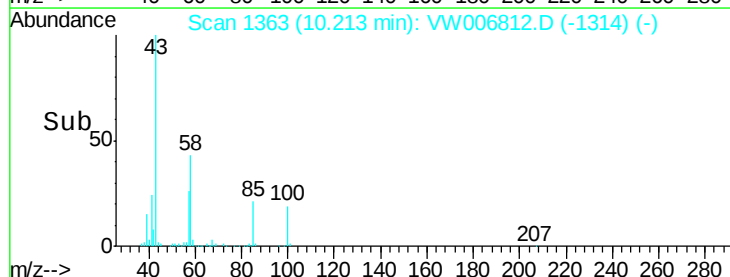
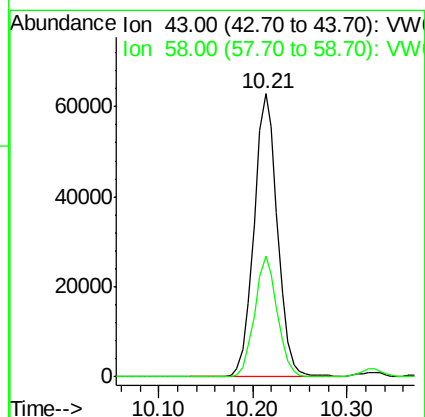
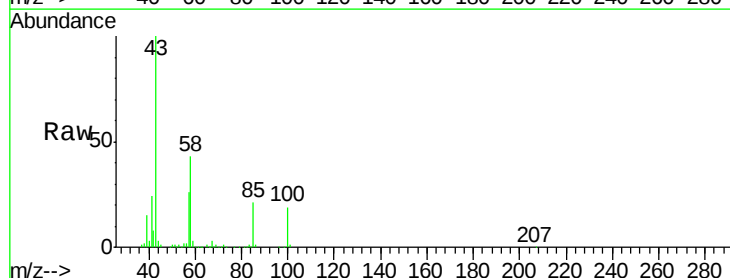
Acq: 12 Nov 2018 17:48

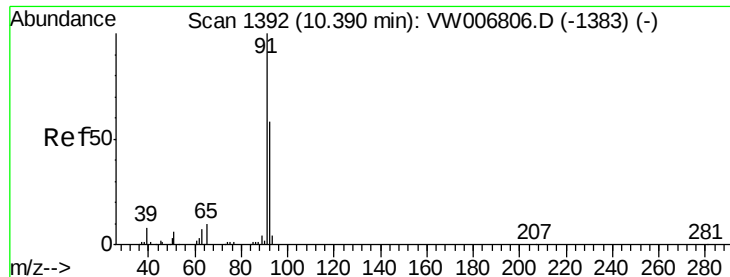
Tgt Ion: 43 Resp: 110136

Ion Ratio Lower Upper

43 100

58 41.5 34.0 51.0





#52

Toluene

Concen: 44.051 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

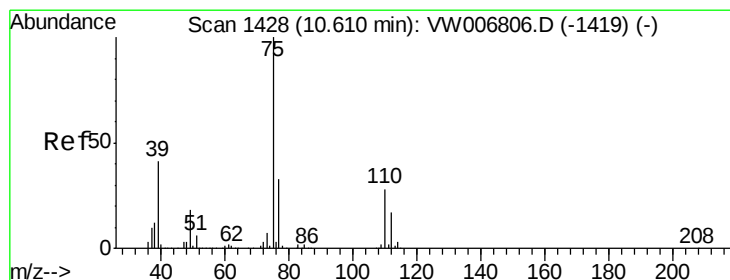
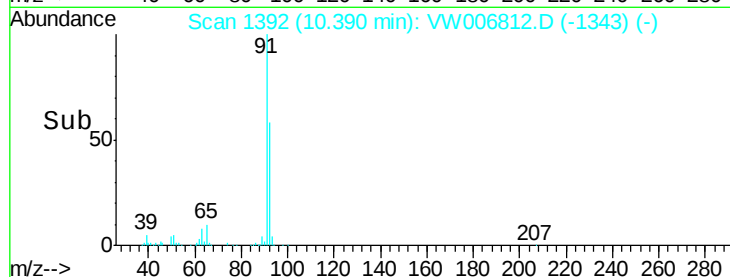
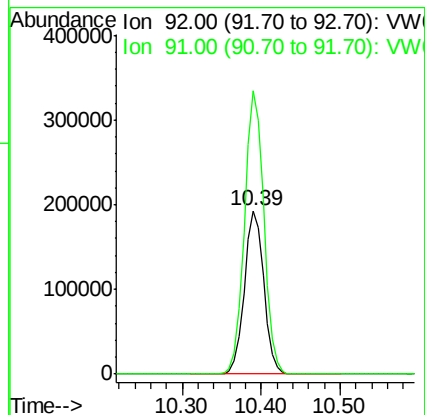
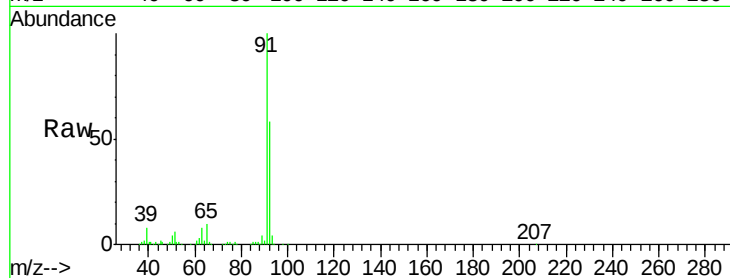
PT-VOA-SOILDL

Tgt Ion: 92 Resp: 328631

Ion Ratio Lower Upper

92 100

91 173.2 139.4 209.2



#53

t-1,3-Dichloropropene

Concen: 10.691 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006812.D

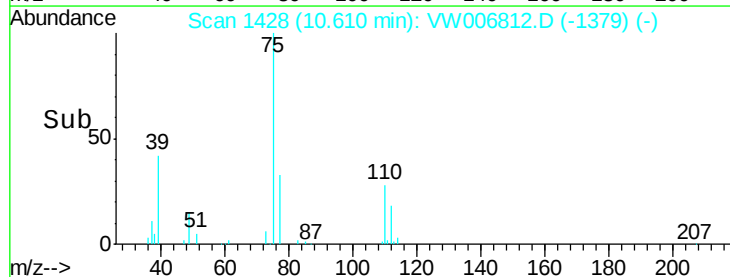
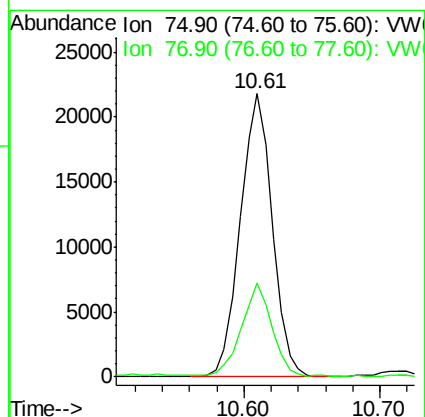
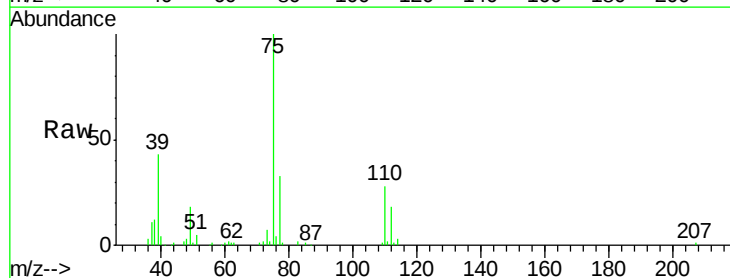
Acq: 12 Nov 2018 17:48

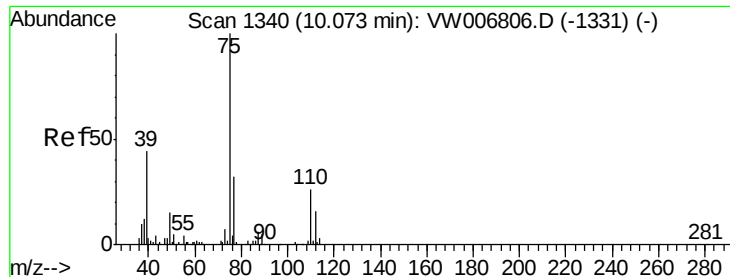
Tgt Ion: 75 Resp: 35639

Ion Ratio Lower Upper

75 100

77 32.9 26.3 39.5

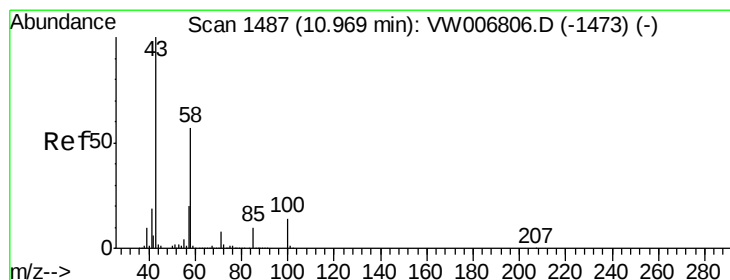
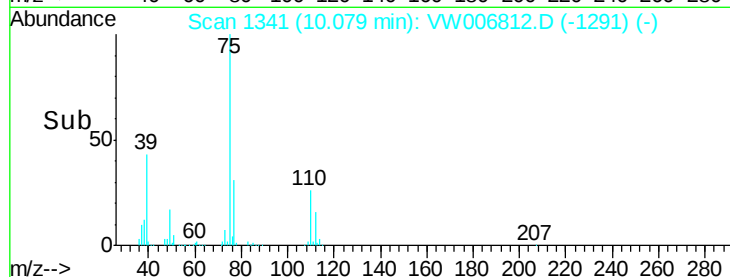
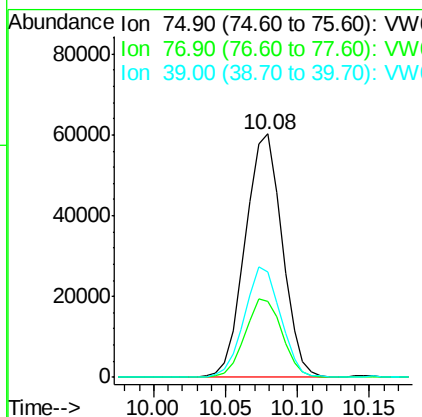
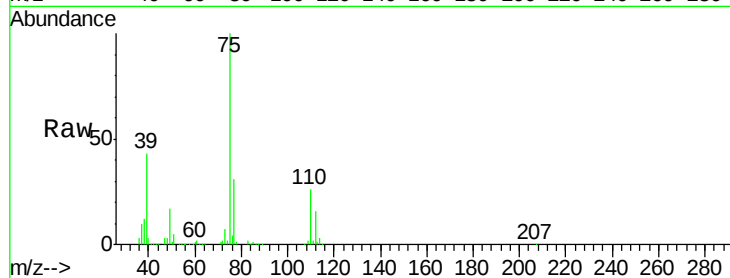




#54
 cis-1,3-Dichloropropene
 Concen: 27.125 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW006812.D
 Acq: 12 Nov 2018 17:48

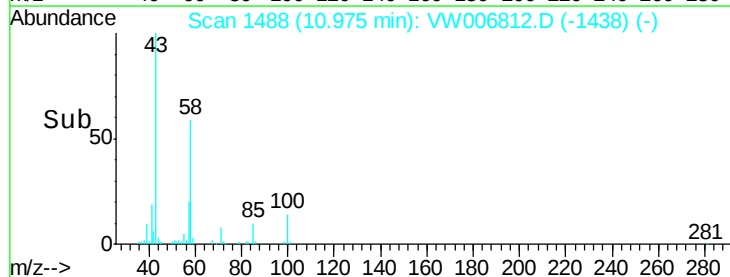
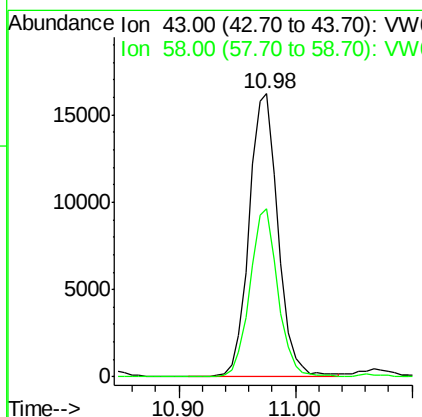
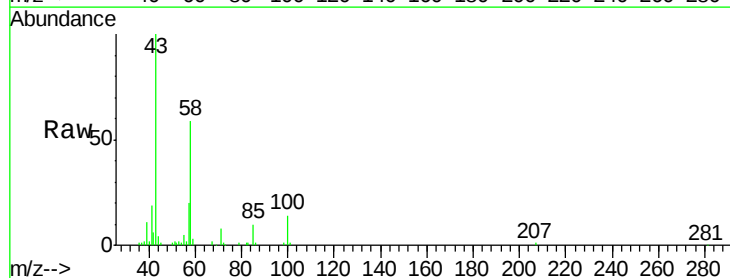
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOILDL

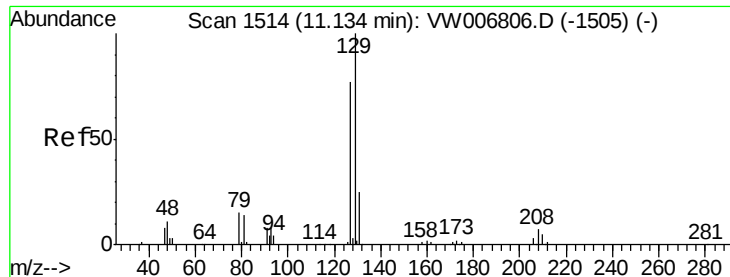
Tgt Ion: 75 Resp: 107223
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 43.1 35.3 52.9



#59
 2-Hexanone
 Concen: 33.727 ug/l
 RT: 10.98 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VW006812.D
 Acq: 12 Nov 2018 17:48

Tgt Ion: 43 Resp: 28074
 Ion Ratio Lower Upper
 43 100
 58 57.2 28.7 86.1





#60

Dibromochloromethane

Concen: 13.571 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

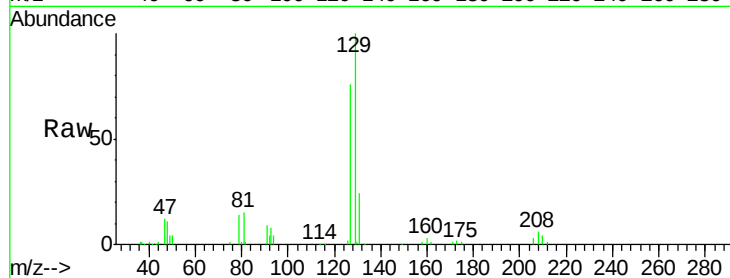
PT-VOA-SOILDL

Tgt Ion:129 Resp: 33641

Ion Ratio Lower Upper

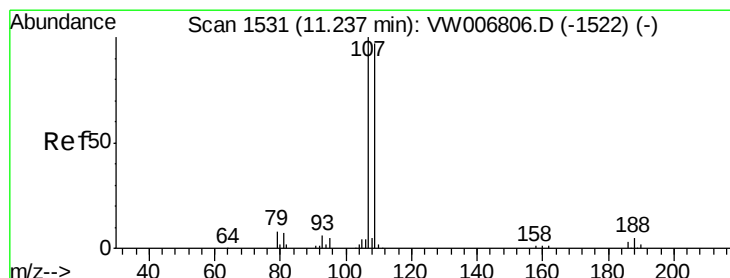
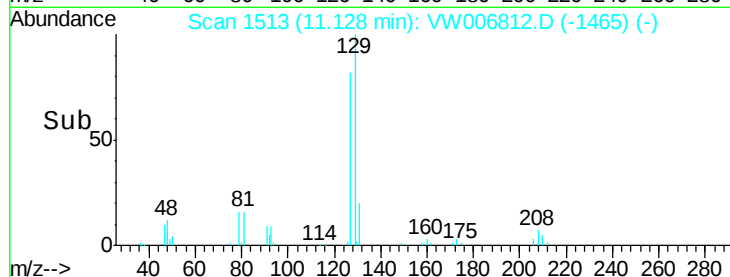
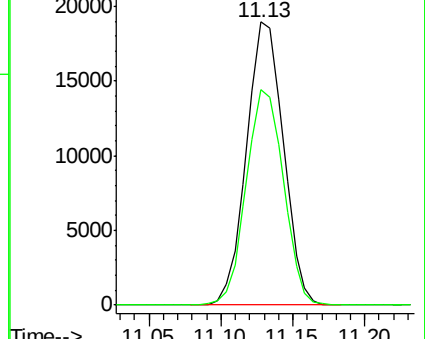
129 100

127 76.8 38.7 116.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 31.061 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006812.D

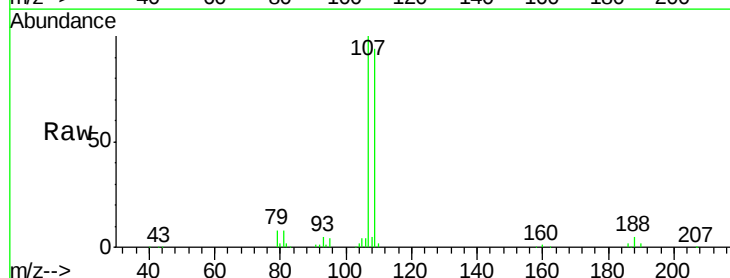
Acq: 12 Nov 2018 17:48

Tgt Ion:107 Resp: 59762

Ion Ratio Lower Upper

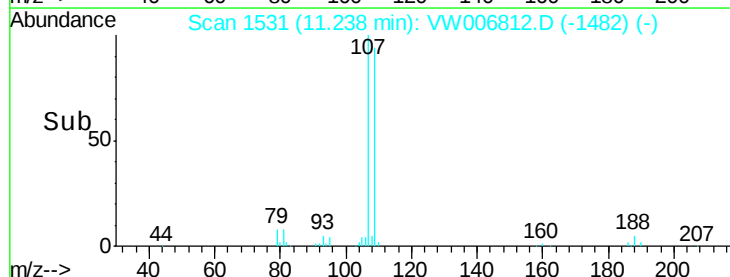
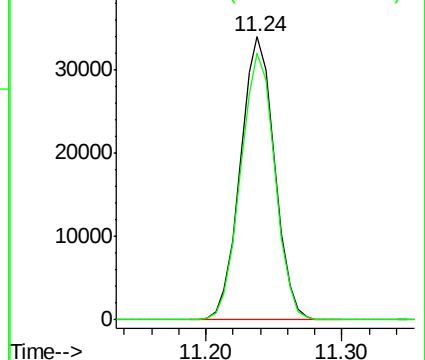
107 100

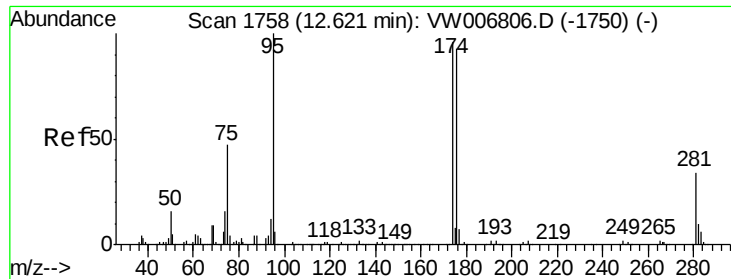
109 94.4 76.7 115.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

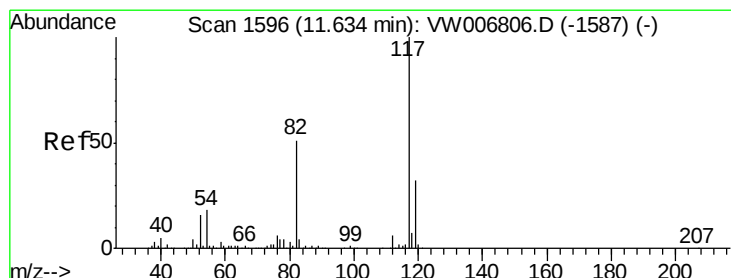
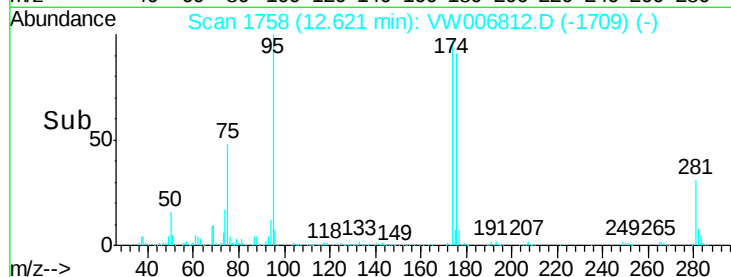
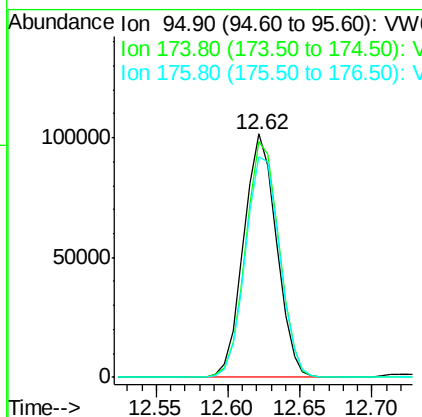
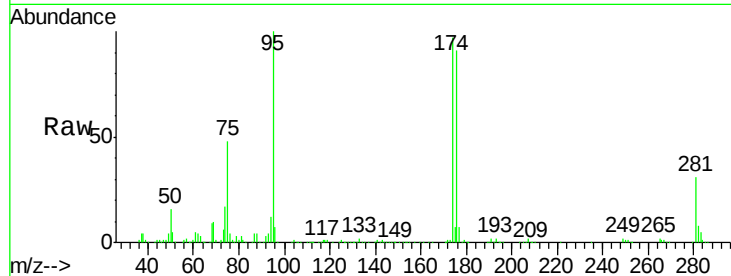




#62
4-Bromofluorobenzene
Concen: 43.657 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

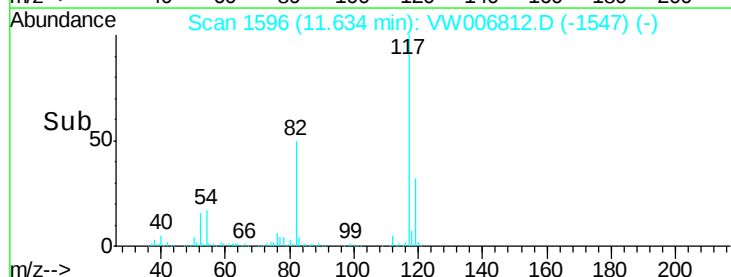
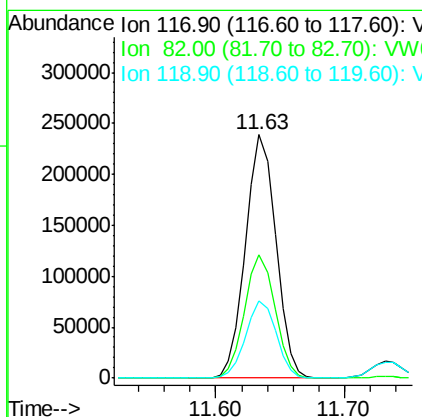
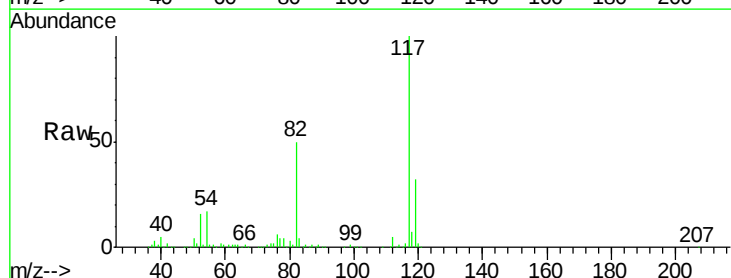
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILDL

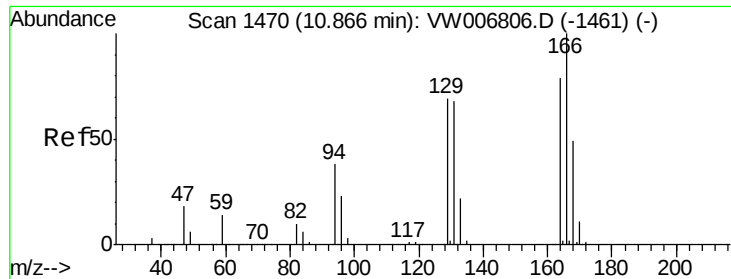
Tgt Ion: 95 Resp: 160492
Ion Ratio Lower Upper
95 100
174 98.3 0.0 196.6
176 94.3 0.0 191.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

Tgt Ion: 117 Resp: 389909
Ion Ratio Lower Upper
117 100
82 50.5 40.6 61.0
119 32.0 25.5 38.3

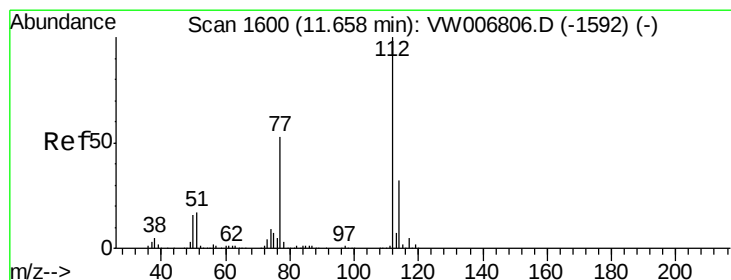
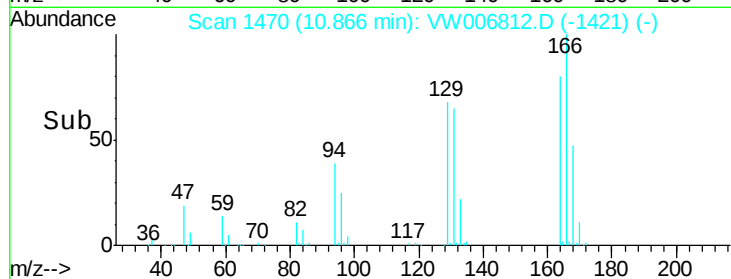
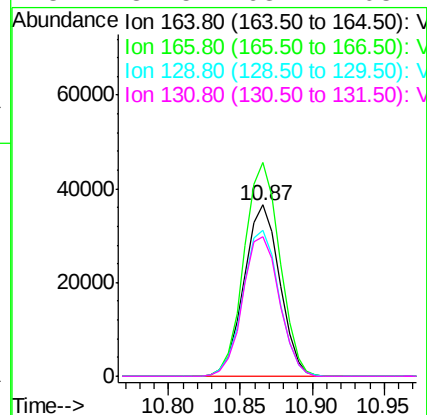
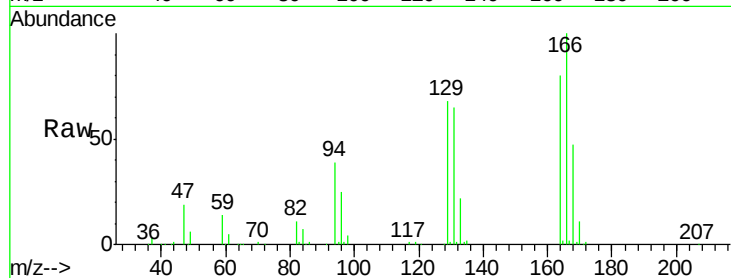




#64
Tetrachloroethene
Concen: 20.054 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

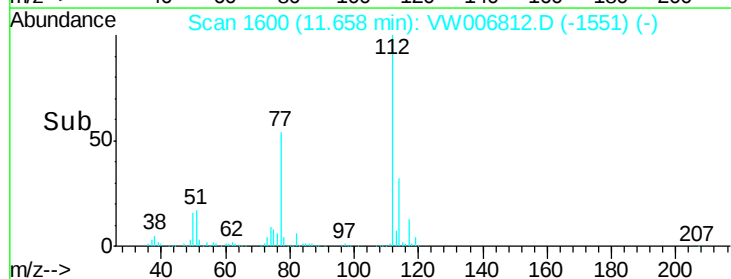
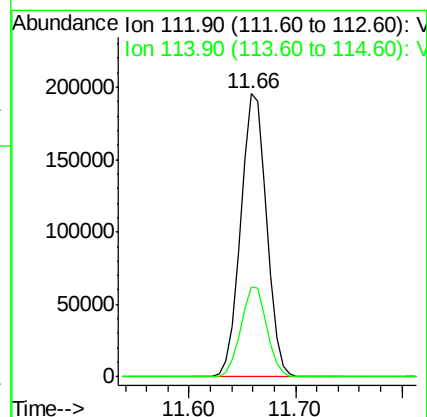
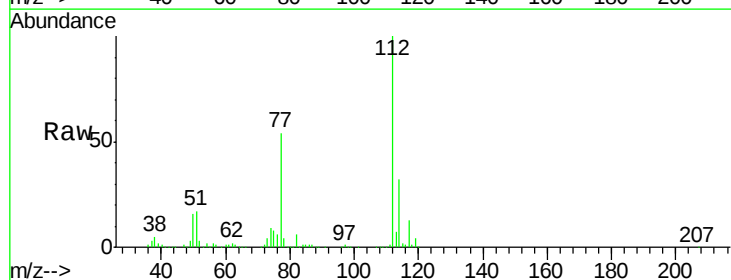
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILDL

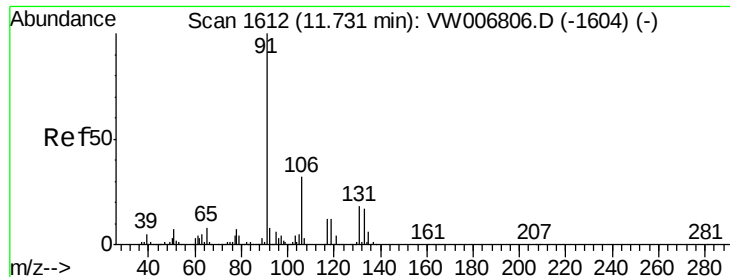
Tgt Ion:164 Resp: 62661
Ion Ratio Lower Upper
164 100
166 124.7 101.3 151.9
129 84.9 69.6 104.4
131 81.5 68.7 103.1



#65
Chlorobenzene
Concen: 38.570 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

Tgt Ion:112 Resp: 333634
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 14.892 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOILDL

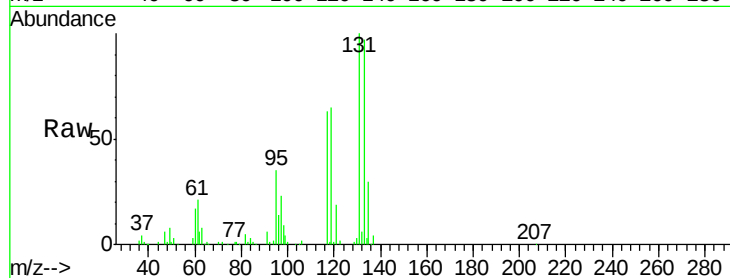
Tgt Ion:131 Resp: 41800

Ion Ratio Lower Upper

131 100

133 99.1 47.9 143.8

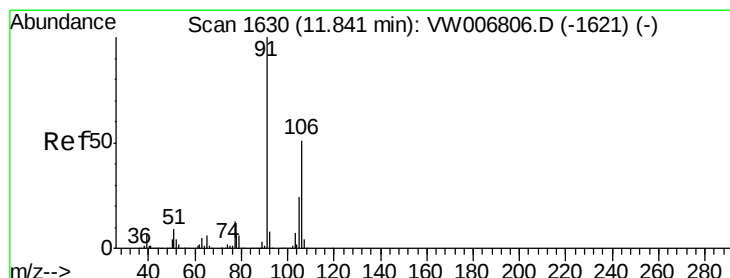
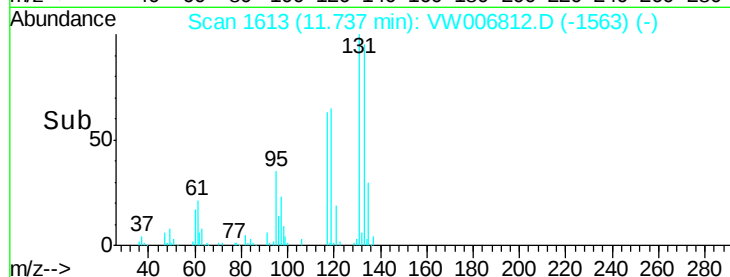
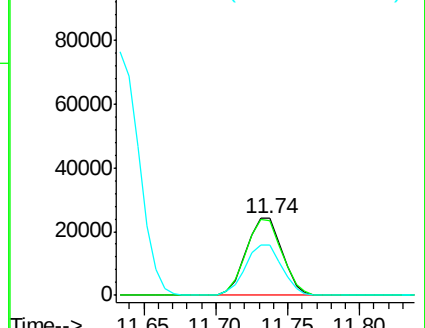
119 66.9 32.4 97.2



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



#68

m/p-Xylenes

Concen: 37.854 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006812.D

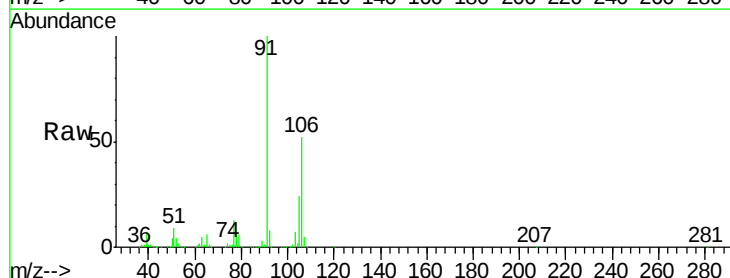
Acq: 12 Nov 2018 17:48

Tgt Ion:106 Resp: 228397

Ion Ratio Lower Upper

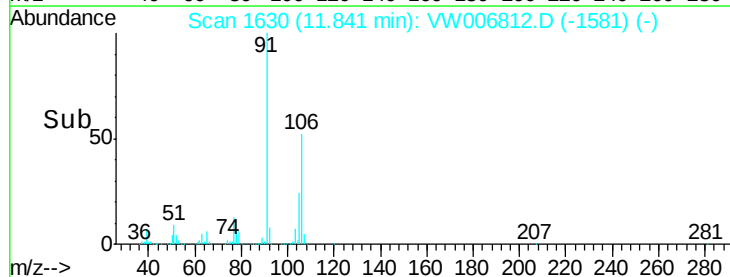
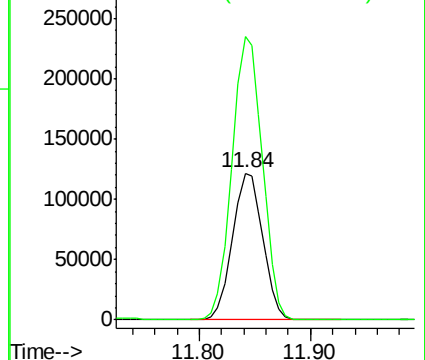
106 100

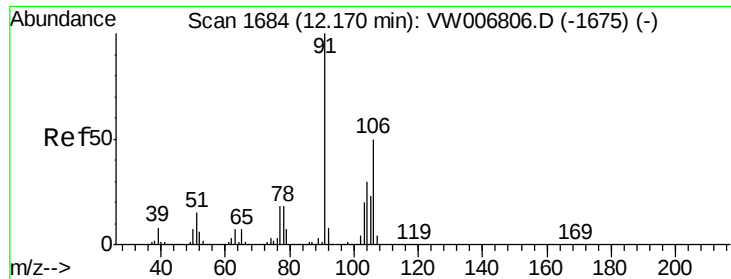
91 194.3 155.7 233.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

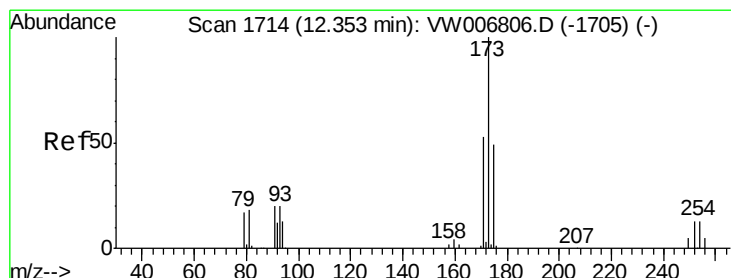
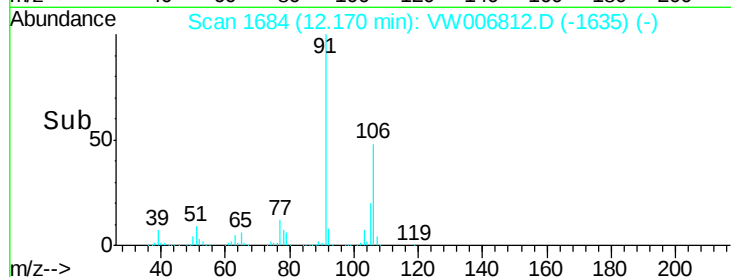
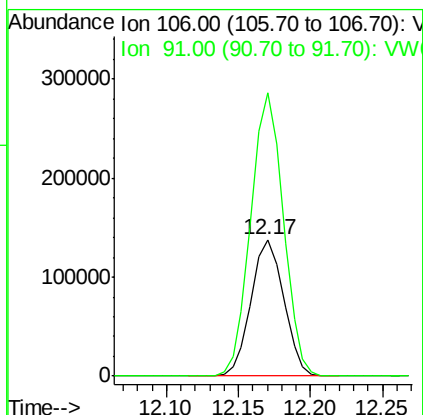
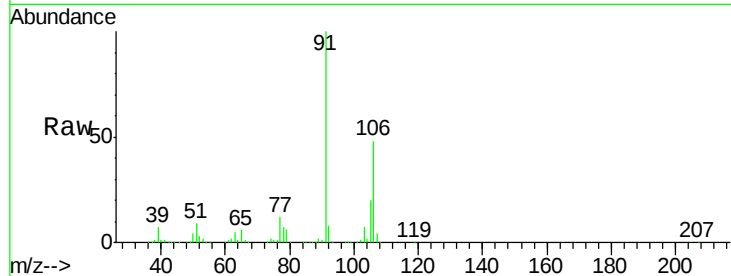




#69
o-Xylene
Concen: 38.689 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

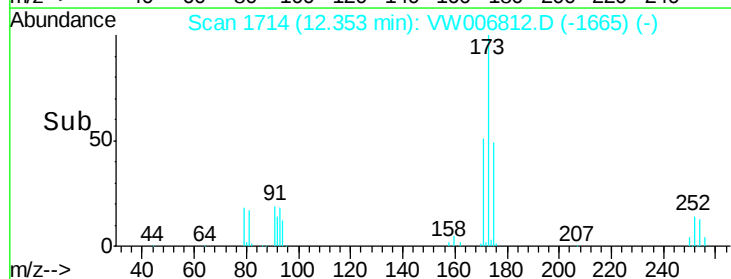
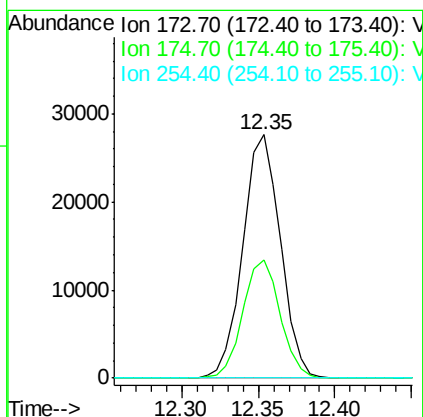
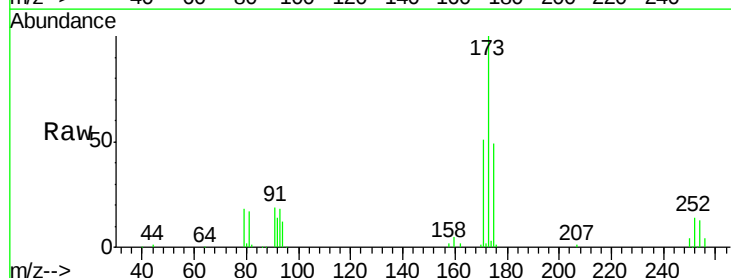
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILD

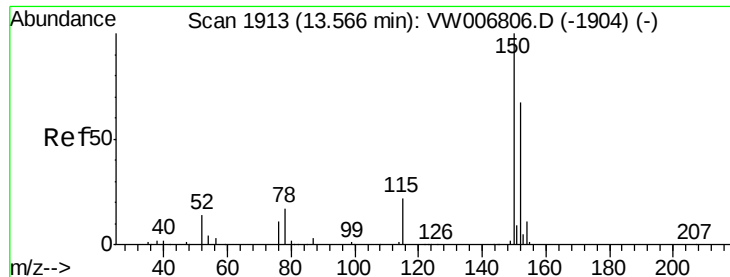
Tgt Ion:106 Resp: 217254
Ion Ratio Lower Upper
106 100
91 206.2 101.9 305.7



#71
Bromoform
Concen: 30.729 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

Tgt Ion:173 Resp: 47072
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.4
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOILDL

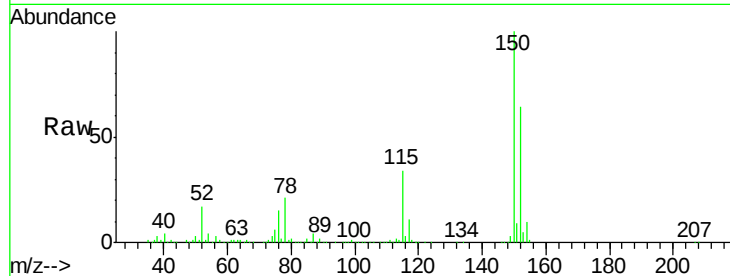
Tgt Ion:152 Resp: 219105

Ion Ratio Lower Upper

152 100

115 54.0 27.3 81.8

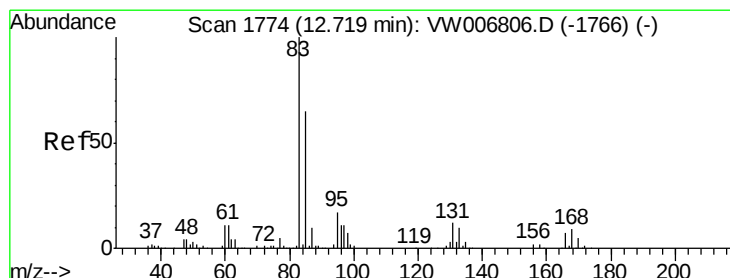
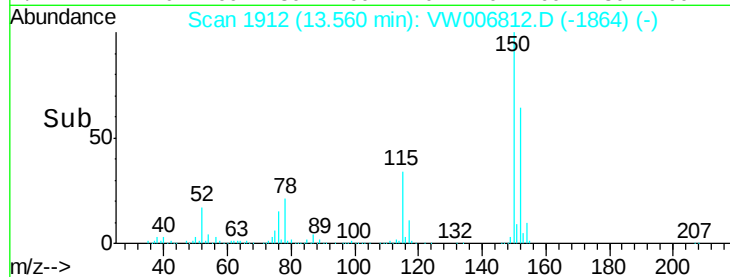
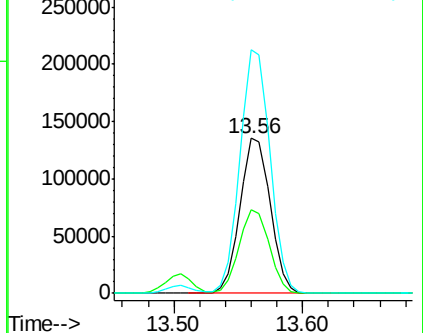
150 157.1 0.0 353.0



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: 6.364 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

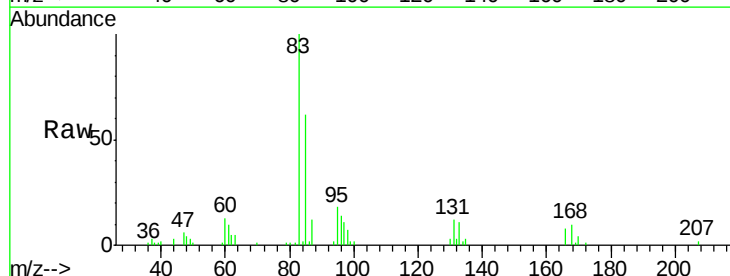
Tgt Ion: 83 Resp: 13389

Ion Ratio Lower Upper

83 100

131 12.3 6.1 18.3

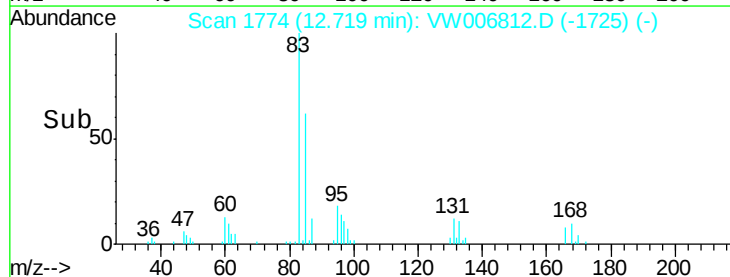
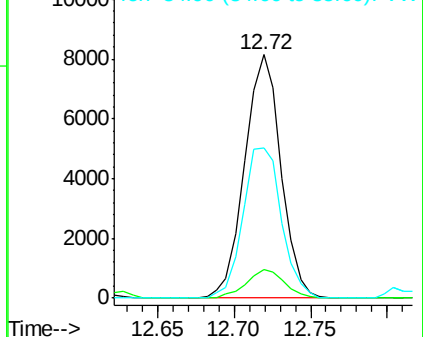
85 65.4 32.4 97.0

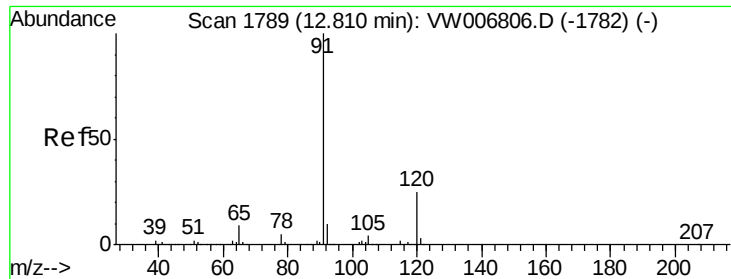


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

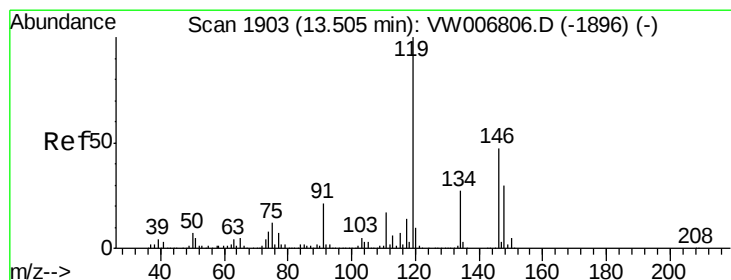
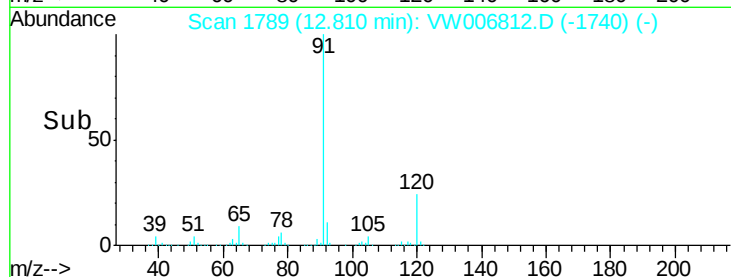
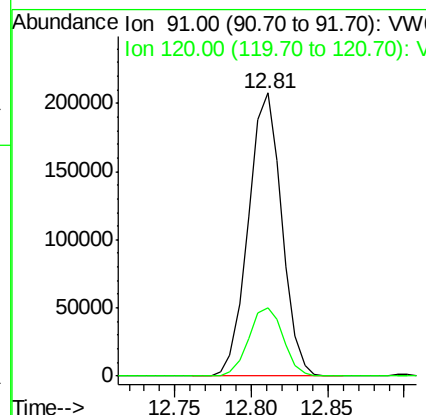
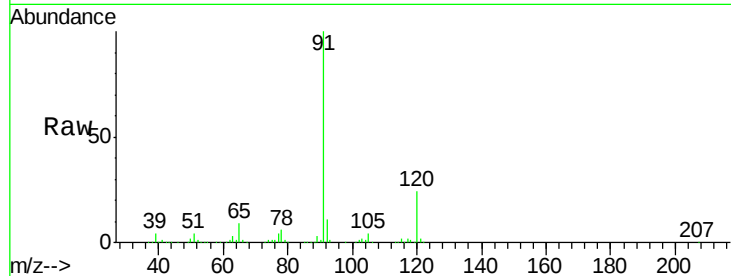




#78
n-propylbenzene
Concen: 17.575 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

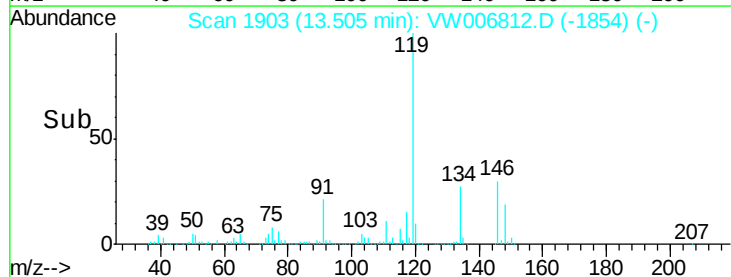
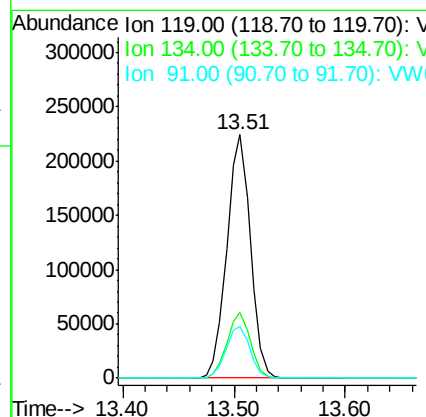
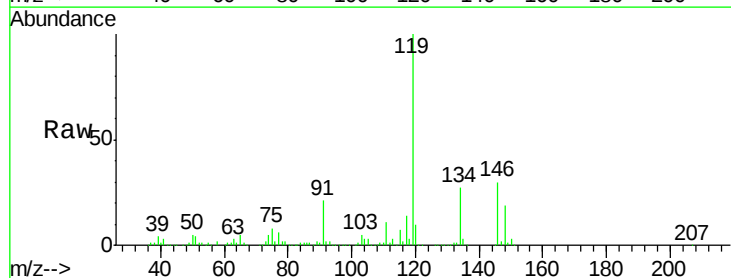
Instrument :
MSVOA_W
ClientSampleId :
PT-VOA-SOILDL

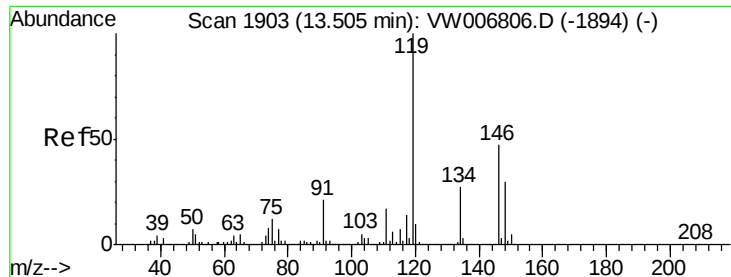
Tgt Ion: 91 Resp: 315468
Ion Ratio Lower Upper
91 100
120 24.9 12.4 37.4



#86
p-Isopropyltoluene
Concen: 21.961 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006812.D
Acq: 12 Nov 2018 17:48

Tgt Ion: 119 Resp: 327140
Ion Ratio Lower Upper
119 100
134 26.7 13.5 40.4
91 21.8 10.8 32.4

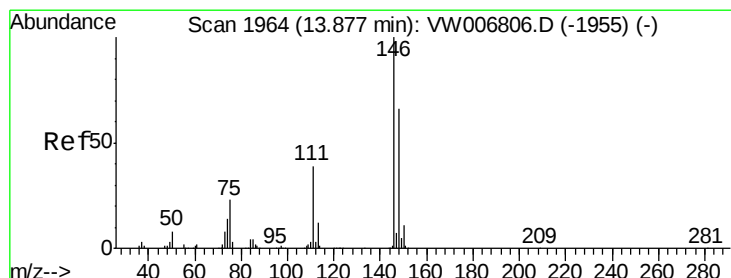
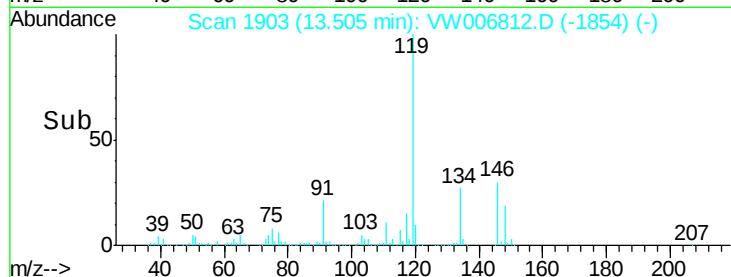
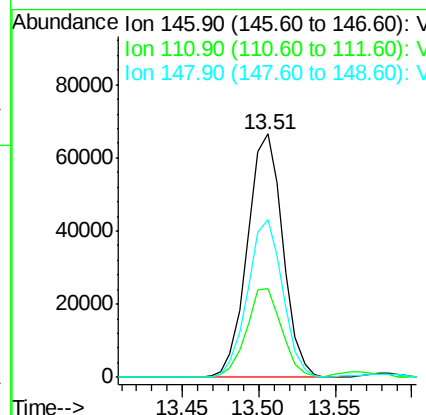
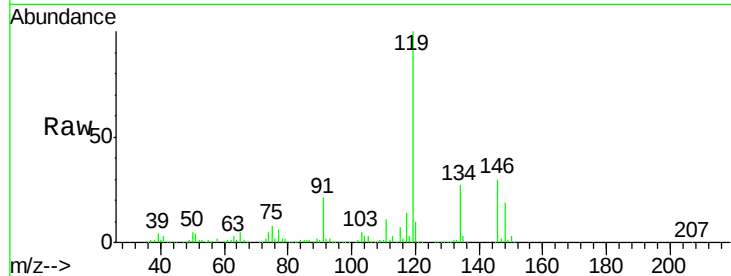




#87
 1,3-Dichlorobenzene
 Concen: 13.684 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006812.D
 Acq: 12 Nov 2018 17:48

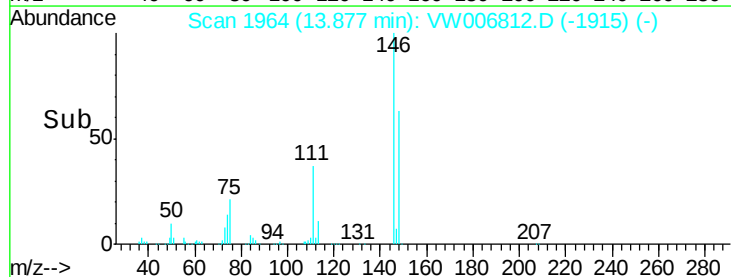
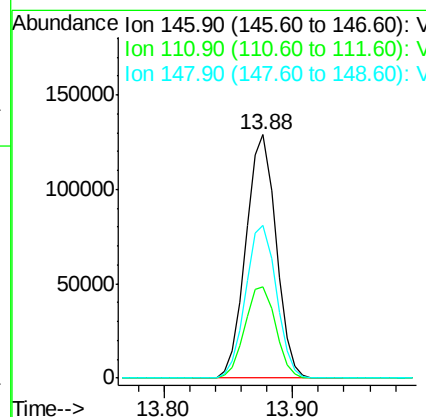
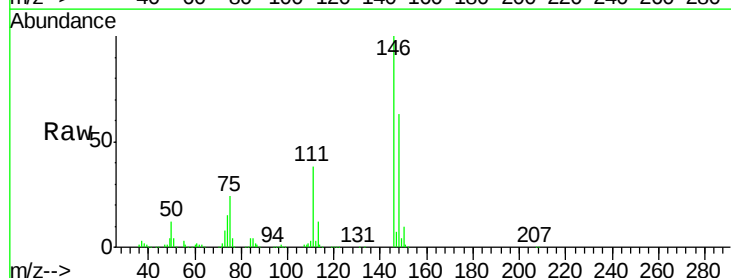
Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOILDL

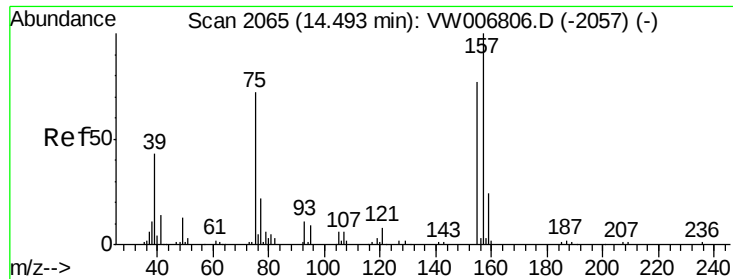
Tgt Ion:146 Resp: 106936
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.3 54.9
 148 64.4 31.9 95.9



#91
 1,2-Dichlorobenzene
 Concen: 30.656 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006812.D
 Acq: 12 Nov 2018 17:48

Tgt Ion:146 Resp: 208636
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.8
 148 63.8 32.4 97.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 18.431 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

PT-VOA-SOILDL

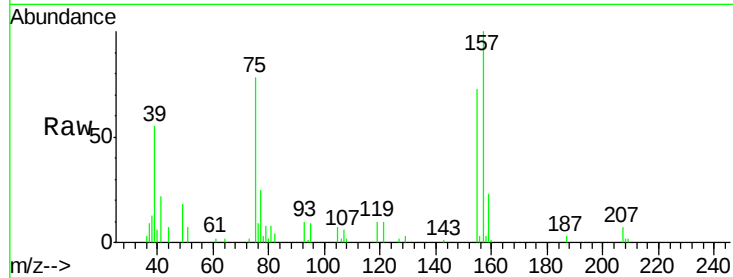
Tgt Ion: 75 Resp: 6208

Ion Ratio Lower Upper

75 100

155 99.2 51.0 153.1

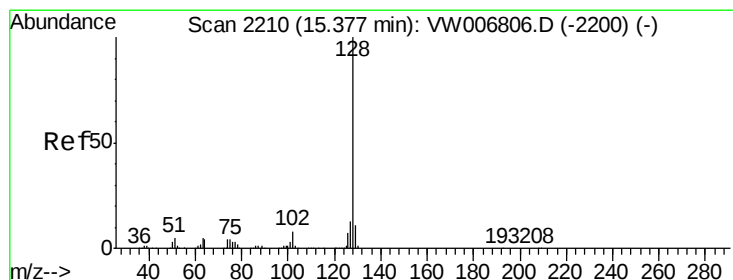
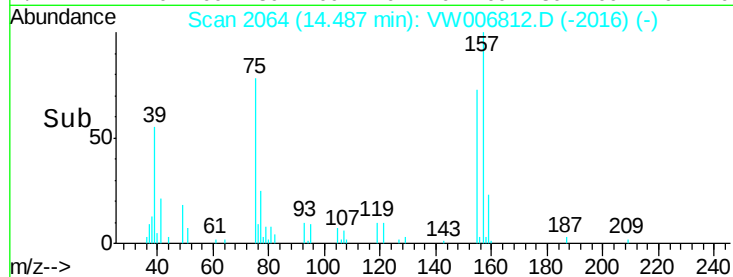
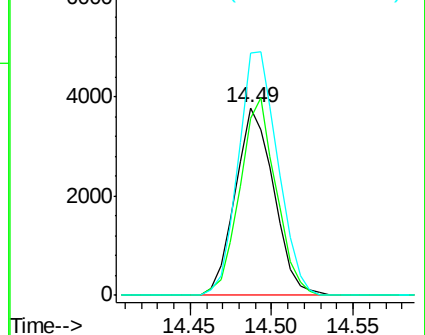
157 133.5 67.4 202.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 22.324 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006812.D

Acq: 12 Nov 2018 17:48

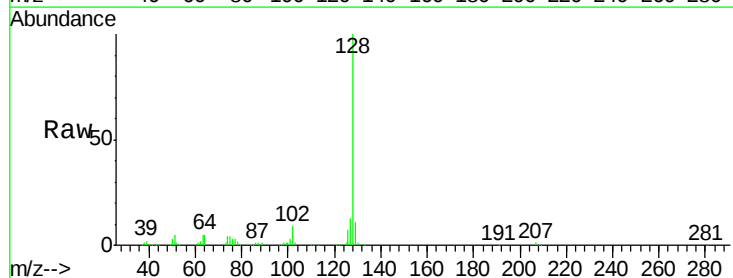
Tgt Ion: 128 Resp: 171557

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

