

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
 Data File : VY000492.D
 Acq On : 30 Oct 2019 15:35
 Operator : SY/MD
 Sample : K5609-22DL 2X
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOILDL

Quant Time: Oct 31 03:11:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	261294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	431419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	387876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	187035	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	137109	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
35) Dibromofluoromethane	7.72	113	120040	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	10.18	98	488334	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.48	95	174836	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	217802	292.246	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	269552	37.144	ug/l	94
20) Methylene Chloride	4.72	84	164962	51.657	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	97184	32.936	ug/l	97
25) 2-Butanone	7.00	43	111266	93.548	ug/l	93
27) cis-1,2-Dichloroethene	7.00	96	127011	39.365	ug/l	90
42) 1,2-Dichloroethane	8.25	62	202866	59.819	ug/l	99
44) Trichloroethene	8.94	130	164652	52.227	ug/l	97
45) 1,2-Dichloropropane	9.22	63	225672	76.685	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	273988	113.295	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	199966	48.733	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	323927	68.910	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	135525	57.895	ug/l	97
59) 2-Hexanone	10.83	43	104776	59.464	ug/l	100
60) Dibromochloromethane	10.99	129	80019	29.843	ug/l	100
61) 1,2-Dibromoethane	11.09	107	56627	25.159	ug/l	100
64) Tetrachloroethene	10.72	164	173067	53.961	ug/l	97
65) Chlorobenzene	11.52	112	418727	53.245	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	121930	44.706	ug/l	99
68) m/p-Xylenes	11.70	106	406077	72.491	ug/l	97
69) o-Xylene	12.03	106	397521	75.507	ug/l	99
70) Styrene	12.04	104	404464	44.865	ug/l	93
71) Bromoform	12.21	173	135937	86.655	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	184594	67.443	ug/l	99
78) n-propylbenzene	12.67	91	380476	22.812	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	487023	42.303	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	178645	29.096	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	517478	84.342	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	237031	42.549	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15327	31.641	ug/l	96
93) 1,2,4-Trichlorobenzene	15.01	180	235801	62.165	ug/l	98
95) Naphthalene	15.23	128	488602	58.025	ug/l	100

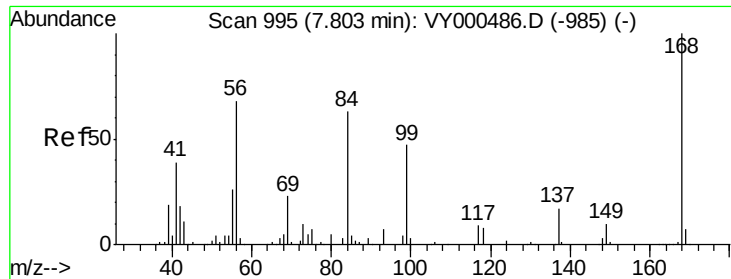
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000492.D

Acq: 30 Oct 2019 15:35

Instrument :

MSVOA_Y

ClientSampleId :

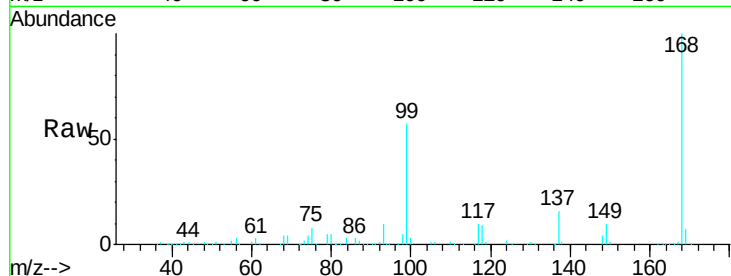
PT-VOA-SOILDL

Tgt Ion:168 Resp: 261294

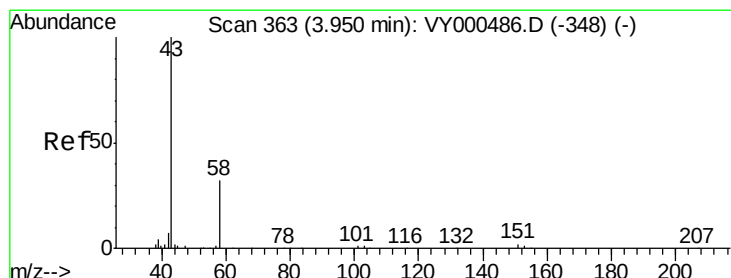
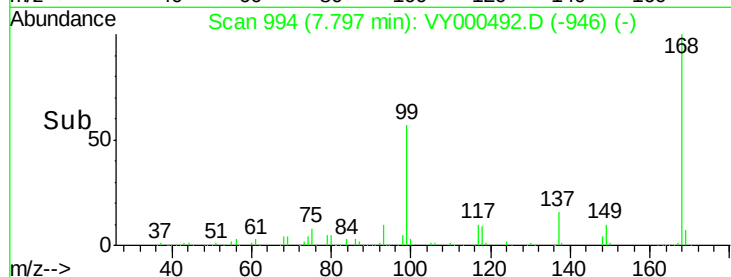
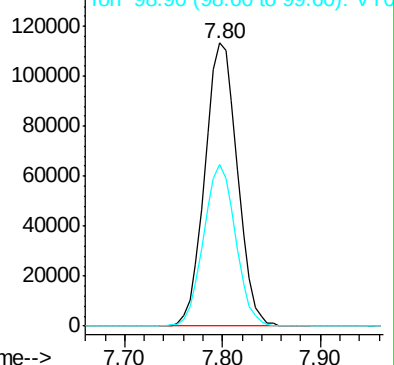
Ion Ratio Lower Upper

168 100

99 57.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#16

Acetone

Concen: 292.246 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000492.D

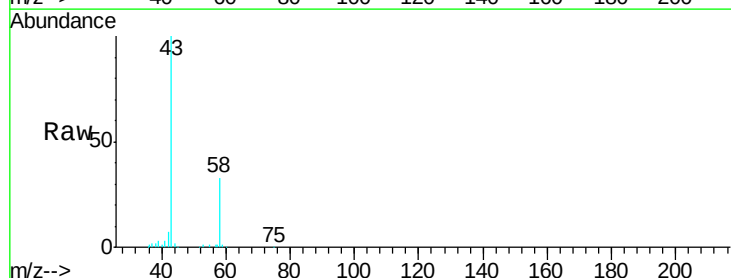
Acq: 30 Oct 2019 15:35

Tgt Ion: 43 Resp: 217802

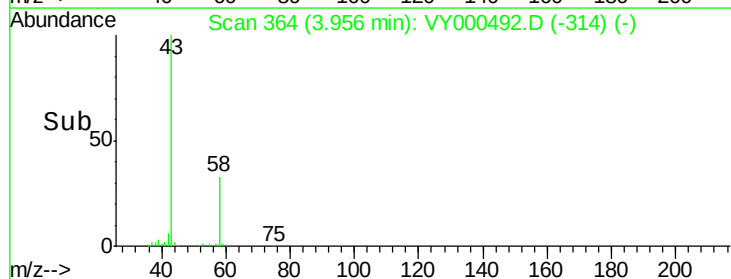
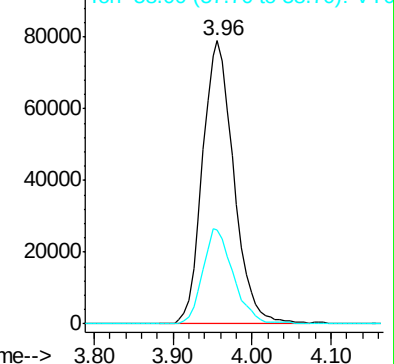
Ion Ratio Lower Upper

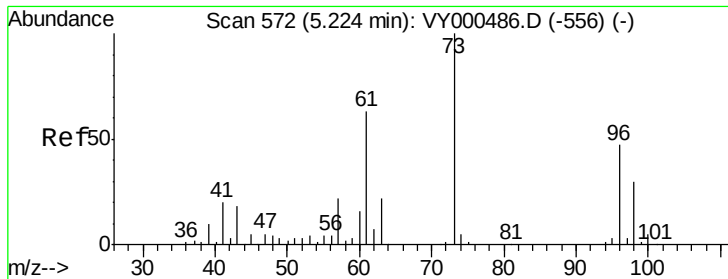
43 100

58 33.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)

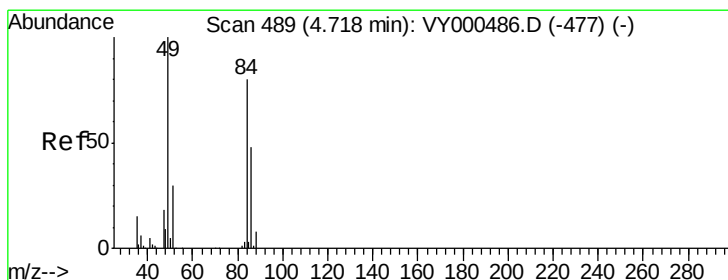
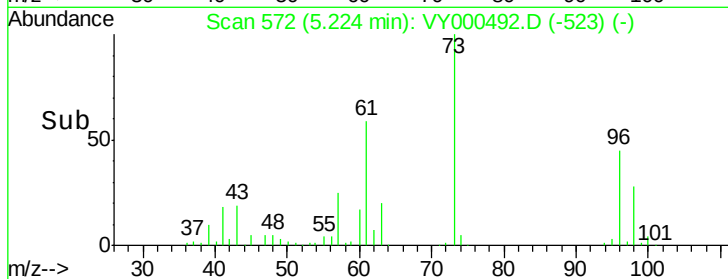
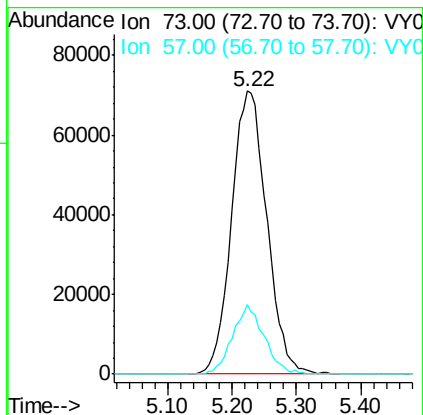
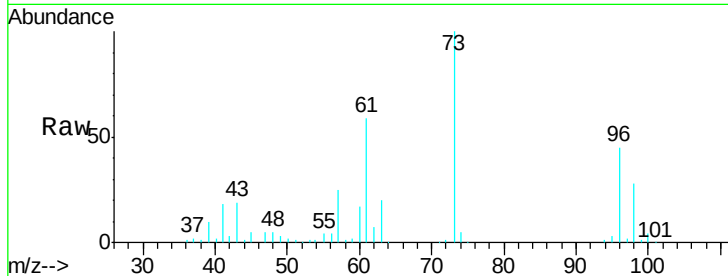




#19
Methyl tert-butyl Ether
Concen: 37.144 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

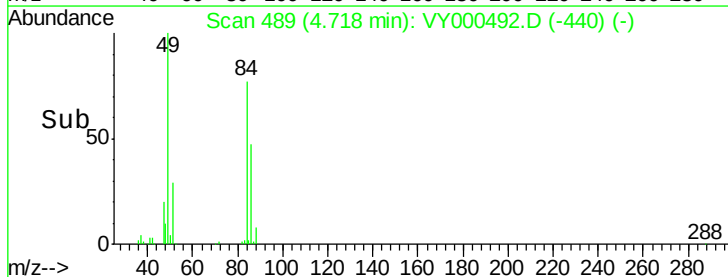
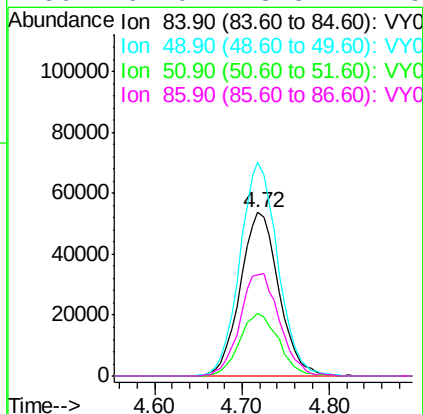
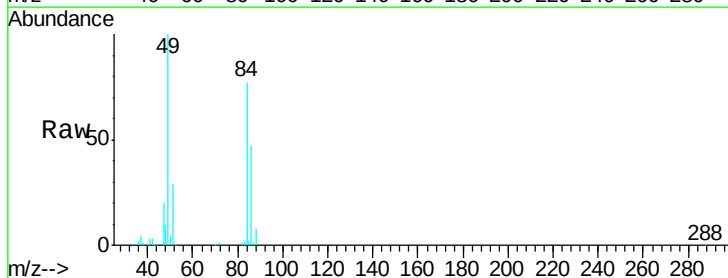
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

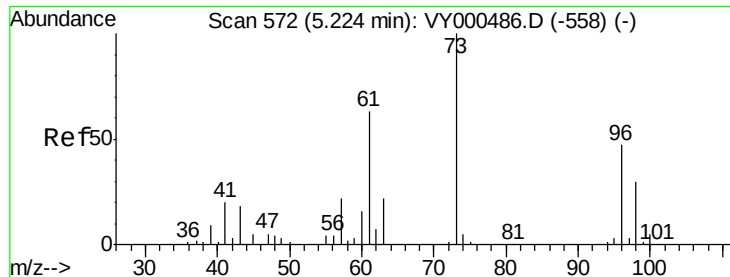
Tgt Ion: 73 Resp: 269552
Ion Ratio Lower Upper
73 100
57 24.6 17.4 26.0



#20
Methylene Chloride
Concen: 51.657 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Tgt Ion: 84 Resp: 164962
Ion Ratio Lower Upper
84 100
49 130.6 100.2 150.4
51 38.4 29.6 44.4
86 62.0 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 32.936 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000492.D

Acq: 30 Oct 2019 15:35

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOILDL

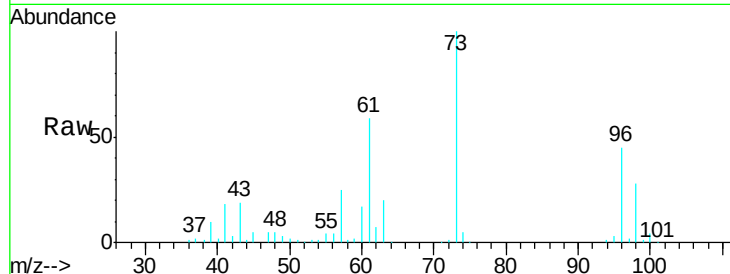
Tgt Ion: 96 Resp: 97184

Ion Ratio Lower Upper

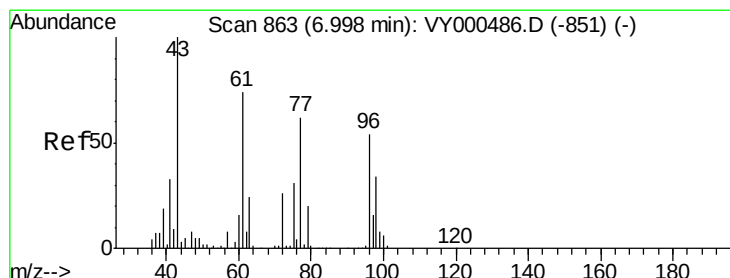
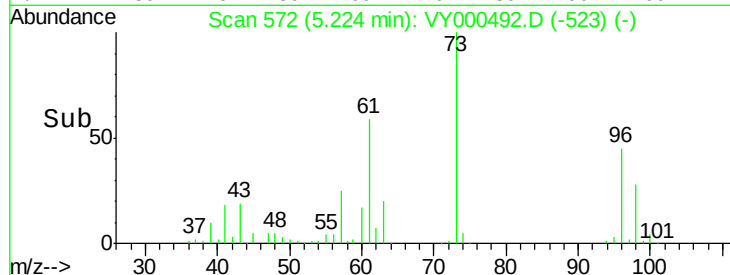
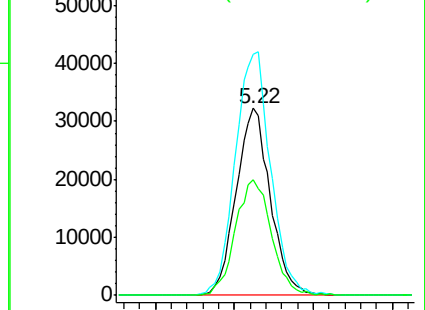
96 100

61 129.0 106.6 160.0

98 62.2 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#25

2-Butanone

Concen: 93.548 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000492.D

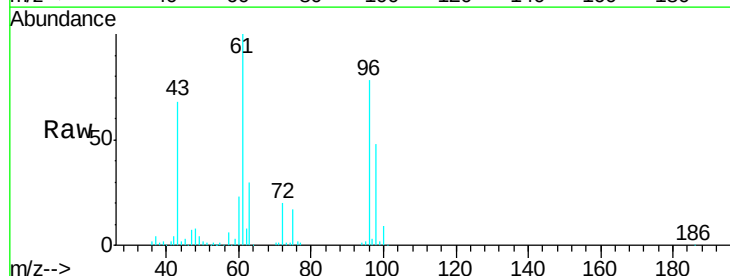
Acq: 30 Oct 2019 15:35

Tgt Ion: 43 Resp: 111266

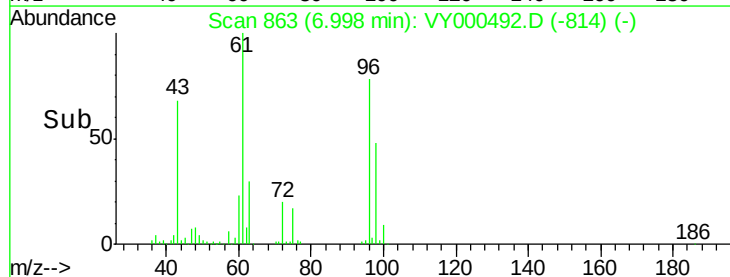
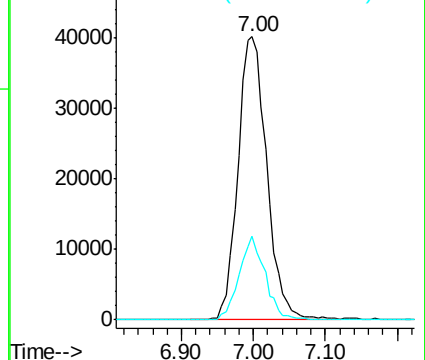
Ion Ratio Lower Upper

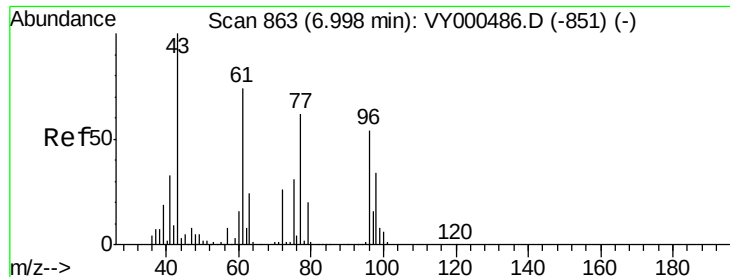
43 100

72 29.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



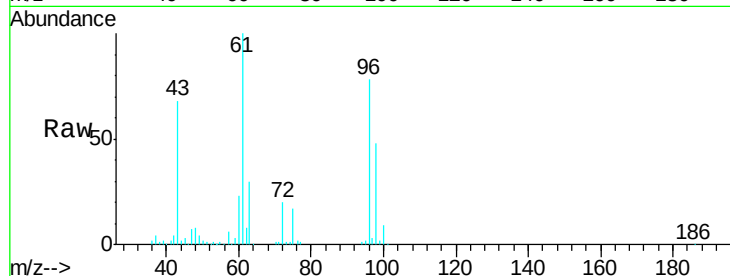


#27

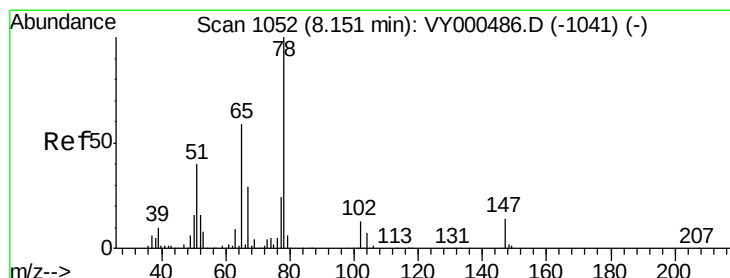
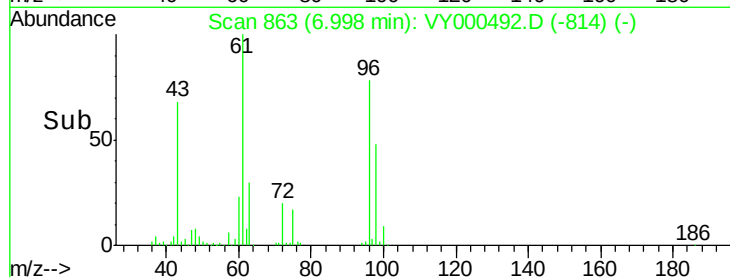
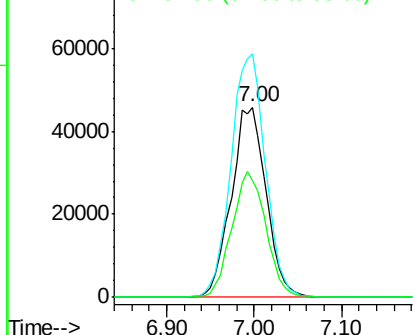
cis-1,2-Dichloroethene
 Concen: 39.365 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000492.D
 Acq: 30 Oct 2019 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOILDL

Tgt Ion: 96 Resp: 127011
 Ion Ratio Lower Upper
 96 100
 61 126.4 0.0 287.0
 98 64.5 0.0 129.4



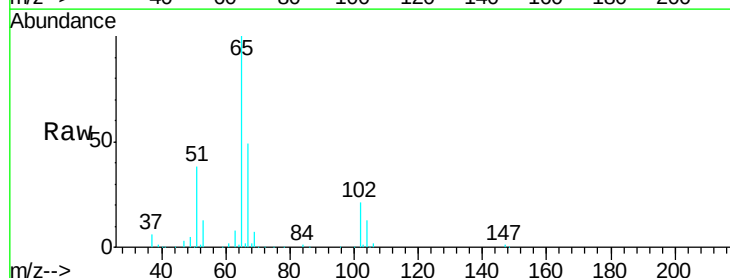
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



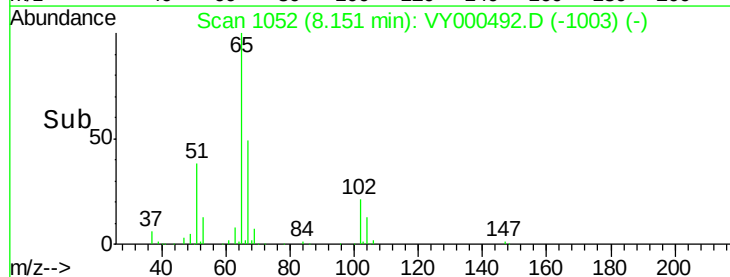
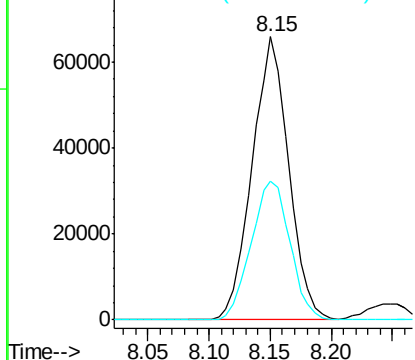
#33

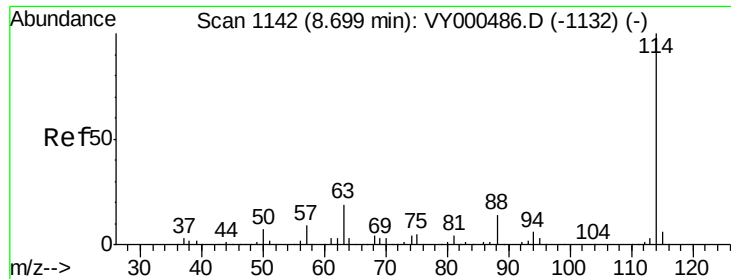
1,2-Dichloroethane-d4
 Concen: 50.705 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000492.D
 Acq: 30 Oct 2019 15:35

Tgt Ion: 65 Resp: 137109
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
 Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000492.D

Acq: 30 Oct 2019 15:35

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOILDL

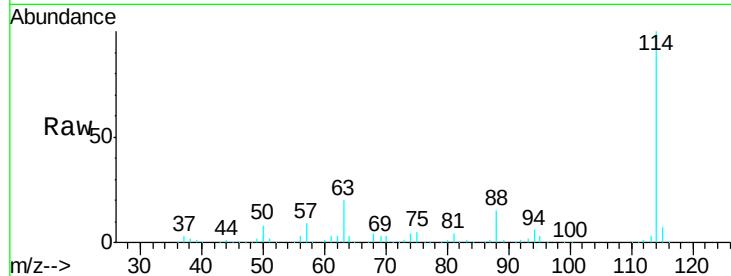
Tgt Ion:114 Resp: 431419

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

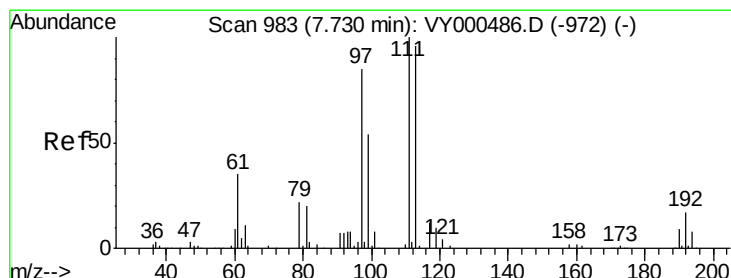
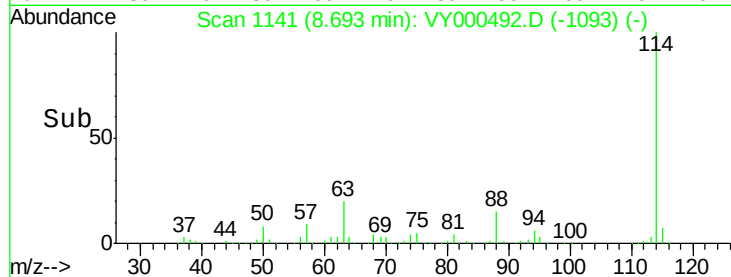
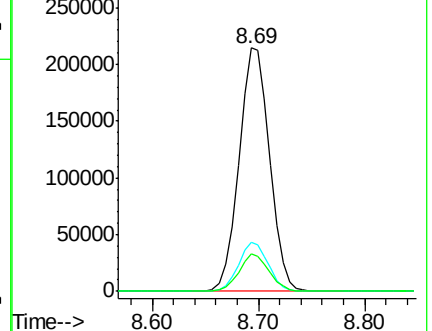
88 15.5 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 47.396 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000492.D

Acq: 30 Oct 2019 15:35

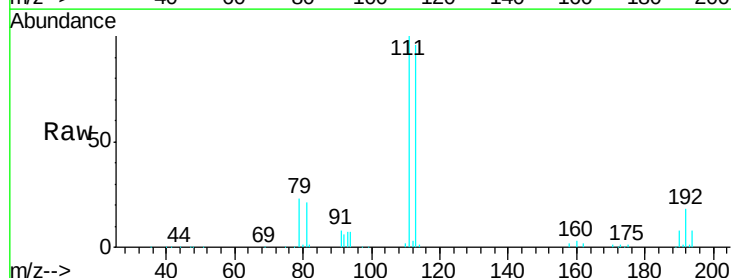
Tgt Ion:113 Resp: 120040

Ion Ratio Lower Upper

113 100

111 103.7 81.7 122.5

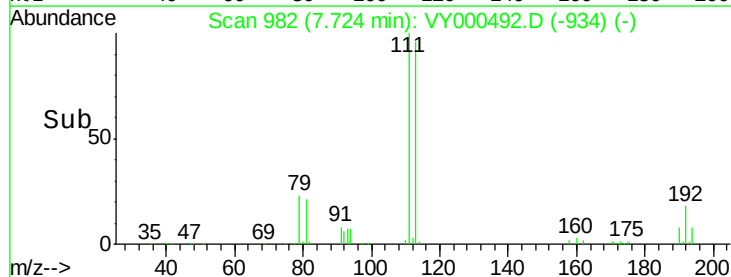
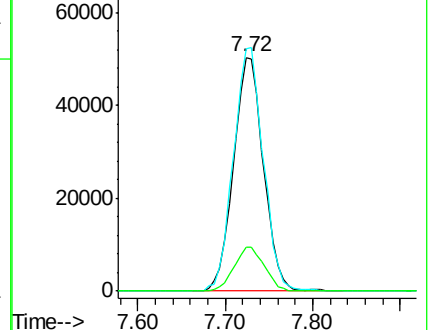
192 19.0 15.0 22.4

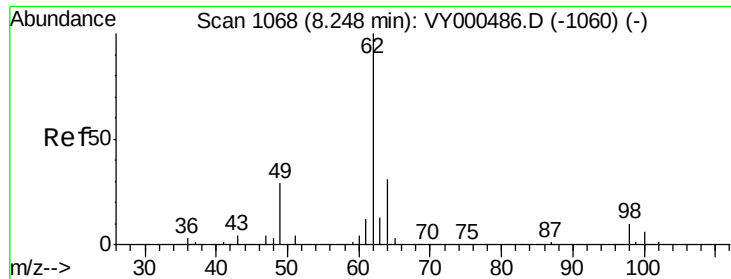


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

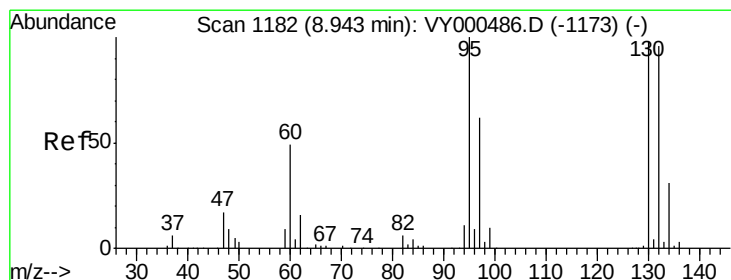
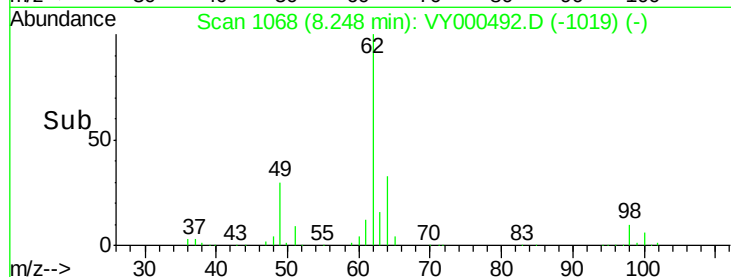
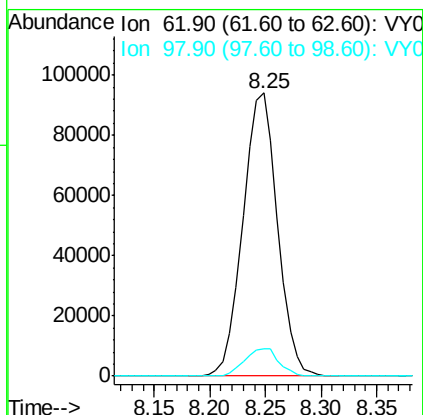
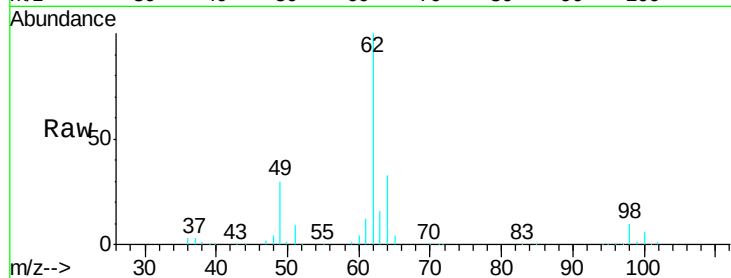




#42
1,2-Dichloroethane
Concen: 59.819 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

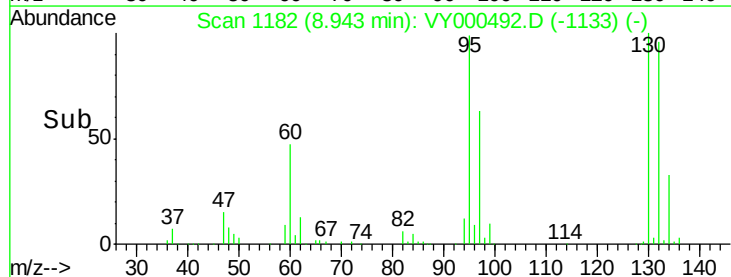
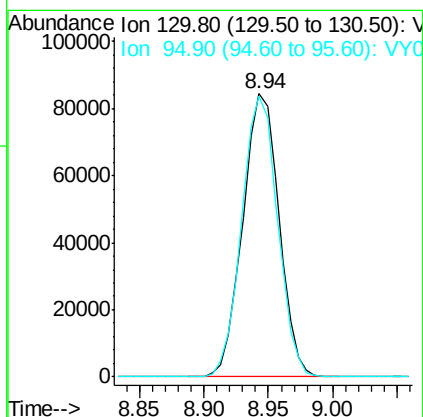
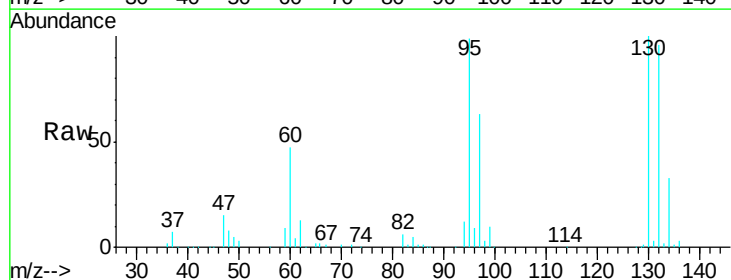
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

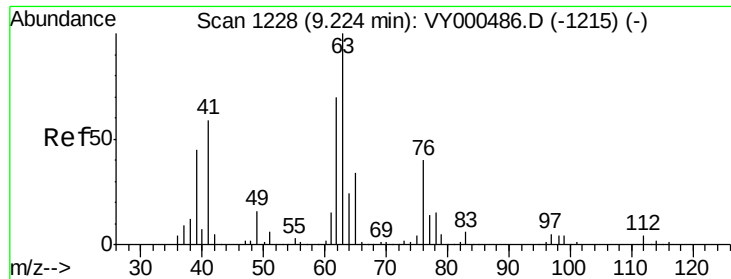
Tgt Ion: 62 Resp: 202866
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2



#44
Trichloroethene
Concen: 52.227 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Tgt Ion: 130 Resp: 164652
Ion Ratio Lower Upper
130 100
95 99.1 0.0 203.2

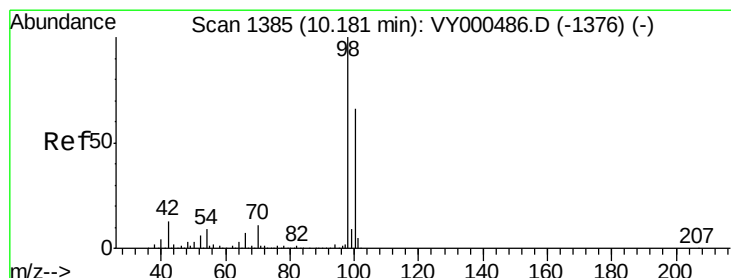
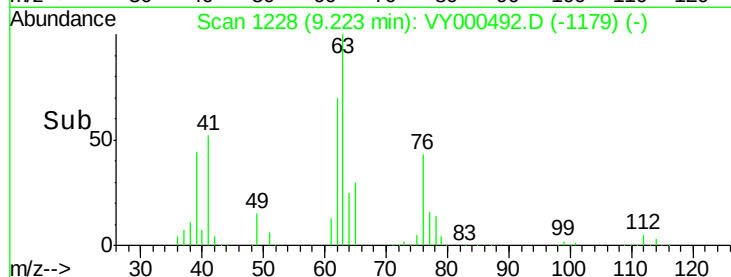
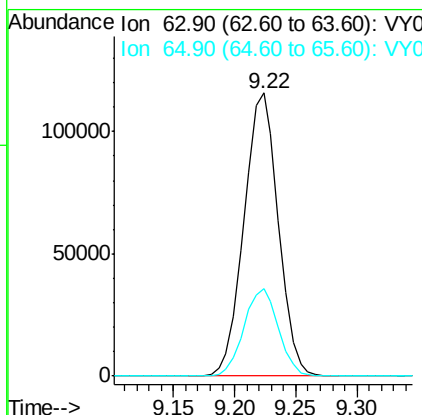
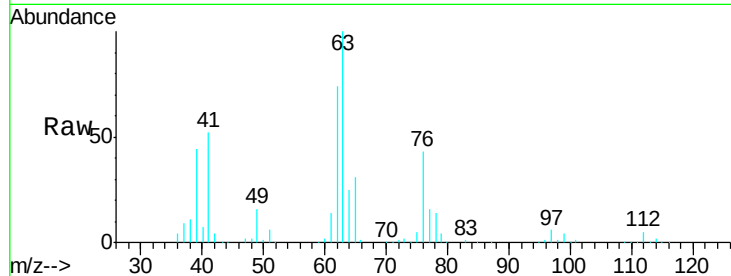




#45
 1,2-Dichloropropane
 Concen: 76.685 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000492.D
 Acq: 30 Oct 2019 15:35

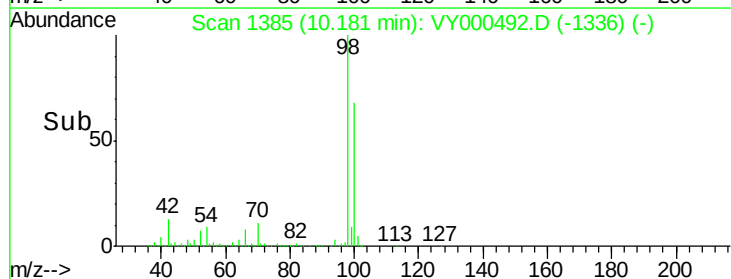
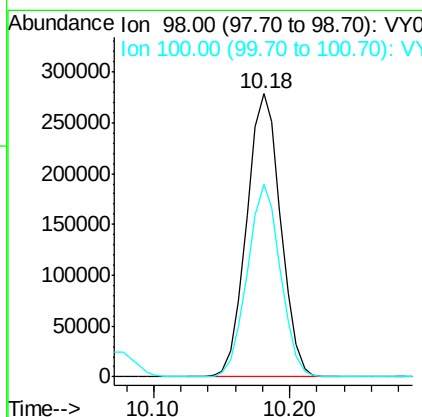
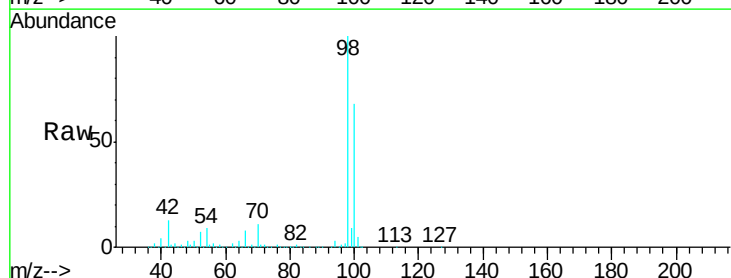
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOILDL

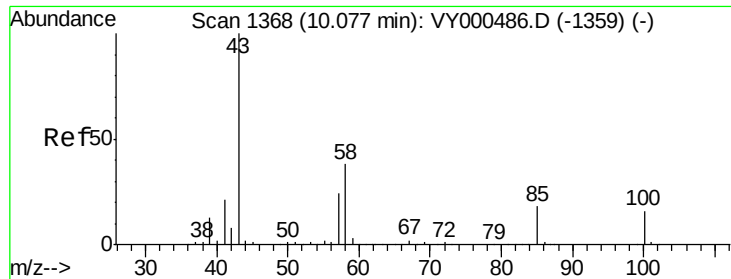
Tgt Ion: 63 Resp: 225672
 Ion Ratio Lower Upper
 63 100
 65 30.7 27.0 40.4



#50
 Toluene-d8
 Concen: 50.814 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000492.D
 Acq: 30 Oct 2019 15:35

Tgt Ion: 98 Resp: 488334
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.9 79.3

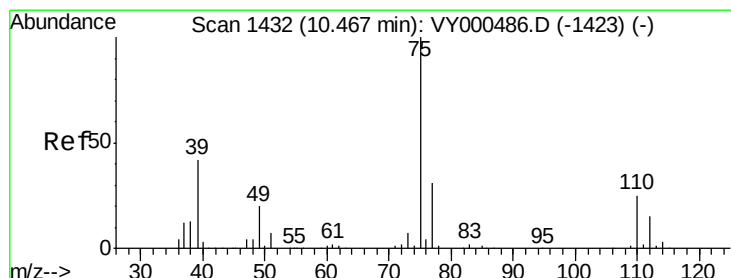
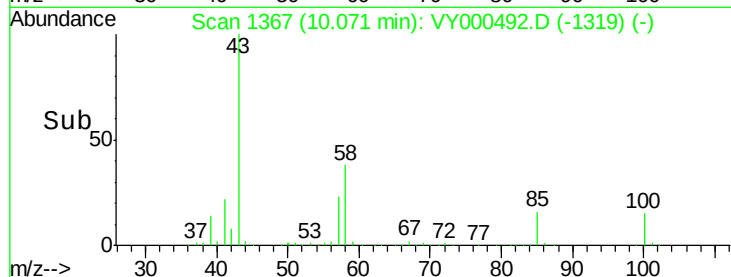
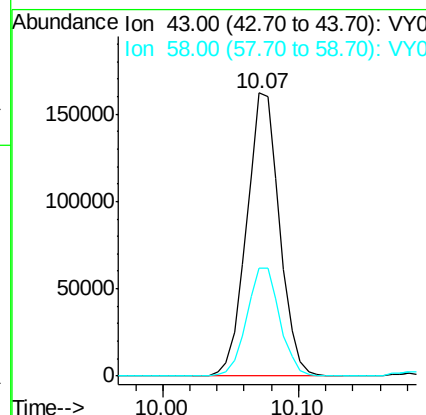
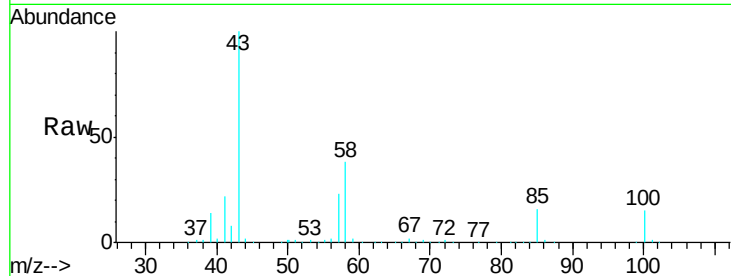




#51
4-Methyl-2-Pentanone
Concen: 113.295 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

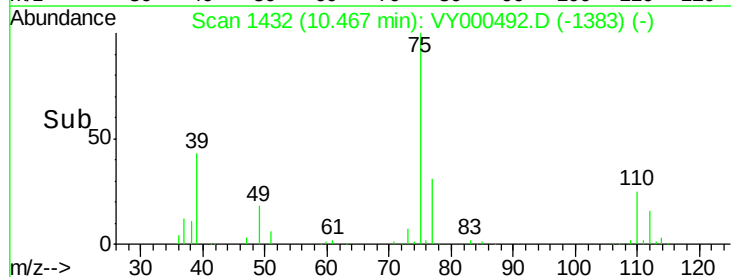
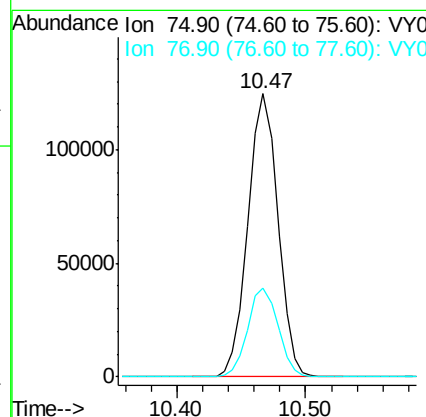
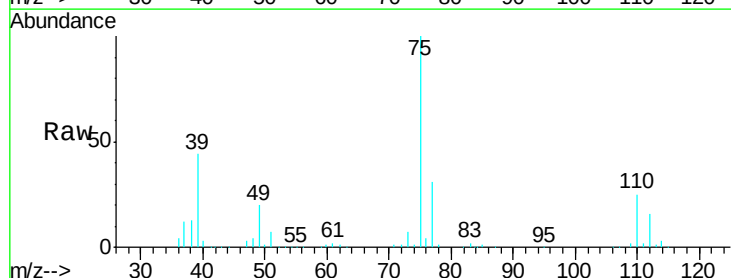
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

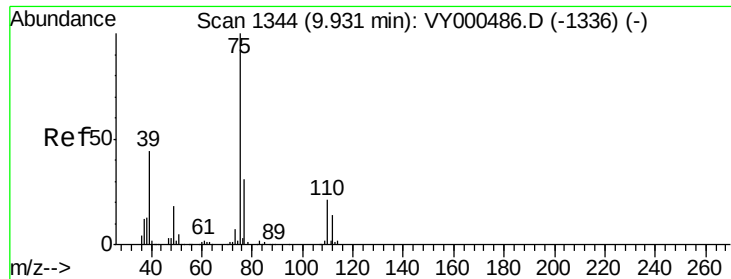
Tgt Ion: 43 Resp: 273988
Ion Ratio Lower Upper
43 100
58 38.6 30.2 45.4



#53
t-1,3-Dichloropropene
Concen: 48.733 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Tgt Ion: 75 Resp: 199966
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0



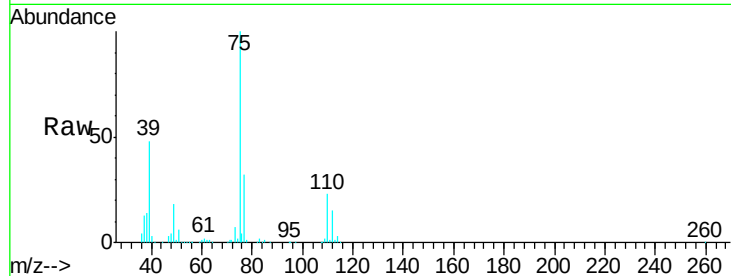


#54

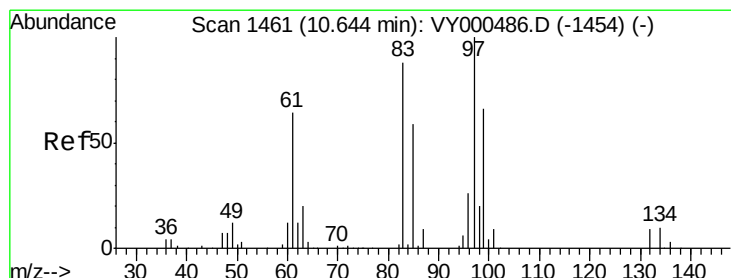
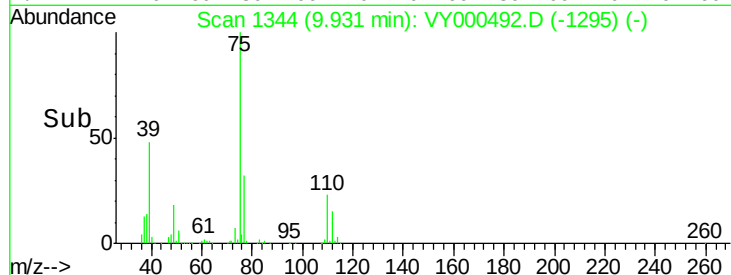
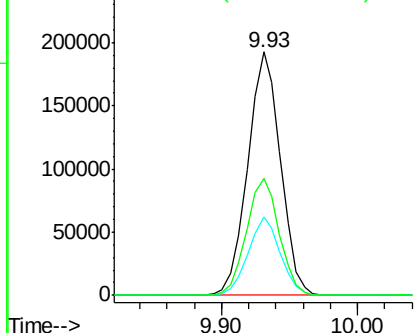
cis-1,3-Dichloropropene
Concen: 68.910 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.5	36.7
39	48.3	35.4	53.2



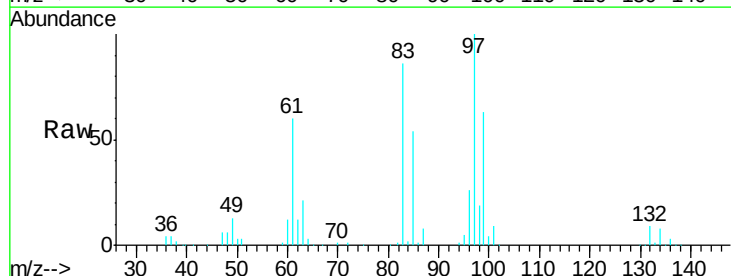
Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 76.90 (76.60 to 77.60): VY0
Ion 39.00 (38.70 to 39.70): VY0



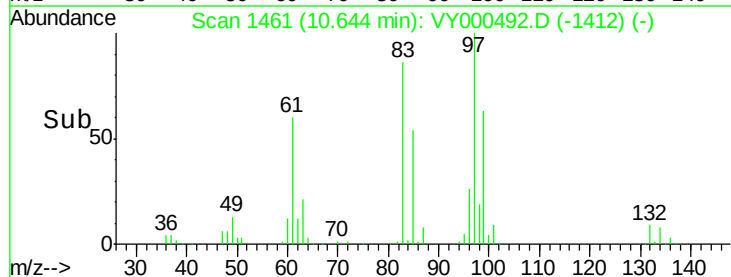
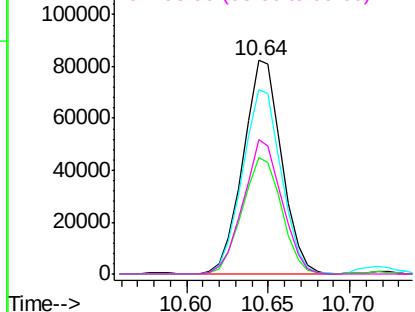
#55

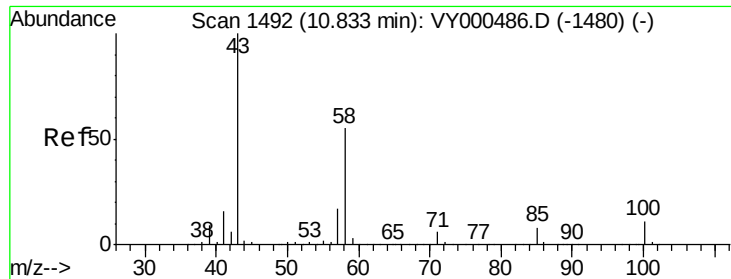
1,1,2-Trichloroethane
Concen: 57.895 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.2	105.4
85	54.3	46.9	70.3
99	62.9	52.6	78.8



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 98.90 (98.60 to 99.60): VY0

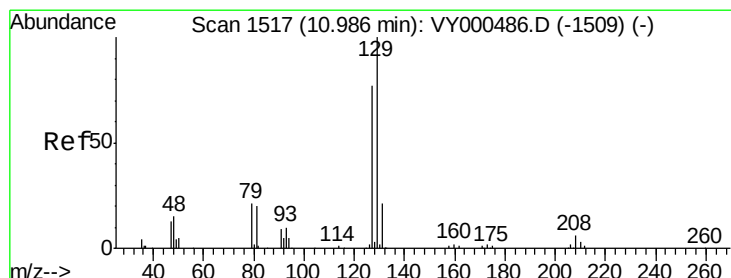
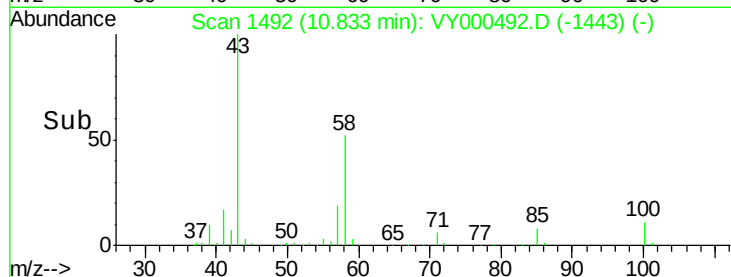
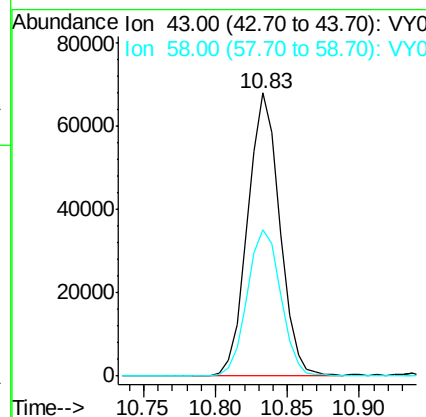
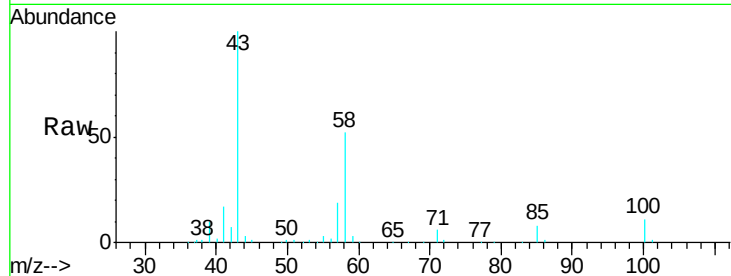




#59
2-Hexanone
Concen: 59.464 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

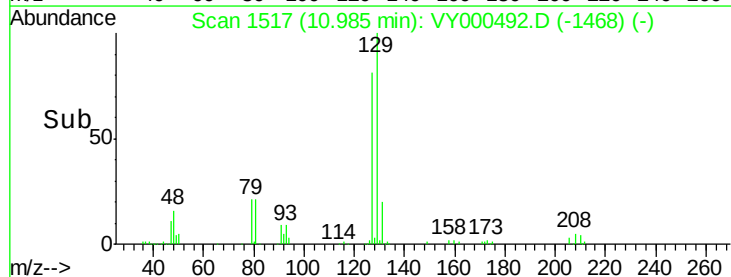
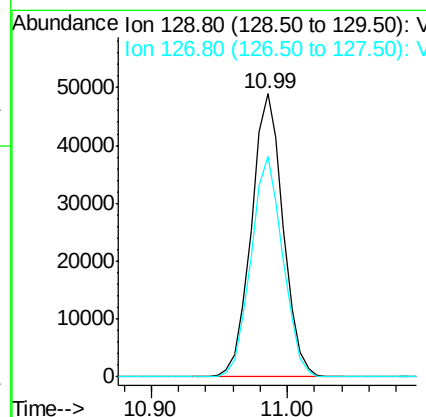
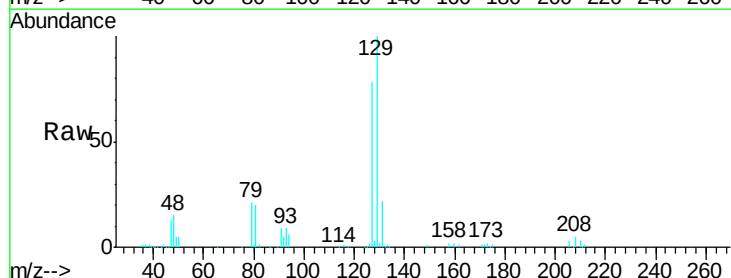
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

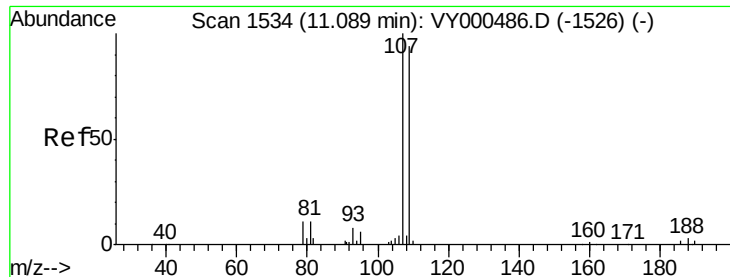
Tgt Ion: 43 Resp: 104776
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3



#60
Dibromochloromethane
Concen: 29.843 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Tgt Ion: 129 Resp: 80019
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 25.159 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000492.D

Acq: 30 Oct 2019 15:35

Instrument :

MSVOA_Y

ClientSampleId :

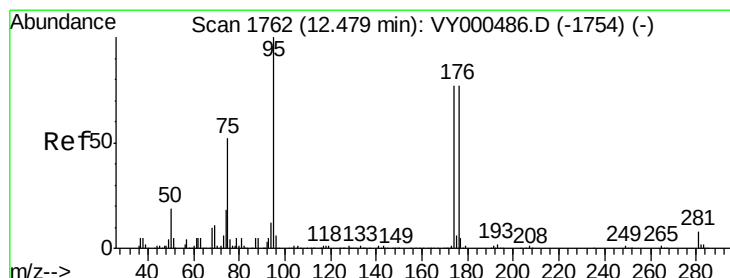
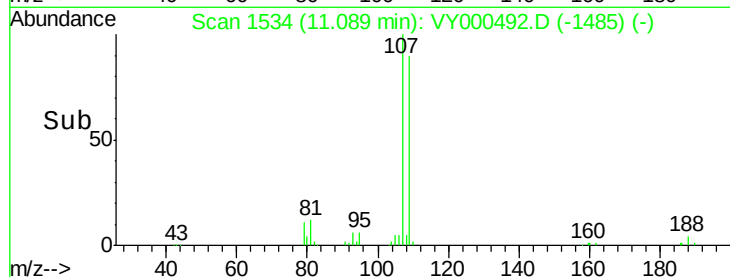
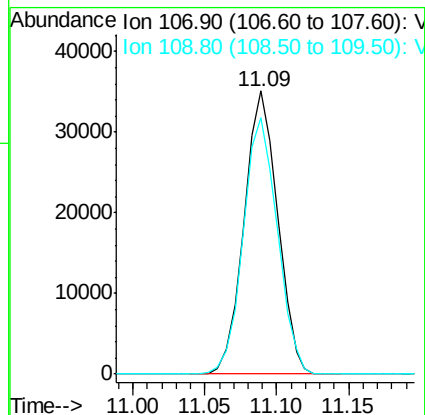
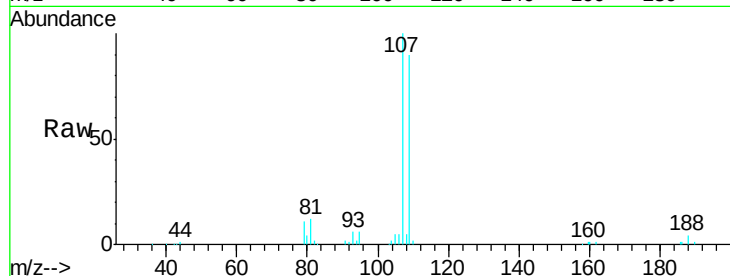
PT-VOA-SOILDL

Tgt Ion: 107 Resp: 56627

Ion Ratio Lower Upper

107 100

109 92.2 73.6 110.4



#62

4-Bromofluorobenzene

Concen: 47.788 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000492.D

Acq: 30 Oct 2019 15:35

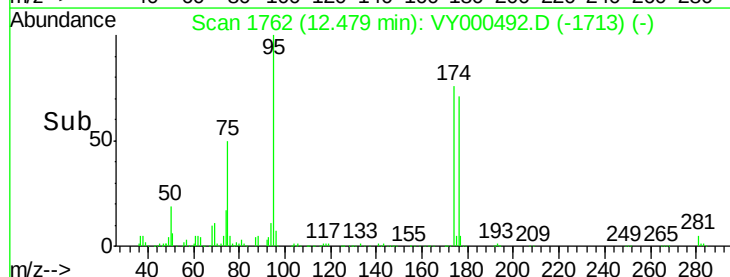
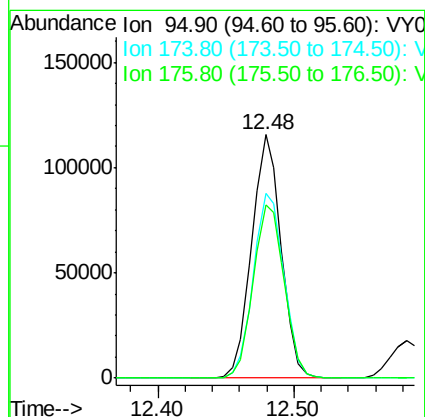
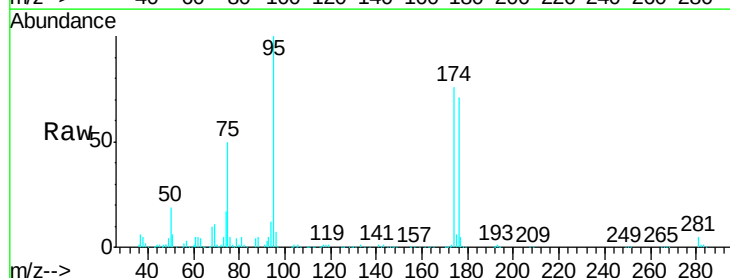
Tgt Ion: 95 Resp: 174836

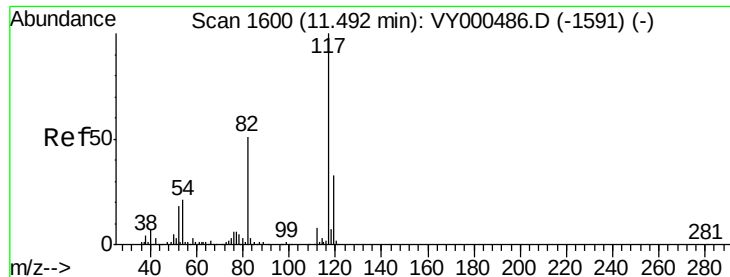
Ion Ratio Lower Upper

95 100

174 79.2 0.0 161.6

176 75.2 0.0 157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000492.D

Acq: 30 Oct 2019 15:35

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOILDL

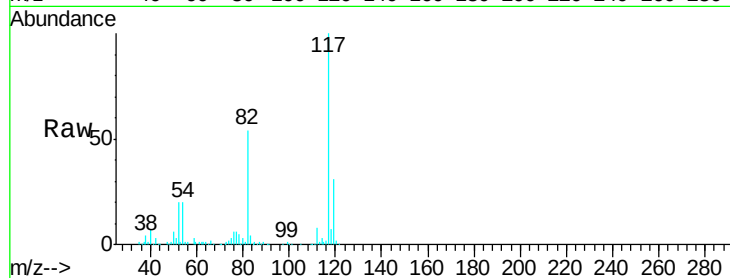
Tgt Ion:117 Resp: 387876

Ion Ratio Lower Upper

117 100

82 54.5 40.8 61.2

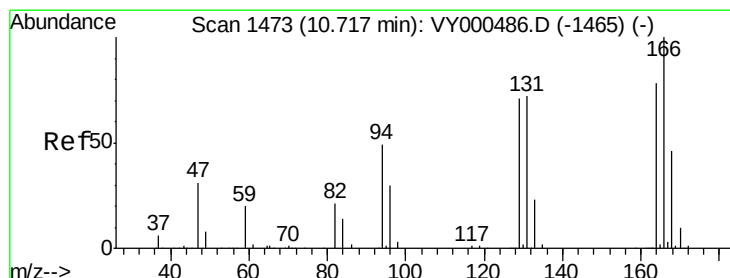
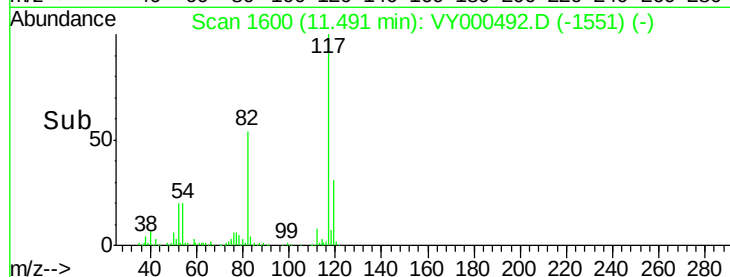
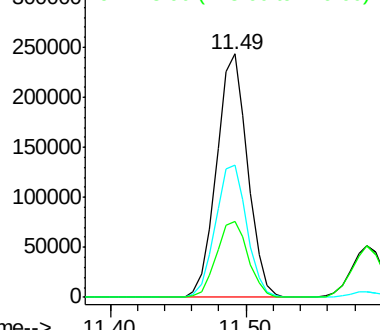
119 31.0 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 53.961 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY000492.D

Acq: 30 Oct 2019 15:35

Tgt Ion:164 Resp: 173067

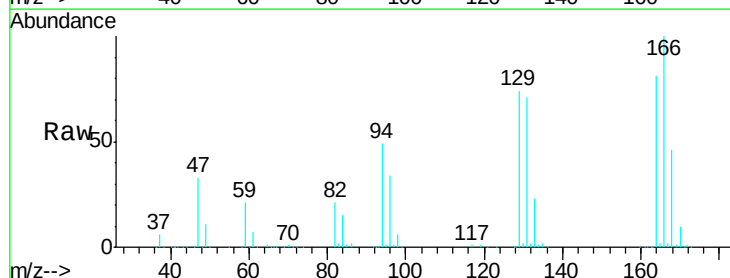
Ion Ratio Lower Upper

164 100

166 123.5 102.7 154.1

129 91.6 73.2 109.8

131 87.9 74.2 111.2

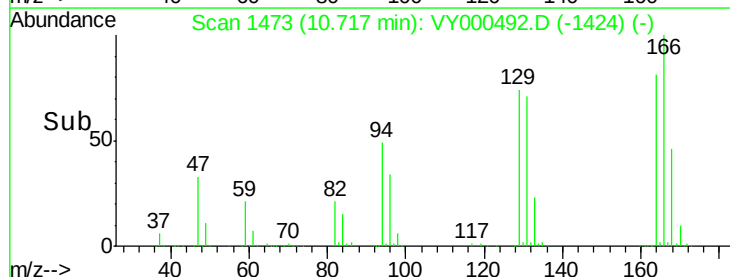
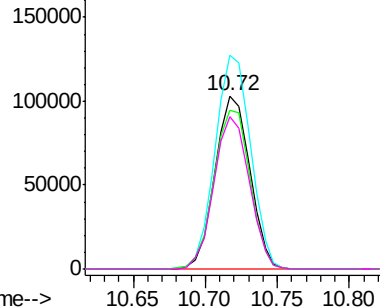


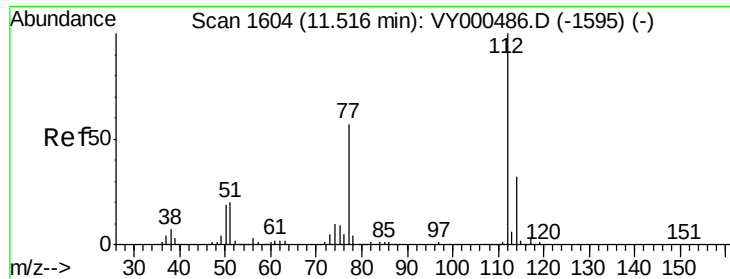
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

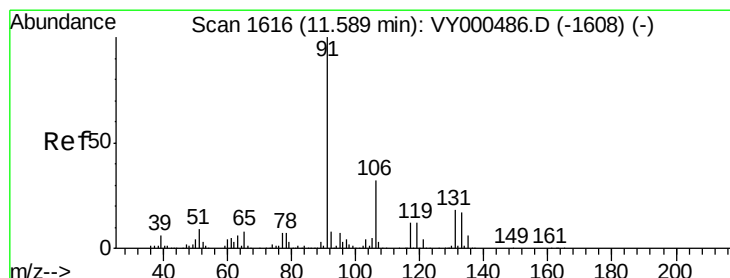
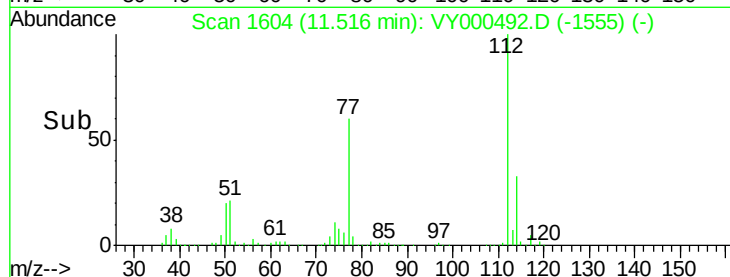
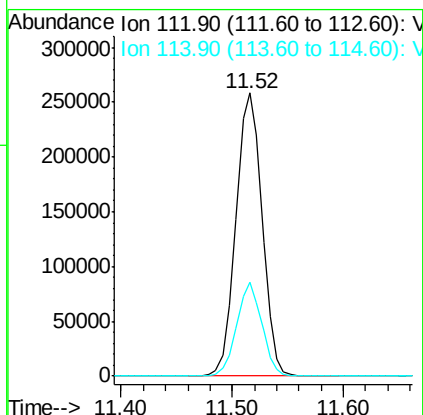
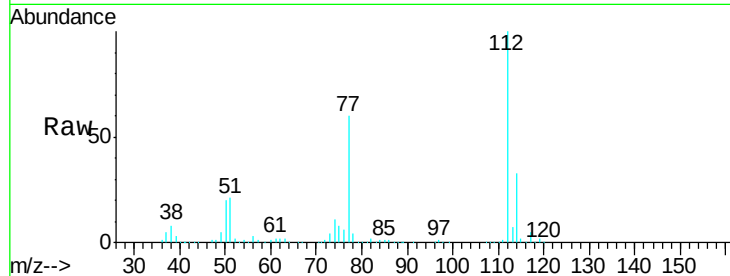




#65
Chlorobenzene
Concen: 53.245 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

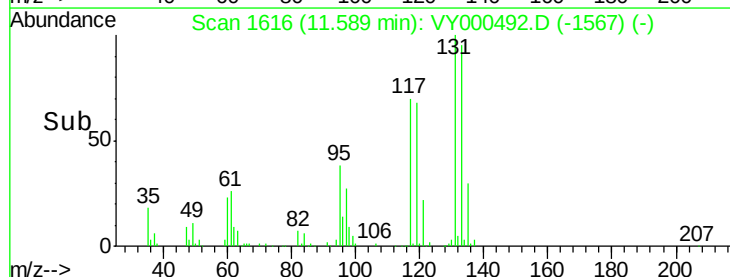
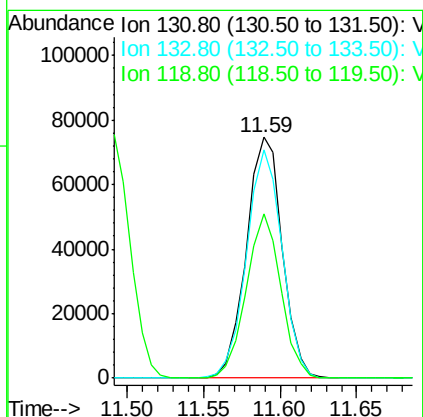
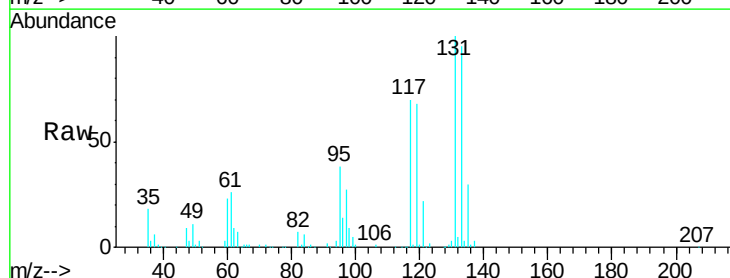
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

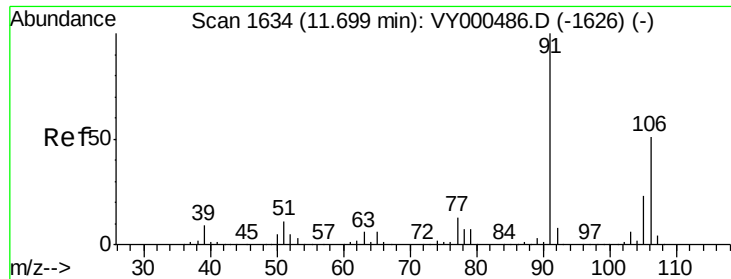
Tgt Ion:112 Resp: 418727
Ion Ratio Lower Upper
112 100
114 33.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 44.706 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Tgt Ion:131 Resp: 121930
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.8
119 65.7 33.1 99.3

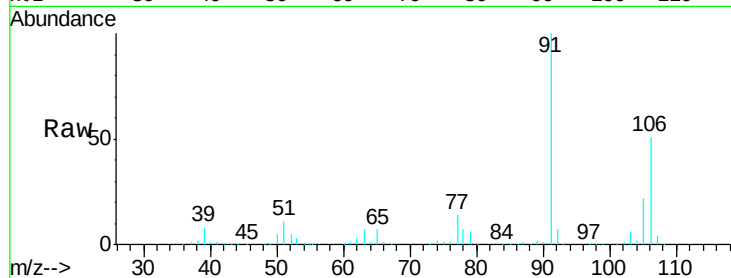




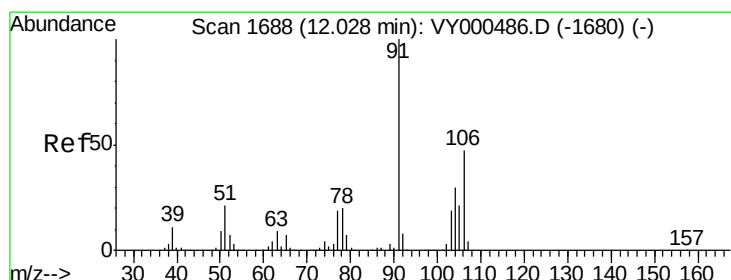
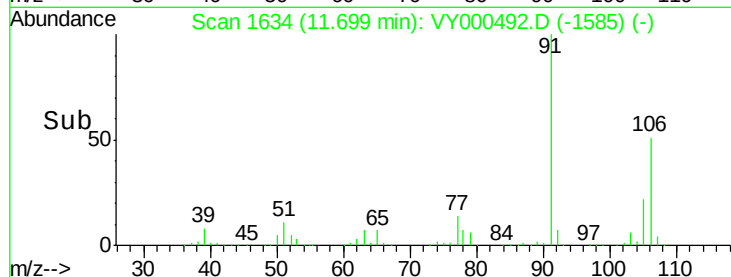
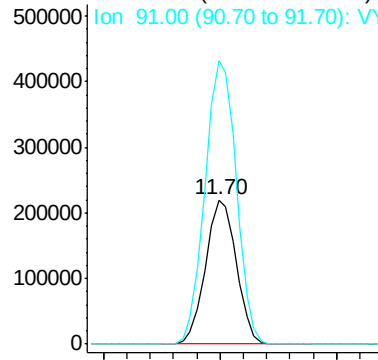
#68
m/p-Xylenes
Concen: 72.491 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

Tgt Ion:106 Resp: 406077
Ion Ratio Lower Upper
106 100
91 199.9 155.9 233.9

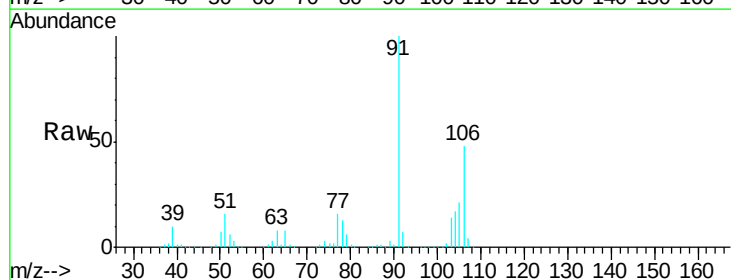


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

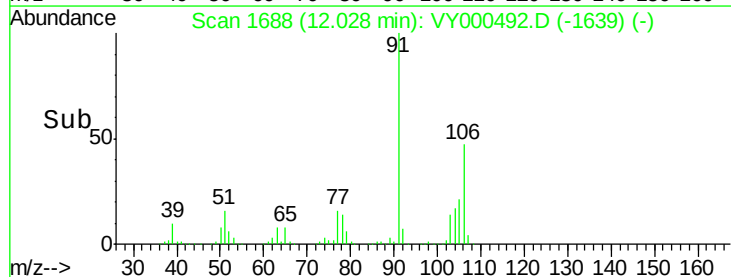
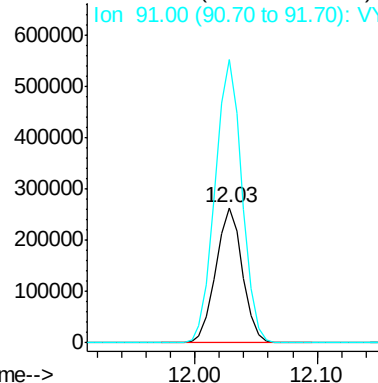


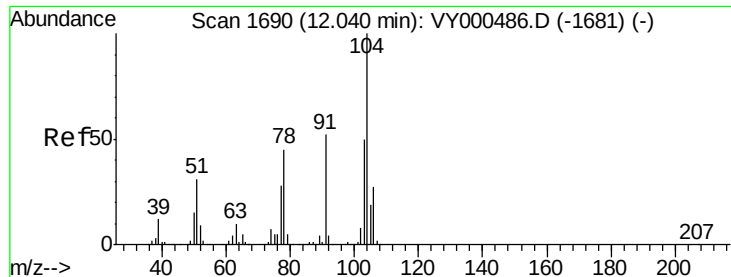
#69
o-Xylene
Concen: 75.507 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Tgt Ion:106 Resp: 397521
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

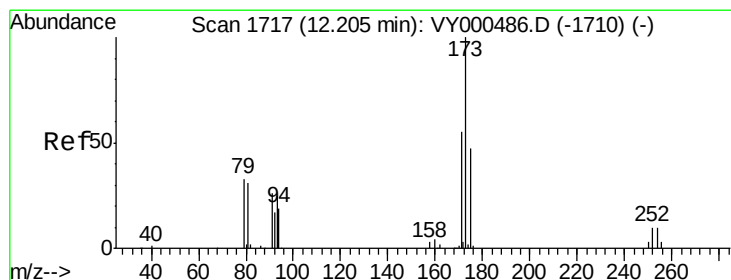
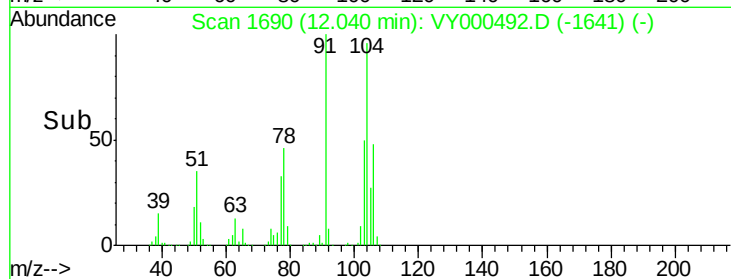
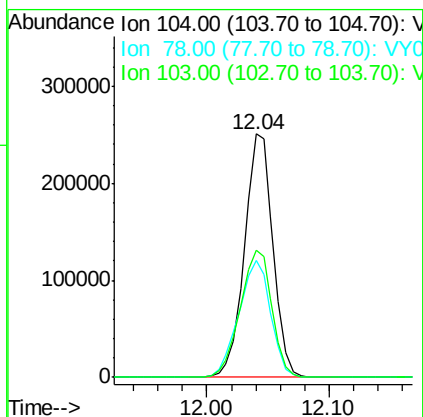
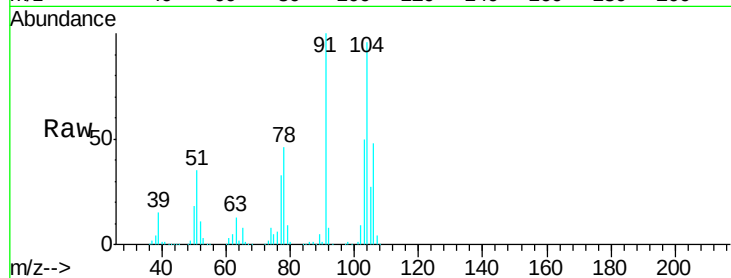




#70
Styrene
Concen: 44.865 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

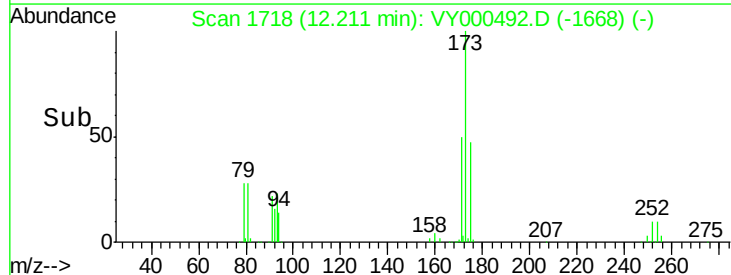
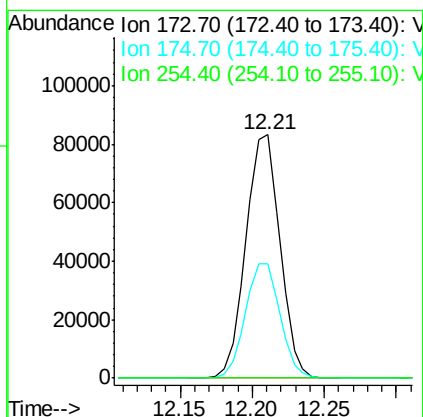
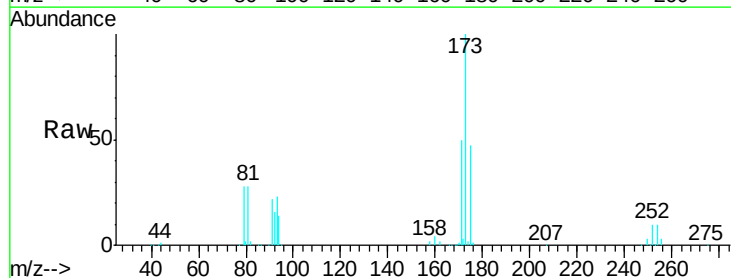
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

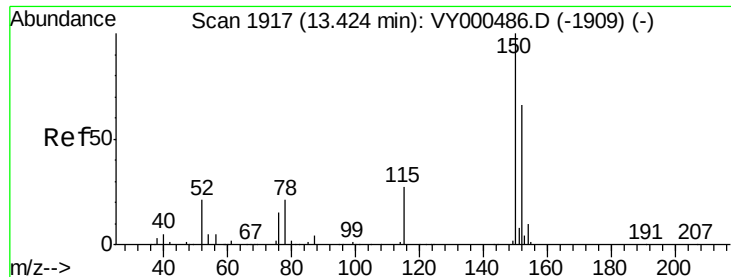
Tgt Ion:104 Resp: 404464
Ion Ratio Lower Upper
104 100
78 53.8 39.0 58.4
103 58.0 42.5 63.7



#71
Bromoform
Concen: 86.655 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Tgt Ion:173 Resp: 135937
Ion Ratio Lower Upper
173 100
175 47.7 24.4 73.2
254 0.1 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000492.D

Acq: 30 Oct 2019 15:35

Instrument :

MSVOA_Y

ClientSampled :

PT-VOA-SOILDL

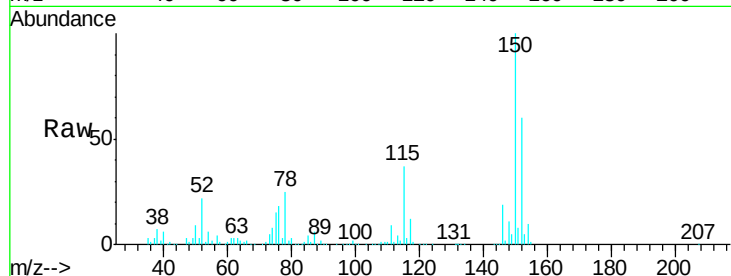
Tgt Ion:152 Resp: 187035

Ion Ratio Lower Upper

152 100

115 59.7 29.1 87.4

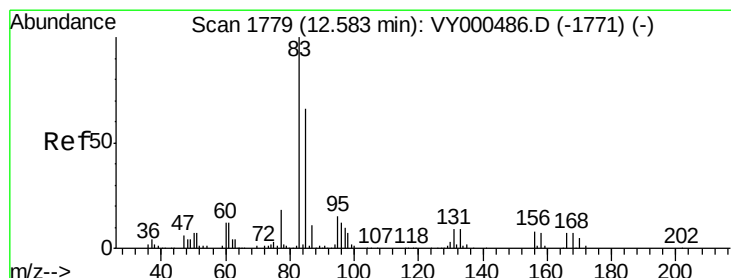
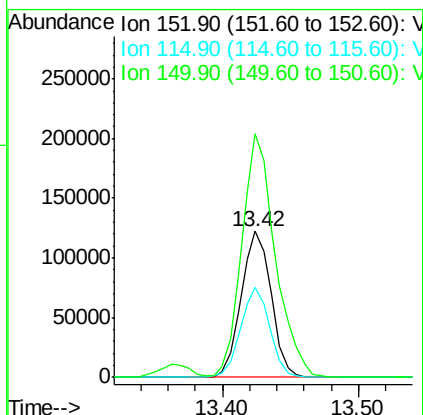
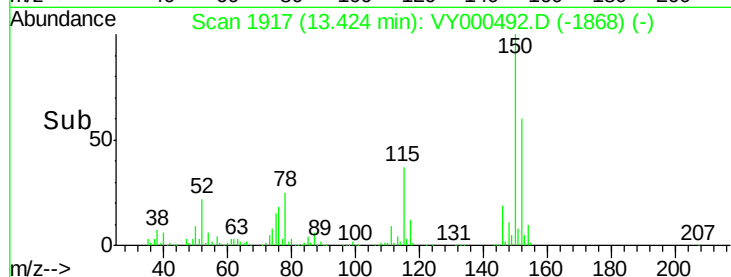
150 186.7 0.0 348.8



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: 67.443 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000492.D

Acq: 30 Oct 2019 15:35

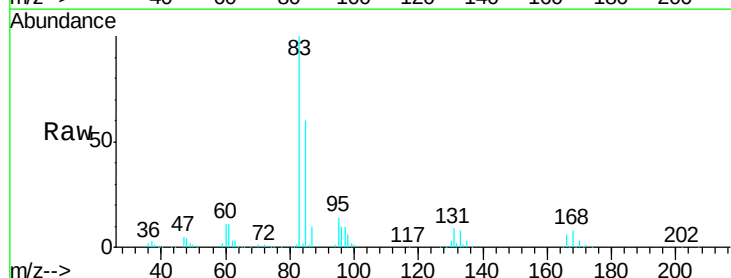
Tgt Ion: 83 Resp: 184594

Ion Ratio Lower Upper

83 100

131 9.1 5.0 14.9

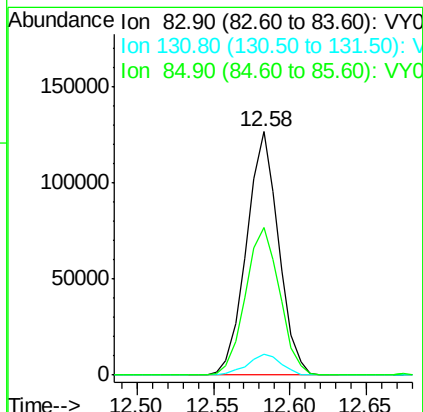
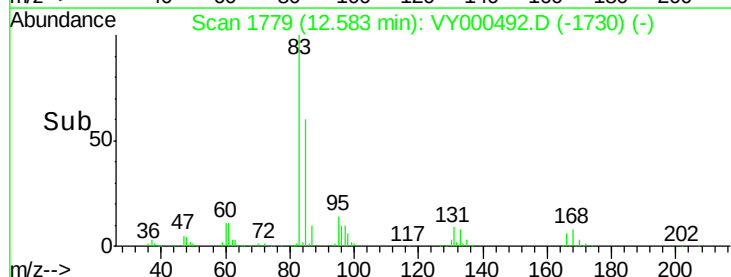
85 64.2 32.3 96.9

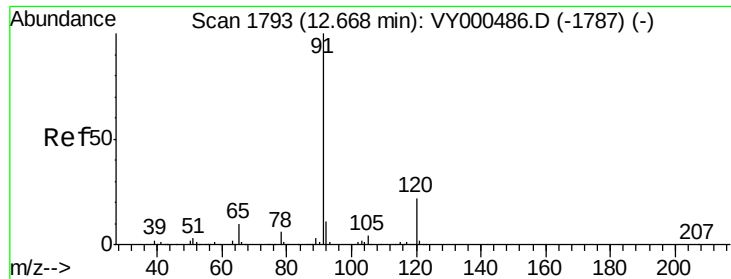


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#78

n-propylbenzene

Concen: 22.812 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000492.D

Acq: 30 Oct 2019 15:35

Instrument :

MSVOA_Y

ClientSampleId :

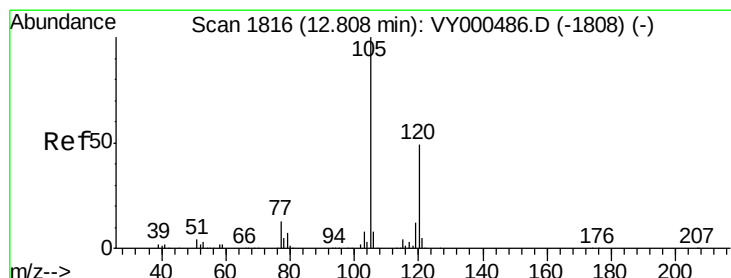
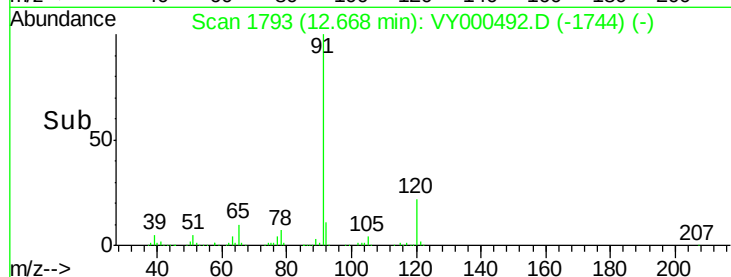
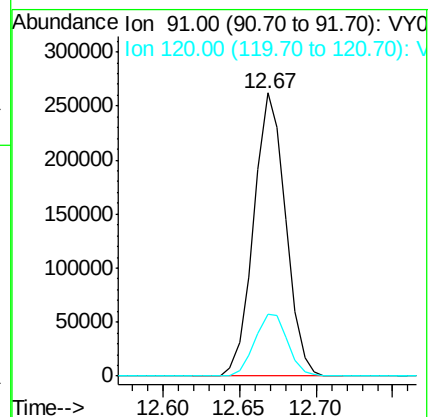
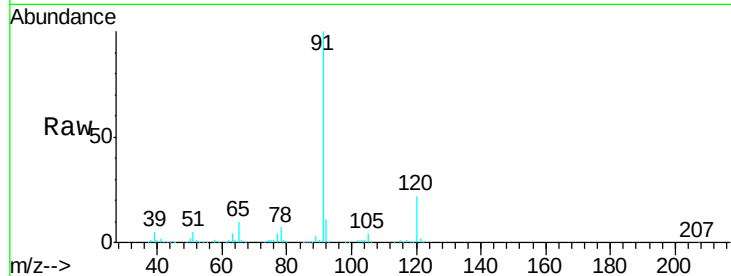
PT-VOA-SOILDL

Tgt Ion: 91 Resp: 380476

Ion Ratio Lower Upper

91 100

120 22.8 11.4 34.1



#80

1,3,5-Trimethylbenzene

Concen: 42.303 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000492.D

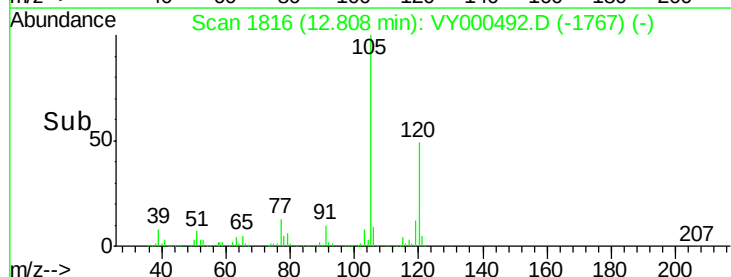
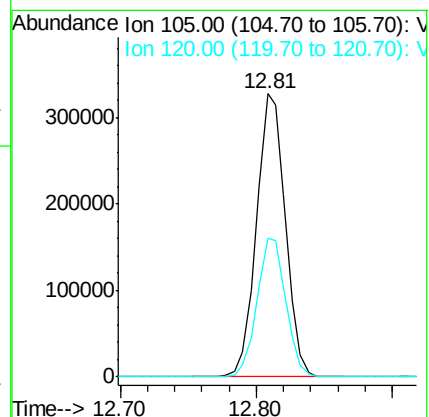
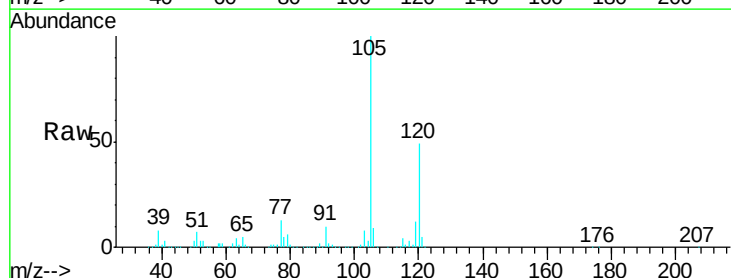
Acq: 30 Oct 2019 15:35

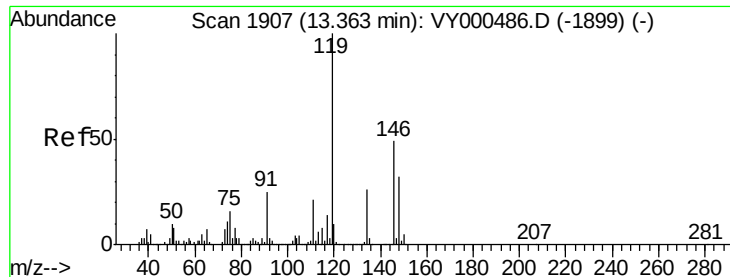
Tgt Ion: 105 Resp: 487023

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.8

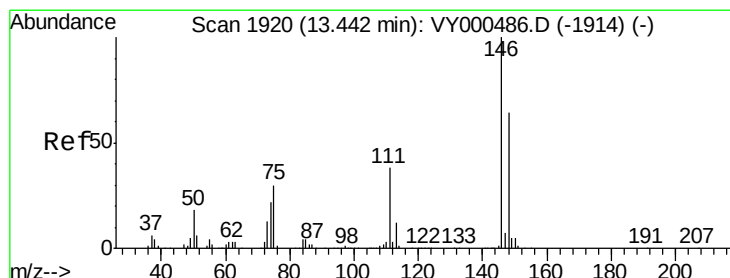
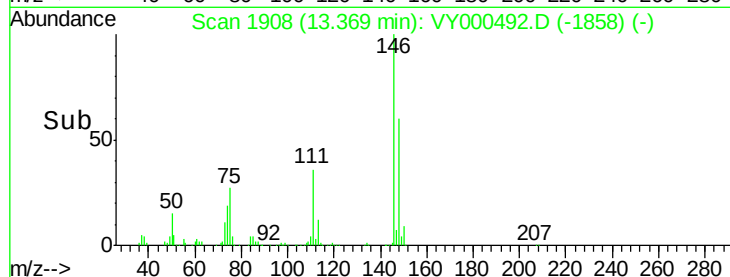
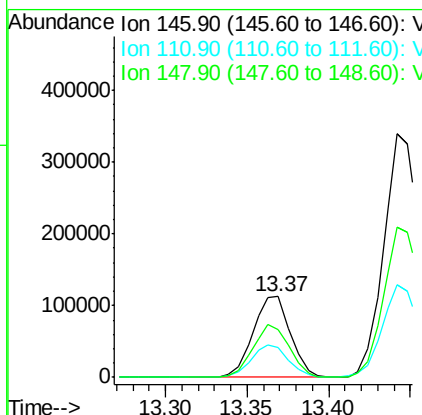
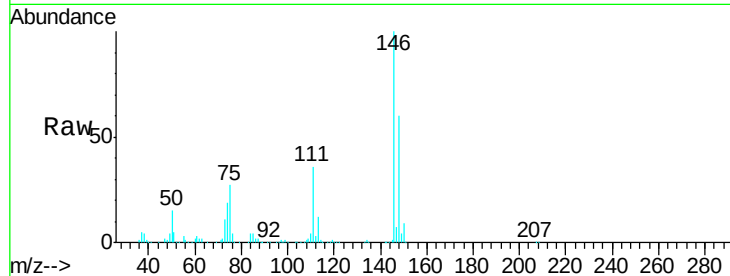




#87
 1,3-Dichlorobenzene
 Concen: 29.096 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000492.D
 Acq: 30 Oct 2019 15:35

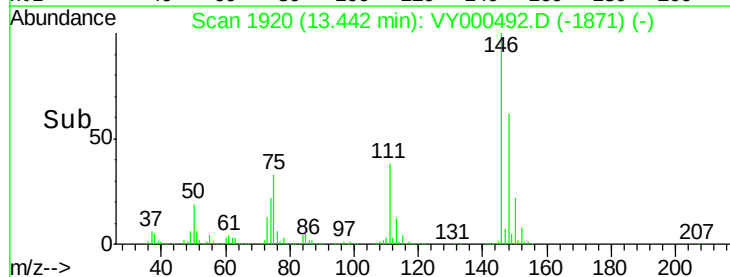
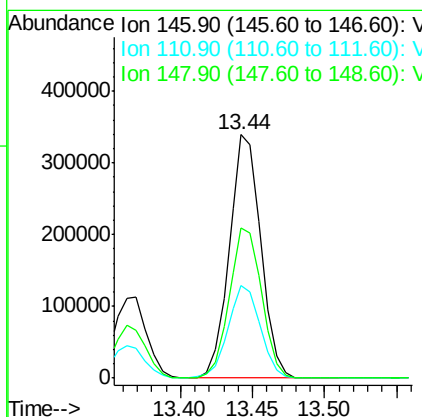
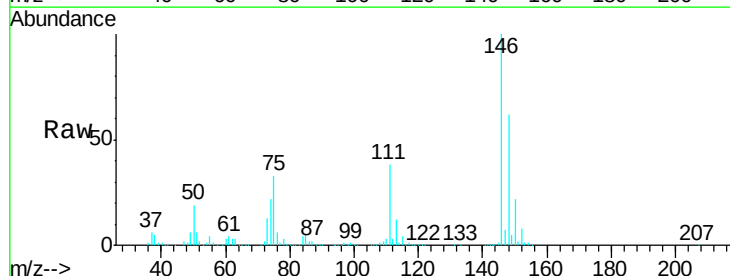
Instrument :
 MSVOA_Y
 ClientSampled :
 PT-VOA-SOILDL

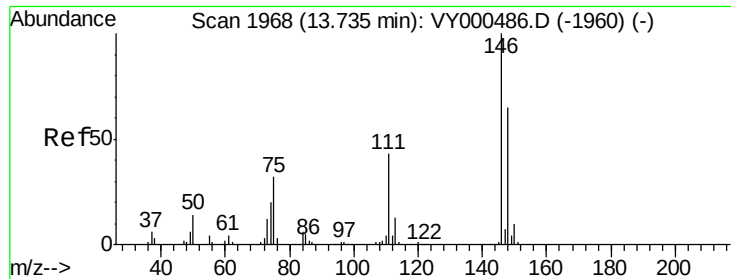
Tgt Ion:146 Resp: 178645
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.8
 148 64.2 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 84.342 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000492.D
 Acq: 30 Oct 2019 15:35

Tgt Ion:146 Resp: 517478
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.0
 148 63.6 31.9 95.7

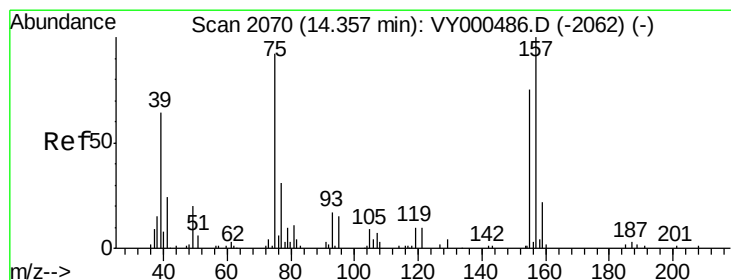
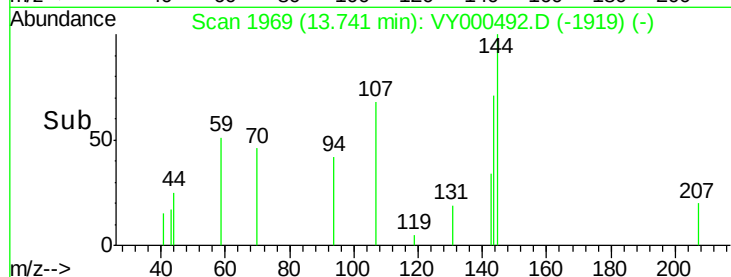
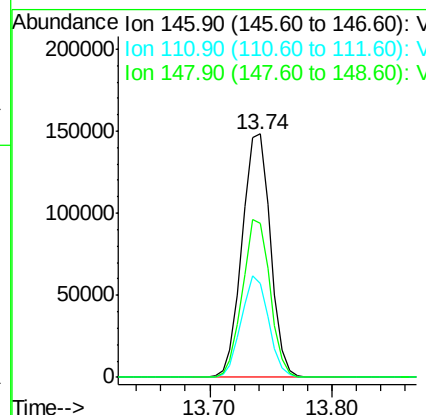
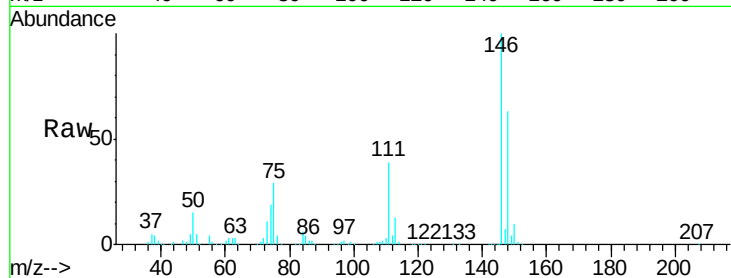




#91
 1,2-Dichlorobenzene
 Concen: 42.549 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000492.D
 Acq: 30 Oct 2019 15:35

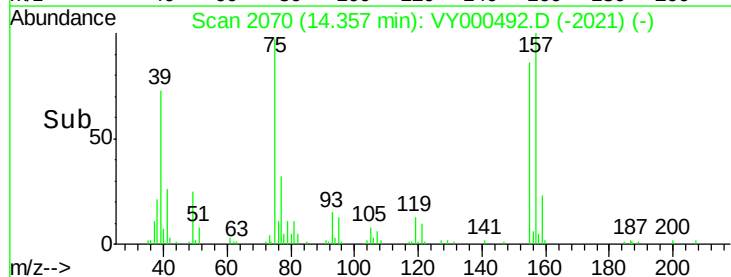
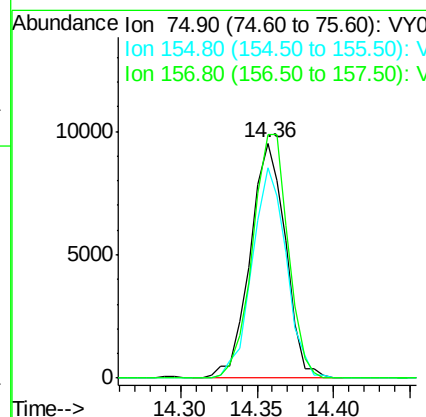
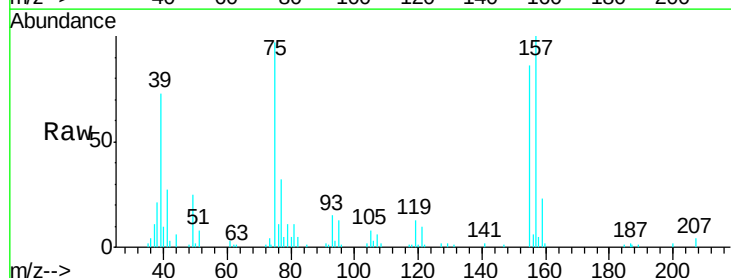
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOILDL

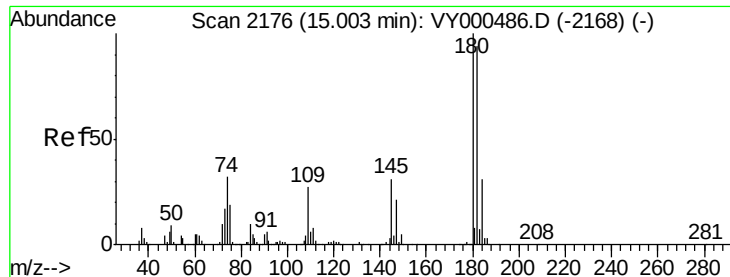
Tgt Ion: 146 Resp: 237031
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.5 61.5
 148 63.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 31.641 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000492.D
 Acq: 30 Oct 2019 15:35

Tgt Ion: 75 Resp: 15327
 Ion Ratio Lower Upper
 75 100
 155 86.8 42.4 127.1
 157 104.1 55.1 165.3



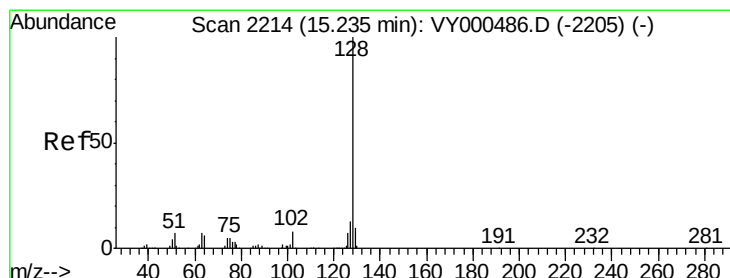
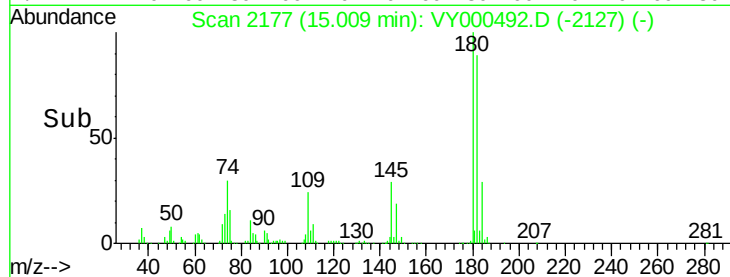
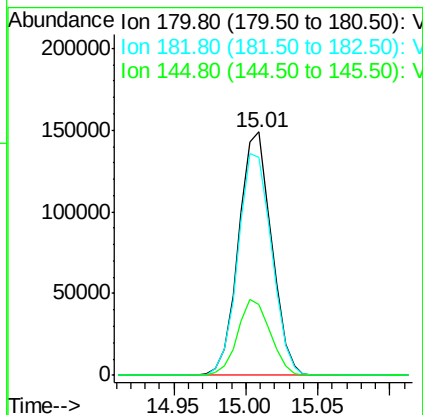
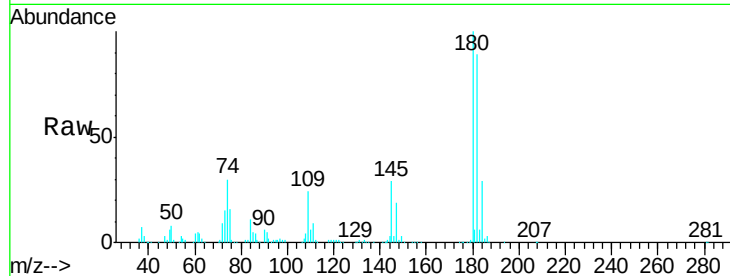


#93

1,2,4-Trichlorobenzene
Concen: 62.165 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. 0.01 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.8	143.4
145	31.1	16.0	47.9



#95

Naphthalene
Concen: 58.025 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000492.D
Acq: 30 Oct 2019 15:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.6
129	10.9	8.7	13.1

