

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002579.D
 Acq On : 05 May 2020 12:06
 Operator : SY/MD
 Sample : L2447-22
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: May 06 06:41:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	407301	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	612289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	546014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	276515	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	169368	49.46	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.73	113	176853	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.18	98	691958	50.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.48	95	231747	49.94	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
16) Acetone	3.96	43	536790	759.492	ug/l	98
20) Methylene Chloride	4.73	84	180576	45.688	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	517819	135.121	ug/l	99
25) 2-Butanone	7.00	43	251579	217.451	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	528826	124.713	ug/l	90
30) Chloroform	7.52	83	827730	130.179	ug/l	99
40) Benzene	8.17	78	896164	60.450	ug/l	99
42) 1,2-Dichloroethane	8.24	62	390494	93.906	ug/l	98
44) Trichloroethene	8.94	130	619341	133.681	ug/l	96
45) 1,2-Dichloropropane	9.22	63	158693	44.354	ug/l	99
46) Dibromomethane	9.31	93	238517	115.865	ug/l	100
47) Bromodichloromethane	9.50	83	635227	126.906	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	721008	118.920	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	183529	61.136	ug/l	99
59) 2-Hexanone	10.83	43	569328	324.544	ug/l	100
60) Dibromochloromethane	10.99	129	467317	122.394	ug/l	99
61) 1,2-Dibromoethane	11.09	107	314700	105.871	ug/l	100
64) Tetrachloroethene	10.72	164	145339	29.959	ug/l	97
65) Chlorobenzene	11.52	112	1368767	131.869	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	295735	76.755	ug/l	99
67) Ethyl Benzene	11.60	91	2865452	157.160	ug/l	100
68) m/p-Xylenes	11.70	106	1295722	183.669	ug/l	100
69) o-Xylene	12.03	106	1260856	190.883	ug/l	99
70) Styrene	12.05	104	1296361	114.803	ug/l	94
71) Bromoform	12.21	173	227035	94.937	ug/l #	99
73) Isopropylbenzene	12.33	105	2983208	166.466	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	84288	34.301	ug/l #	100
84) 1,2,4-Trimethylbenzene	13.12	105	2331209	157.464	ug/l	99
85) sec-Butylbenzene	13.25	105	2656724	146.991	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	1475272	174.092	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	1315258	173.942	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	68910	129.707	ug/l	96
95) Naphthalene	15.24	128	1514721	151.251	ug/l	99

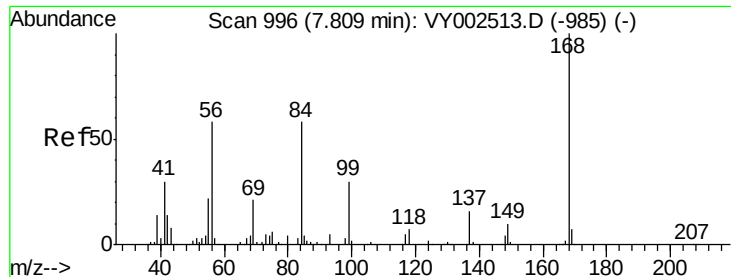
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
Data File : VY002579.D
Acq On : 05 May 2020 12:06
Operator : SY/MD
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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

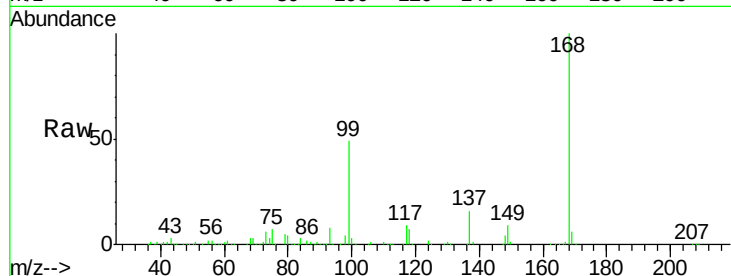
PT-VOA-SOIL

Tot Ion:168 Resp: 407301

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

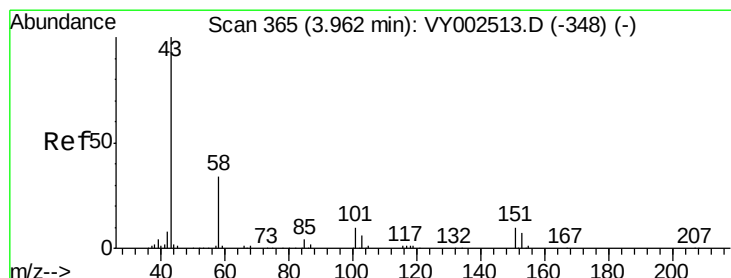
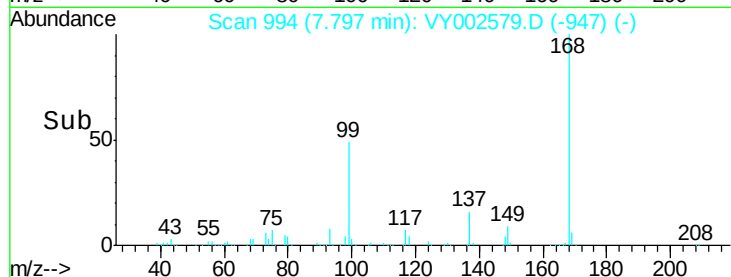
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 759.492 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002579.D

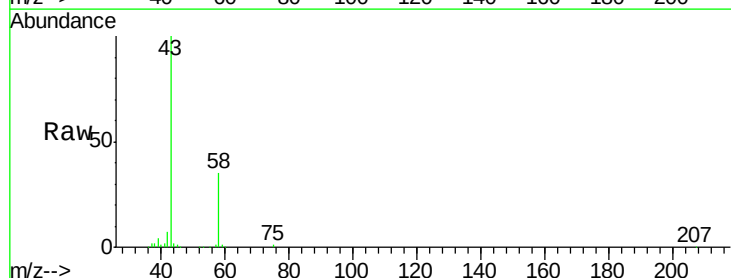
Acq: 05 May 2020 12:06

Tgt Ion: 43 Resp: 536790

Ion Ratio Lower Upper

43 100

58 34.7 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.96

200000

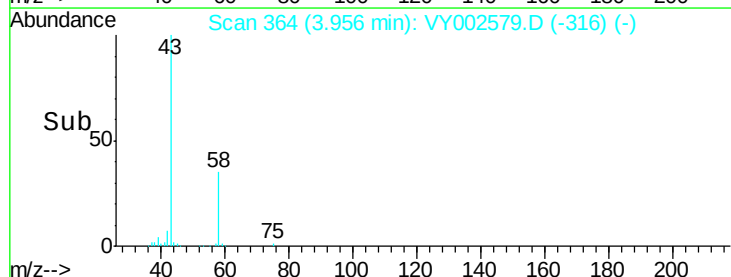
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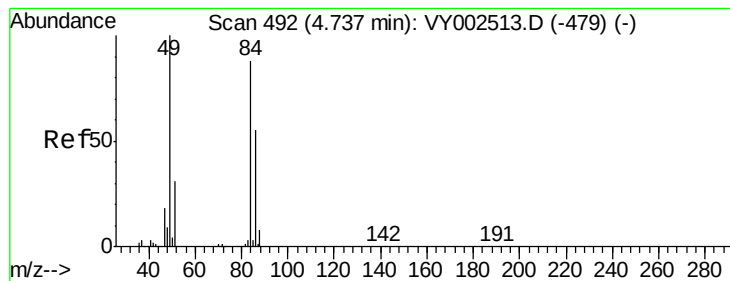
100000

50000

0

Time-->





#20

Methylene Chloride

Concen: 45.688 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOIL

Tot Ion: 84 Resp: 180576

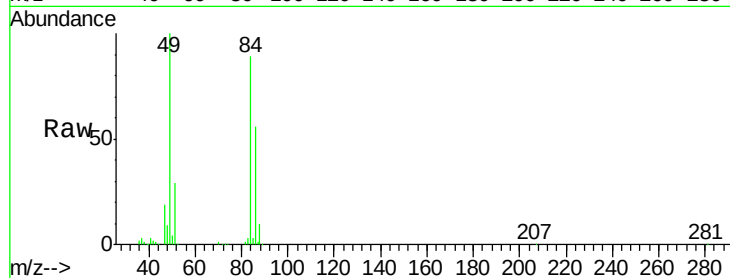
Ion Ratio Lower Upper

84 100

49 112.4 90.5 135.7

51 32.9 28.3 42.5

86 63.4 49.9 74.9

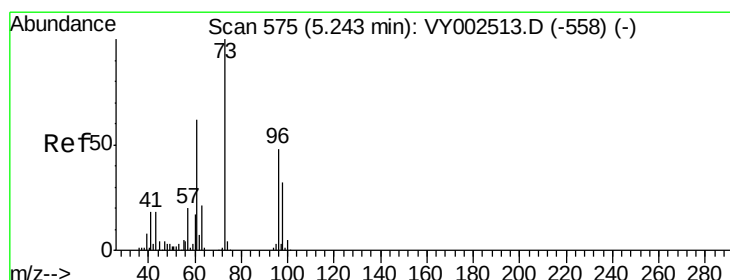
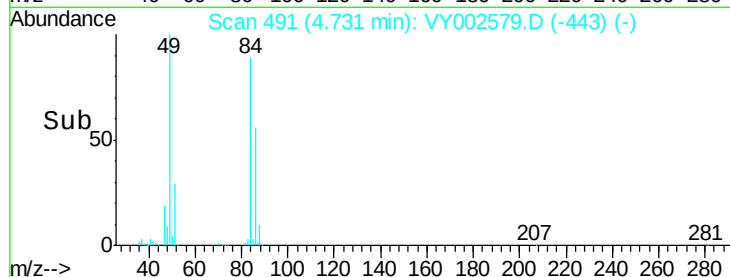
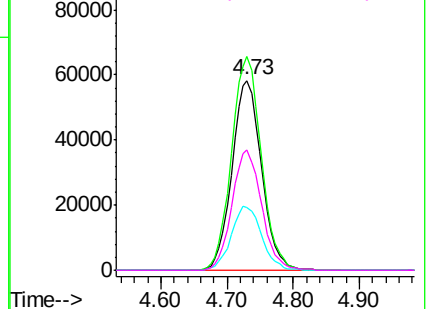


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#21

trans-1,2-Dichloroethene

Concen: 135.121 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

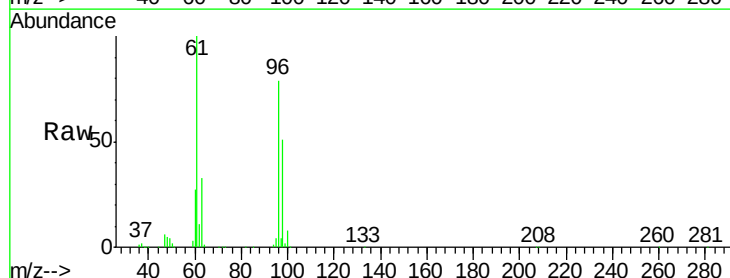
Tgt Ion: 96 Resp: 517819

Ion Ratio Lower Upper

96 100

61 126.4 102.0 153.0

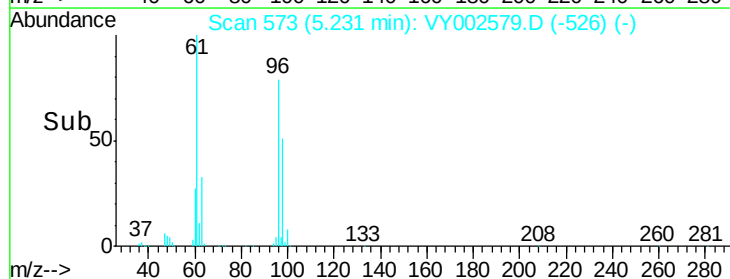
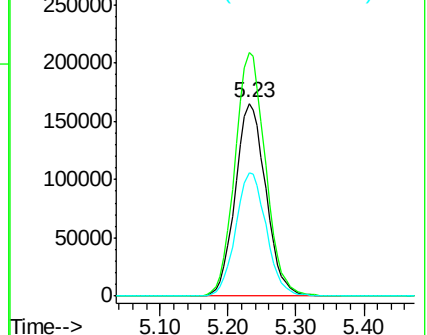
98 64.3 53.0 79.4

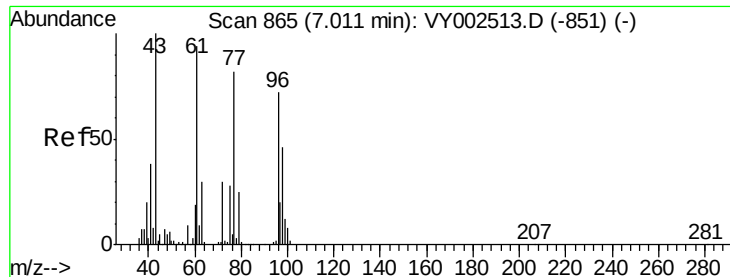


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#25

2-Butanone

Concen: 217.451 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampled :

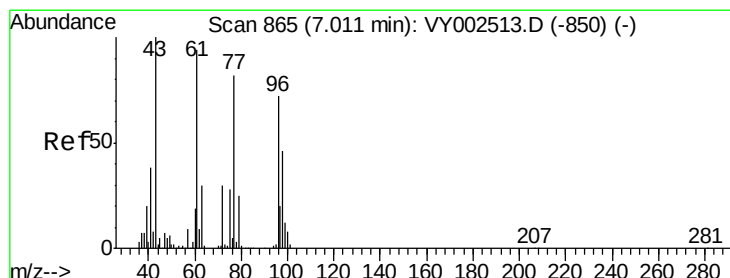
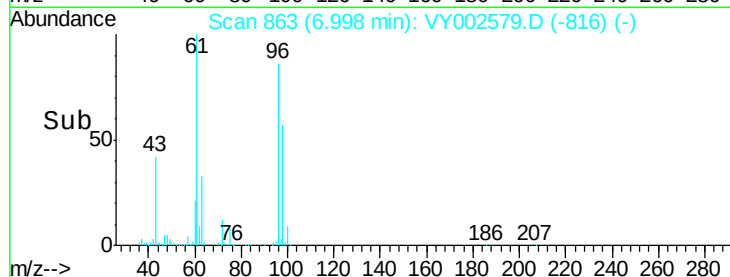
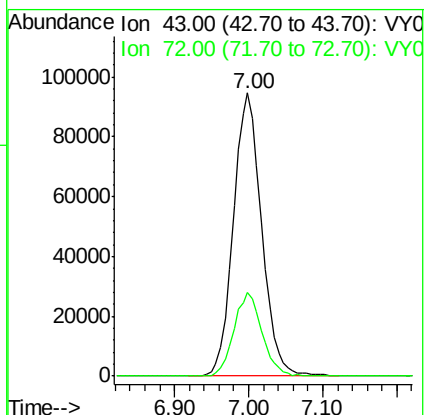
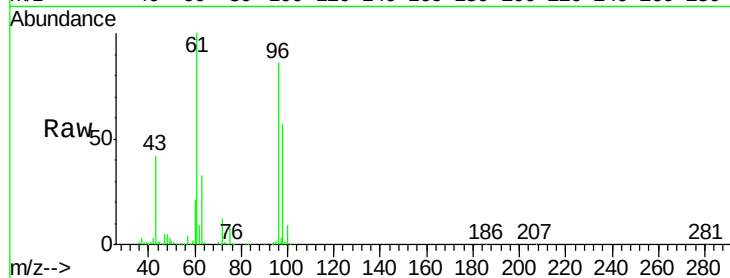
PT-VOA-SOIL

Tot Ion: 43 Resp: 251579

Ion Ratio Lower Upper

43 100

72 29.4 24.1 36.1



#27

cis-1,2-Dichloroethene

Concen: 124.713 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

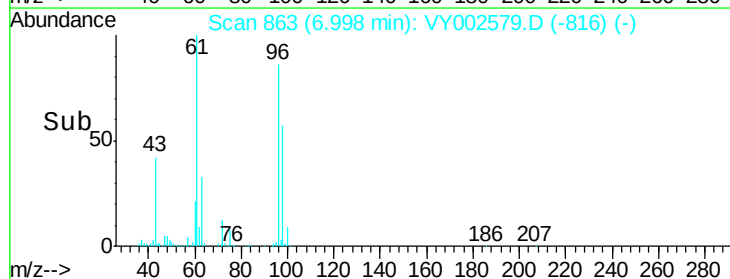
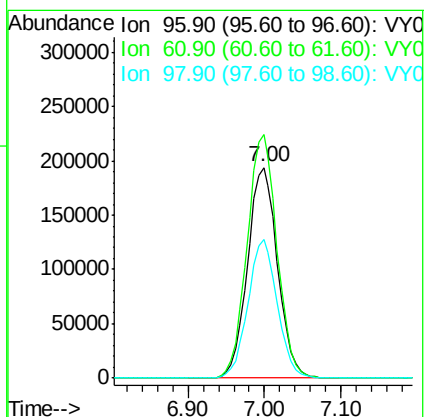
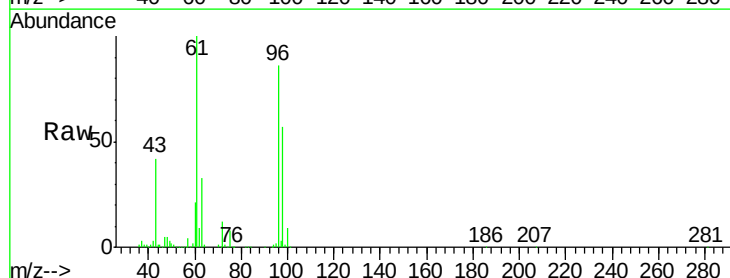
Tgt Ion: 96 Resp: 528826

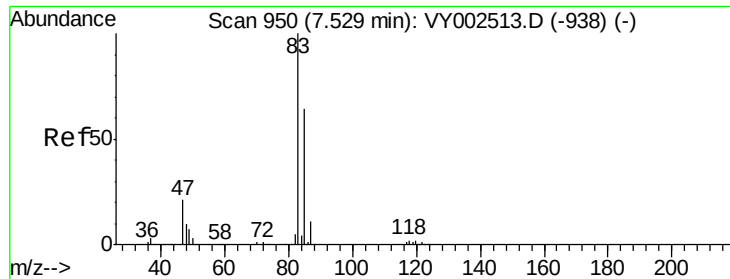
Ion Ratio Lower Upper

96 100

61 115.5 0.0 266.6

98 64.3 0.0 129.2

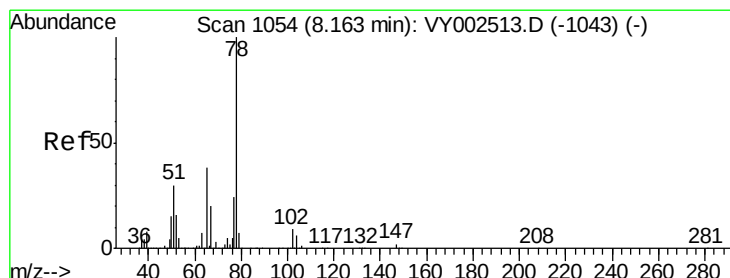
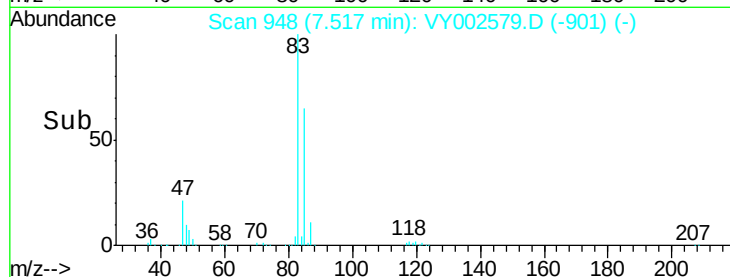
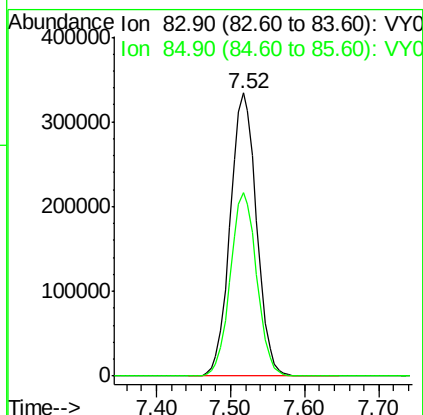
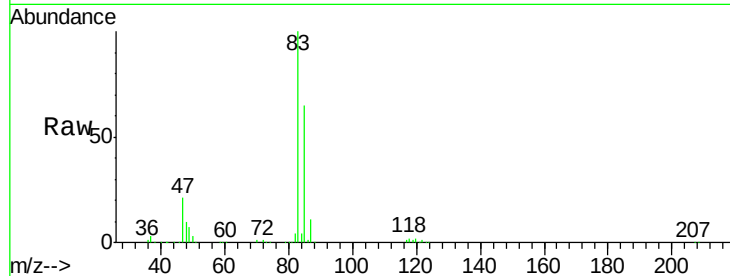




#30
Chloroform
Concen: 130.179 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002579.D
Acq: 05 May 2020 12:06

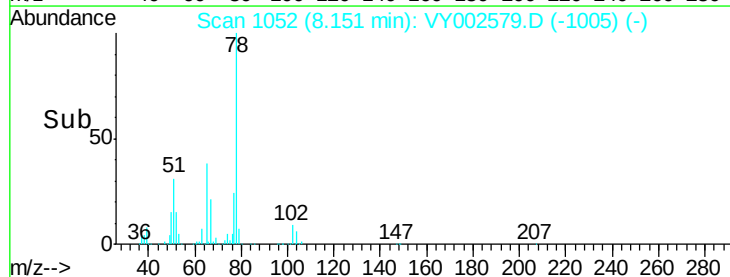
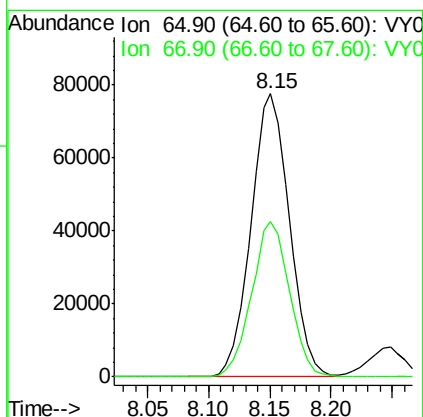
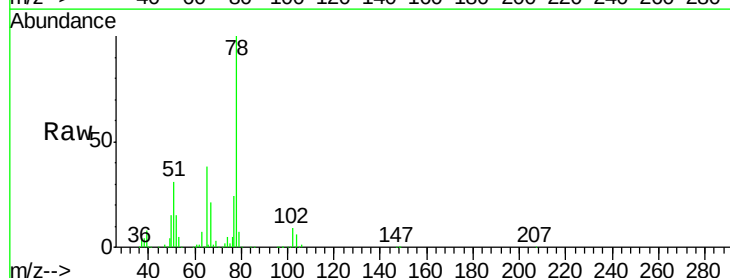
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

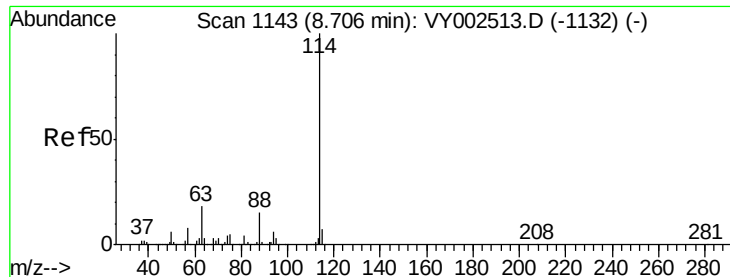
Tot Ion: 83 Resp: 827730
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 49.455 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002579.D
Acq: 05 May 2020 12:06

Tgt Ion: 65 Resp: 169368
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2

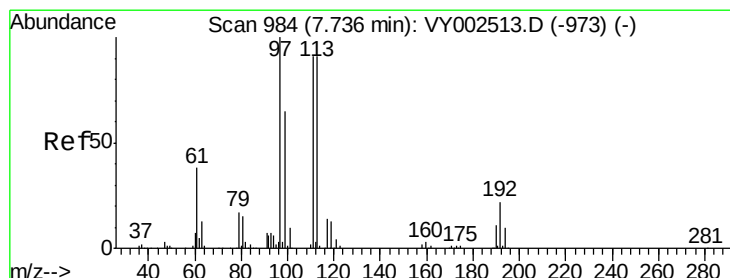
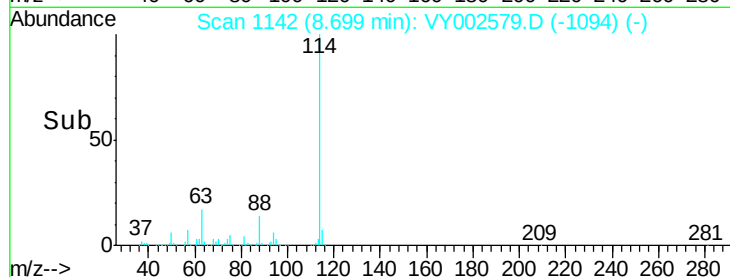
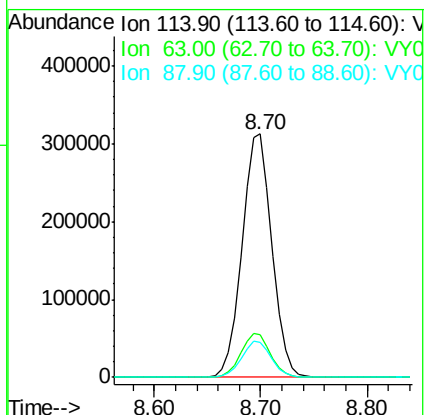
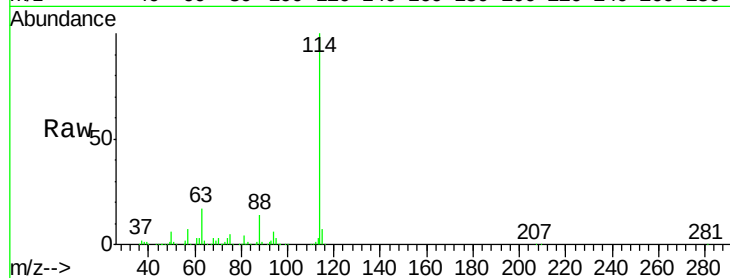




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002579.D
 Acq: 05 May 2020 12:06

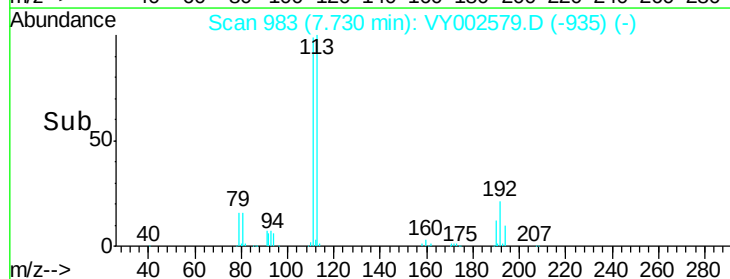
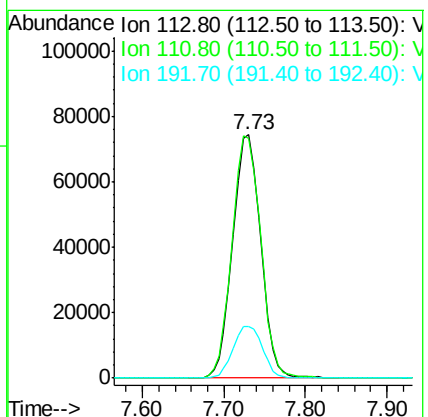
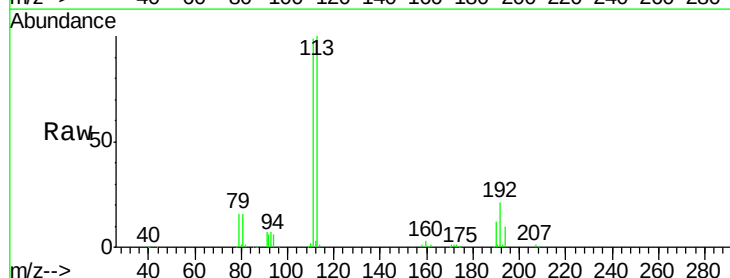
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

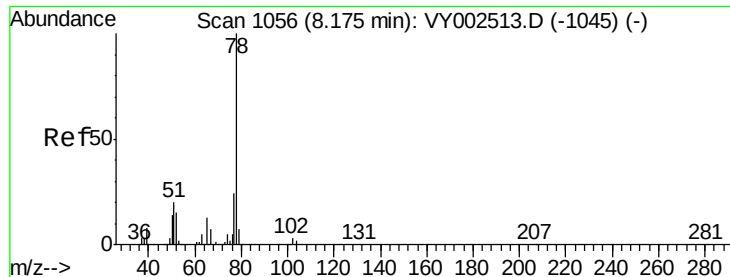
Tot Ion:114	Resp:	612289
Ion Ratio	Lower	Upper
114 100		
63 17.3	0.0	36.4
88 14.3	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 50.505 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002579.D
 Acq: 05 May 2020 12:06

Tgt Ion:113	Resp:	176853
Ion Ratio	Lower	Upper
113 100		
111 101.9	81.8	122.6
192 22.5	18.2	27.4





#40

Benzene

Concen: 60.450 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

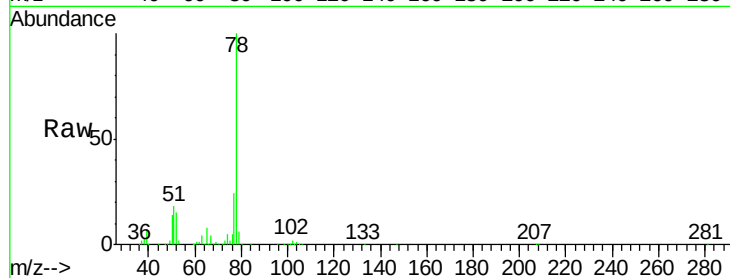
PT-VOA-SOIL

Tot Ion: 78 Resp: 896164

Ion Ratio Lower Upper

78 100

77 23.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

8.17

400000

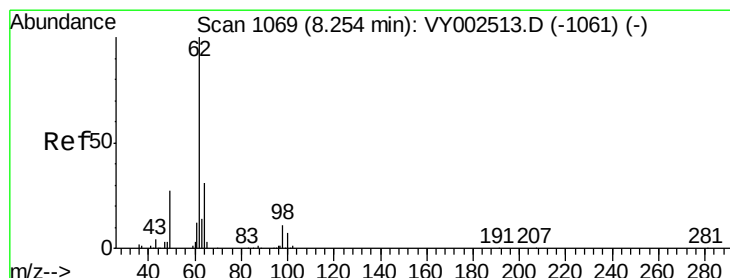
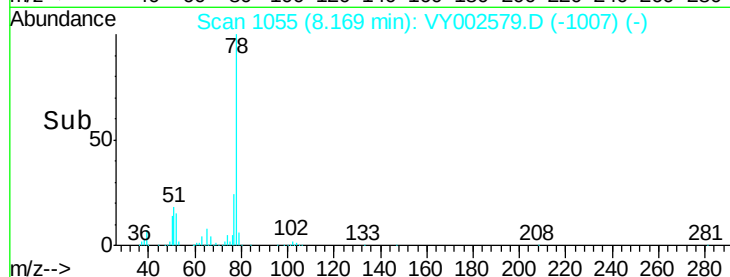
300000

200000

100000

0

Time-->



#42

1,2-Dichloroethane

Concen: 93.906 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY002579.D

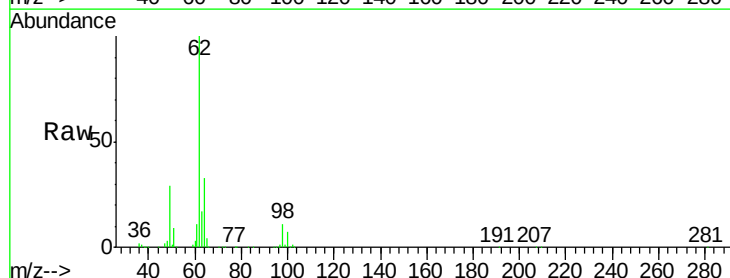
Acq: 05 May 2020 12:06

Tgt Ion: 62 Resp: 390494

Ion Ratio Lower Upper

62 100

98 11.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

8.24

200000

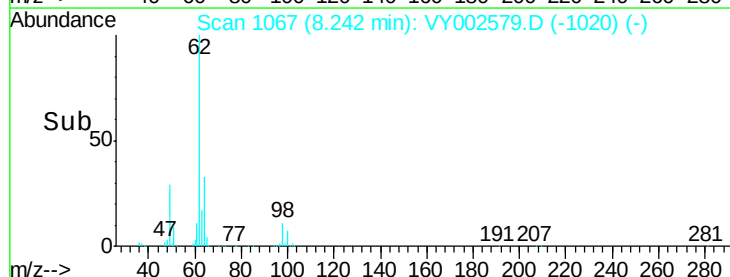
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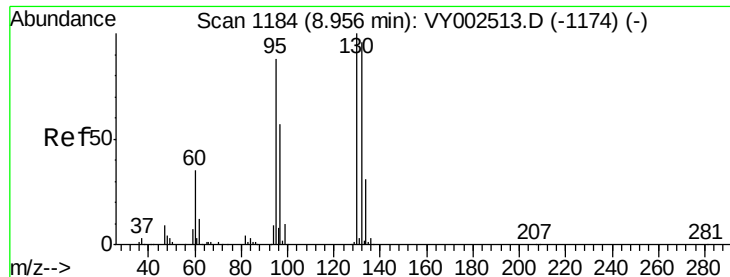
100000

50000

0

Time-->





#44

Trichloroethene

Concen: 133.681 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

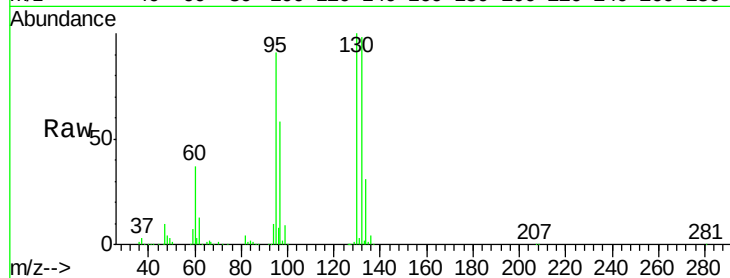
PT-VOA-SOIL

Tot Ion:130 Resp: 619341

Ion Ratio Lower Upper

130 100

95 91.2 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002513.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002513.D (-1174) (-)

8.94

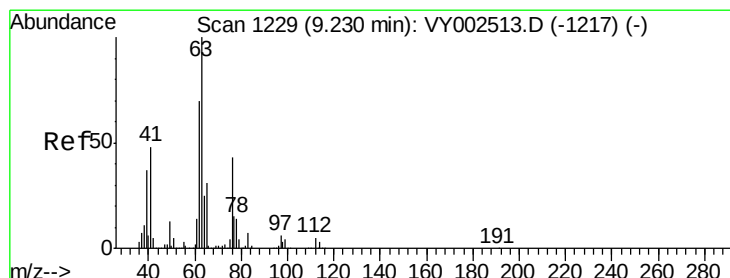
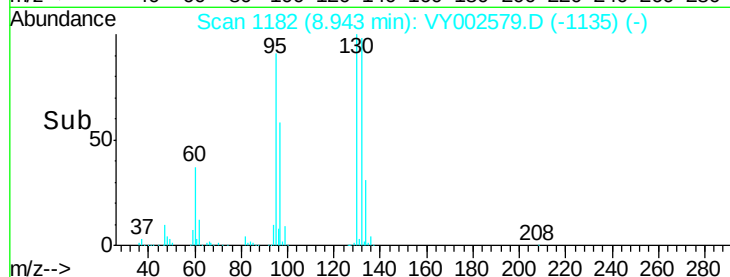
300000

200000

100000

0

Time--> 8.80 8.90 9.00 9.10



#45

1,2-Dichloropropane

Concen: 44.354 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY002579.D

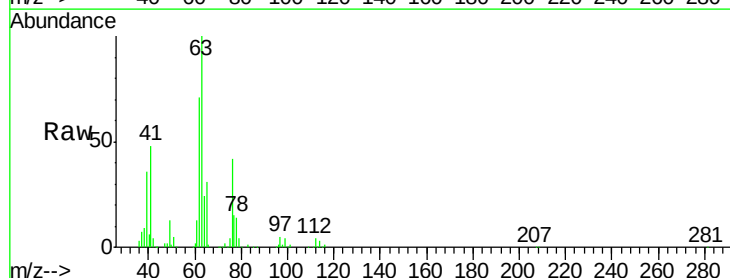
Acq: 05 May 2020 12:06

Tgt Ion: 63 Resp: 158693

Ion Ratio Lower Upper

63 100

65 31.2 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY002513.D (-1217) (-)

Ion 64.90 (64.60 to 65.60): VY002513.D (-1217) (-)

9.22

80000

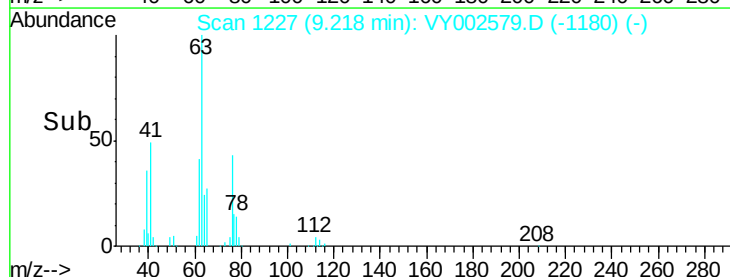
60000

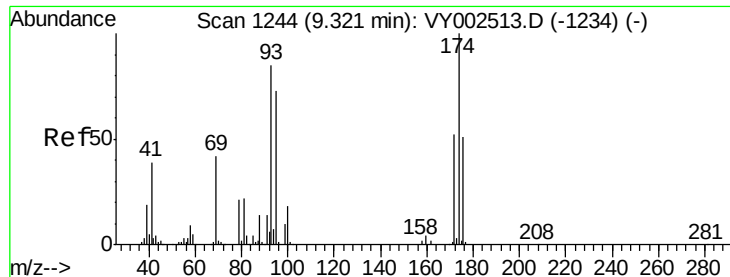
40000

20000

0

Time--> 9.10 9.15 9.20 9.25 9.30

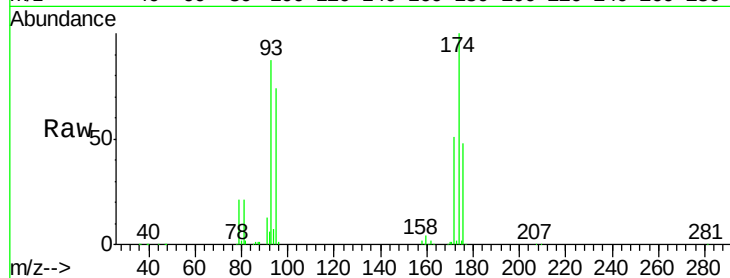




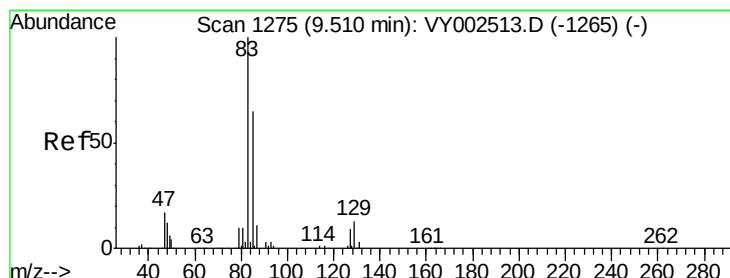
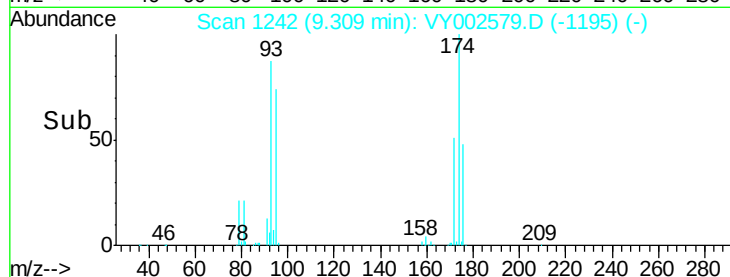
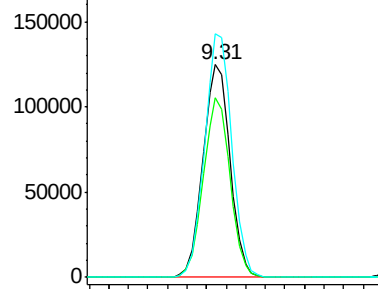
#46
Dibromomethane
Concen: 115.865 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002579.D
Acq: 05 May 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

Tot Ion: 93 Resp: 238517
Ion Ratio Lower Upper
93 100
95 83.7 67.0 100.4
174 115.3 92.7 139.1

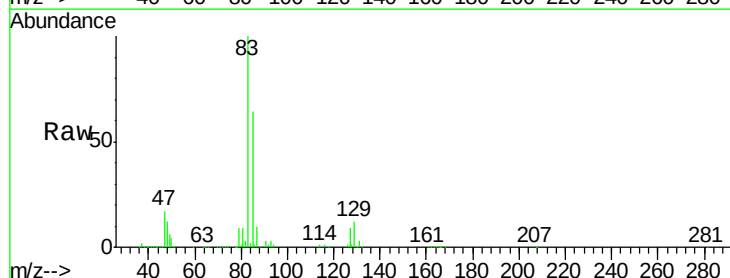


Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V

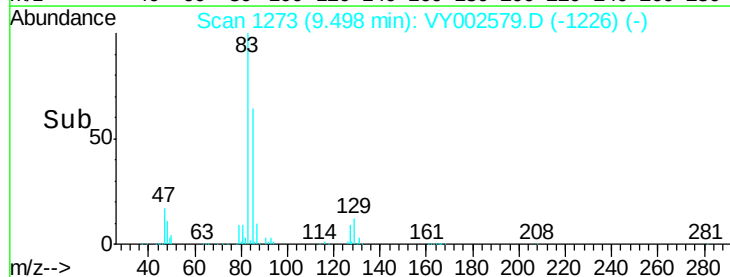
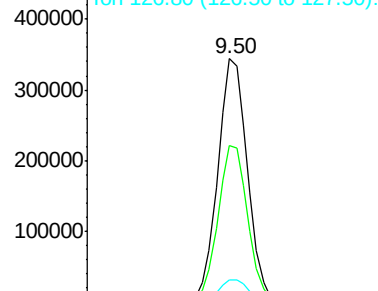


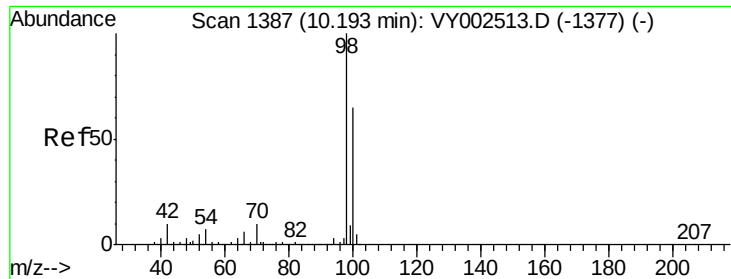
#47
Bromodichloromethane
Concen: 126.906 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY002579.D
Acq: 05 May 2020 12:06

Tgt Ion: 83 Resp: 635227
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 50.602 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

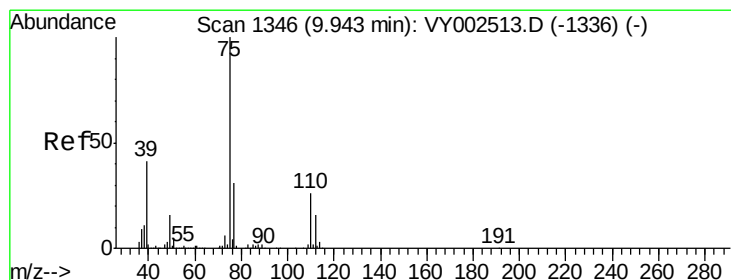
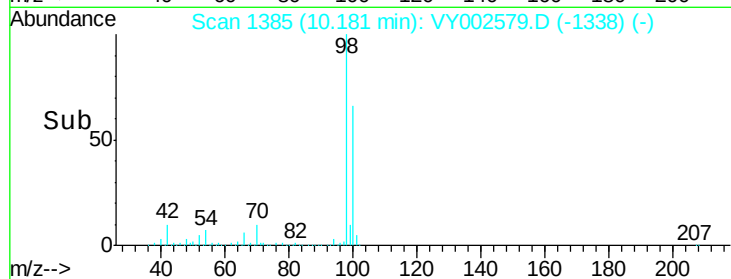
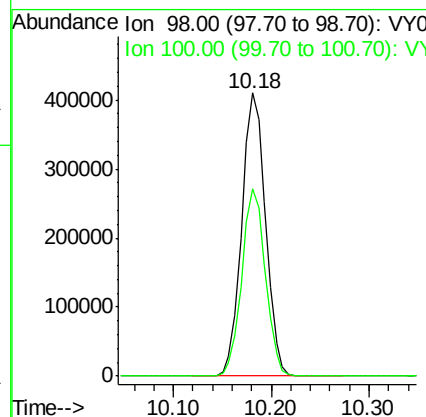
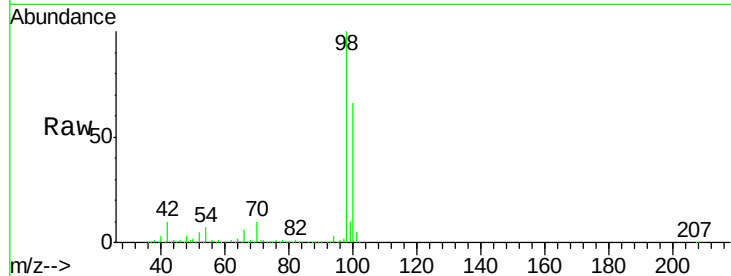
PT-VOA-SOIL

Tot Ion: 98 Resp: 691958

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2



#54

cis-1,3-Dichloropropene

Concen: 118.920 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

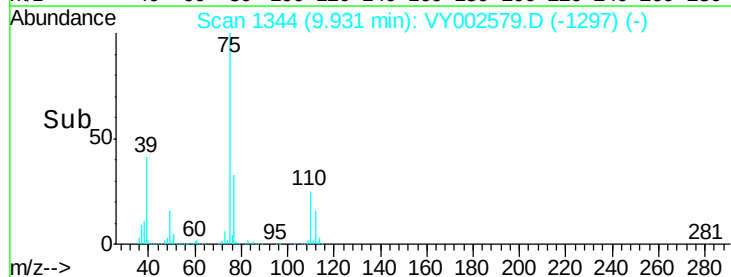
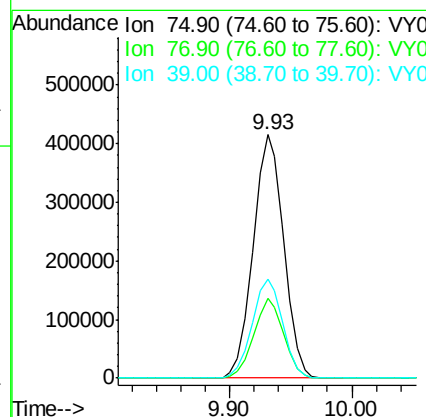
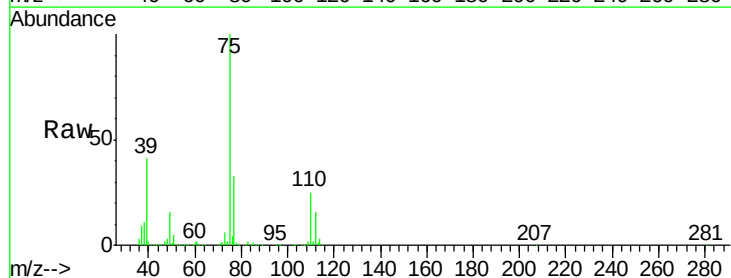
Tgt Ion: 75 Resp: 721008

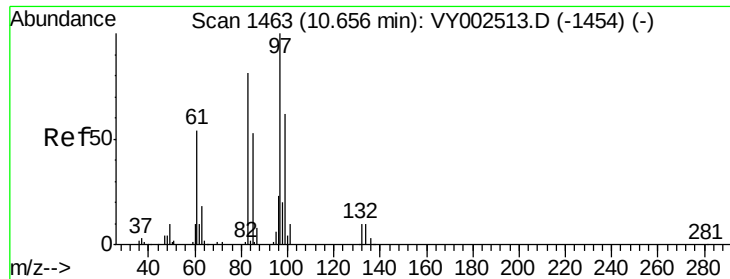
Ion Ratio Lower Upper

75 100

77 32.7 25.1 37.7

39 40.5 32.7 49.1

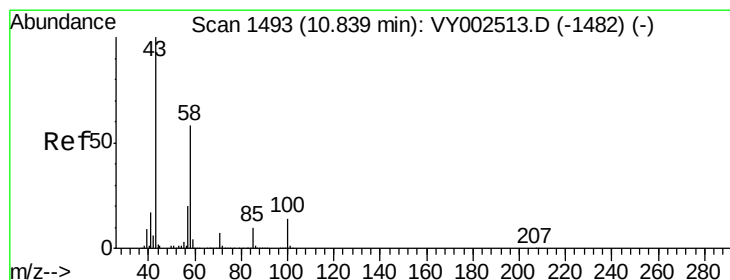
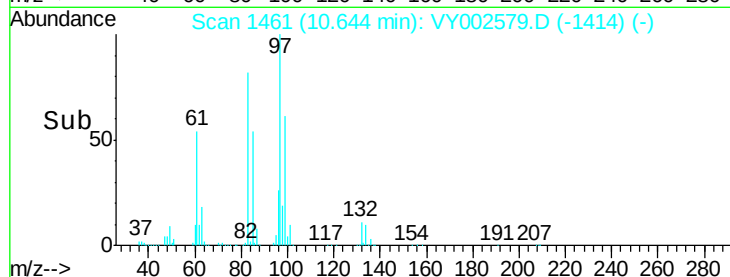
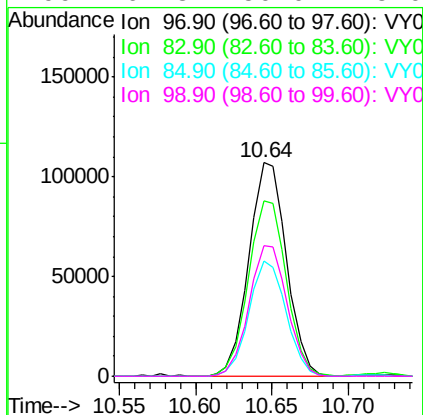
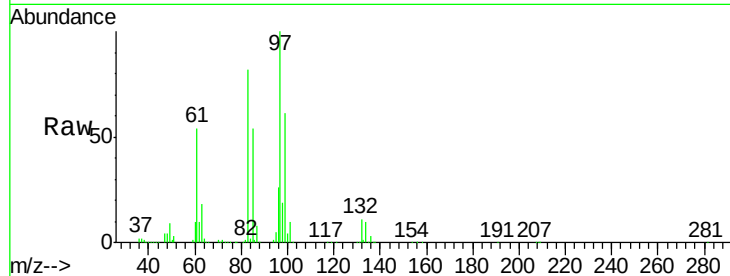




#55
 1,1,2-Trichloroethane
 Concen: 61.136 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY002579.D
 Acq: 05 May 2020 12:06

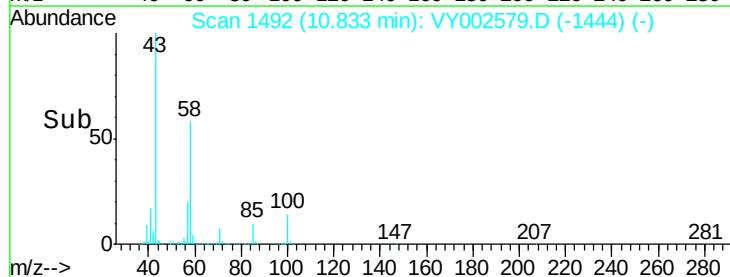
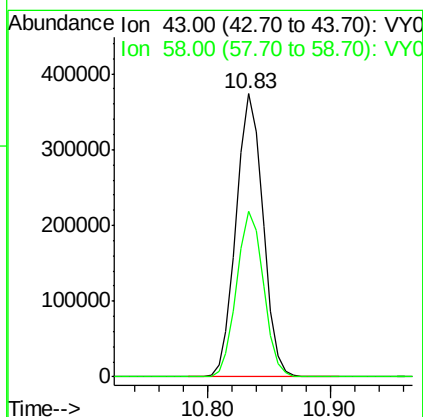
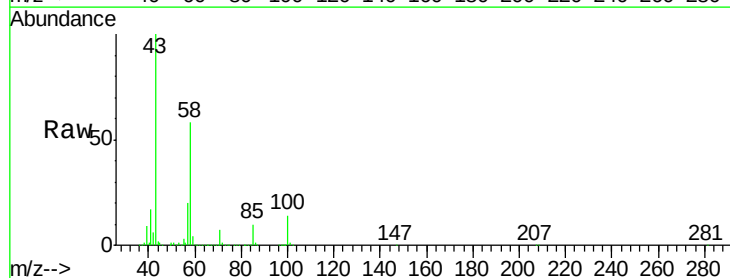
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

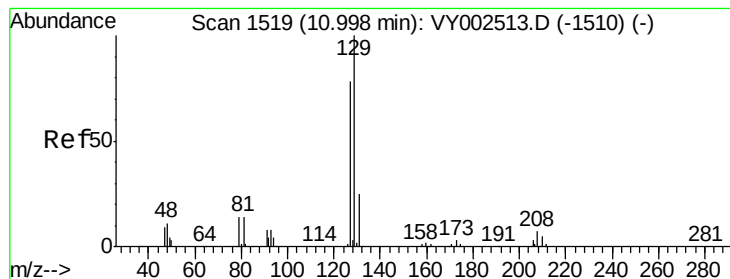
Tot Ion:	97	Resp:	183529
Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.1	97.7
85	54.2	42.7	64.1
99	61.3	50.0	75.0



#59
 2-Hexanone
 Concen: 324.544 ug/l
 RT: 10.83 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: VY002579.D
 Acq: 05 May 2020 12:06

Tgt Ion:	43	Resp:	569328
Ion	Ratio	Lower	Upper
43	100		
58	58.4	29.1	87.3





#60

Dibromochloromethane

Concen: 122.394 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

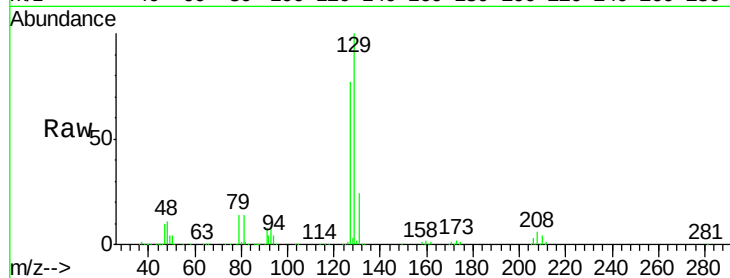
PT-VOA-SOIL

Tot Ion:129 Resp: 467317

Ion Ratio Lower Upper

129 100

127 77.4 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.99

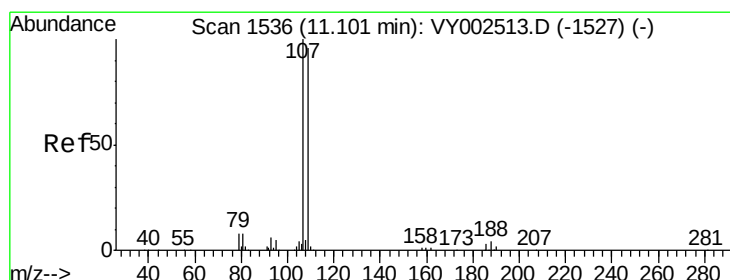
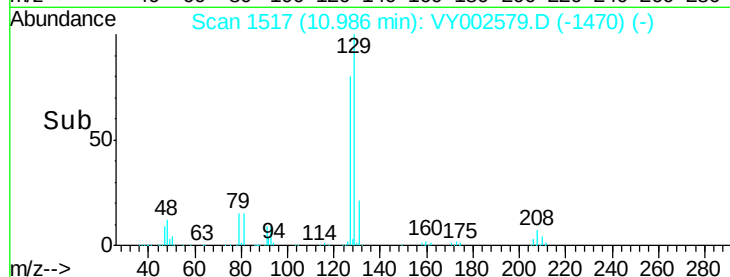
300000

200000

100000

0

Time-->



#61

1,2-Dibromoethane

Concen: 105.871 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VY002579.D

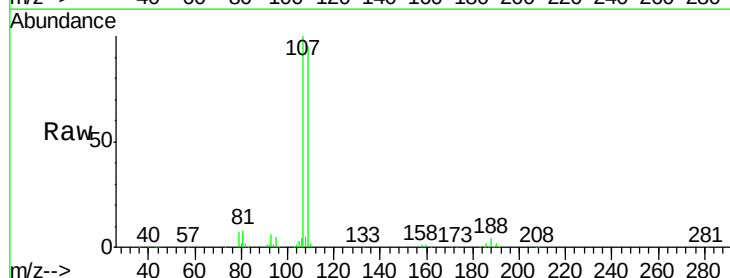
Acq: 05 May 2020 12:06

Tgt Ion:107 Resp: 314700

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

200000

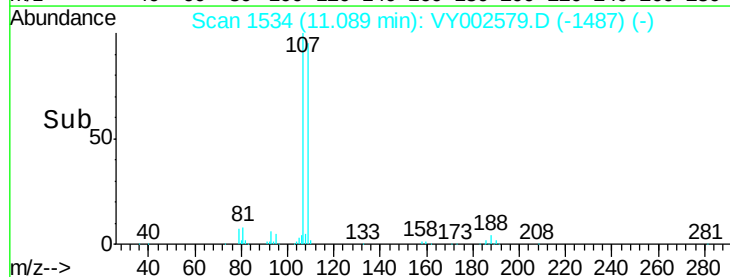
150000

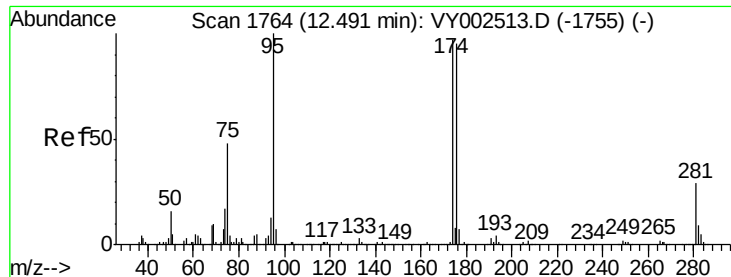
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.944 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOIL

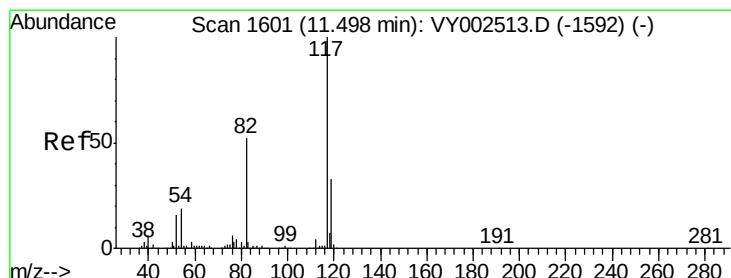
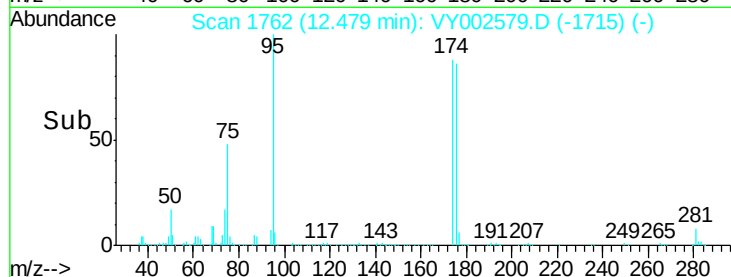
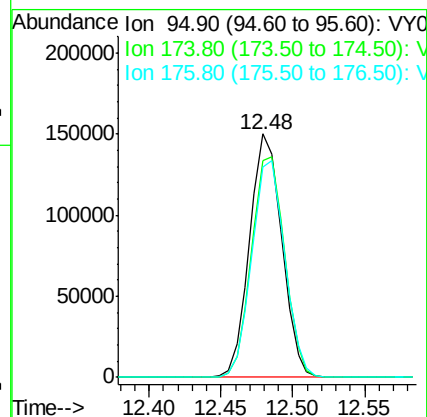
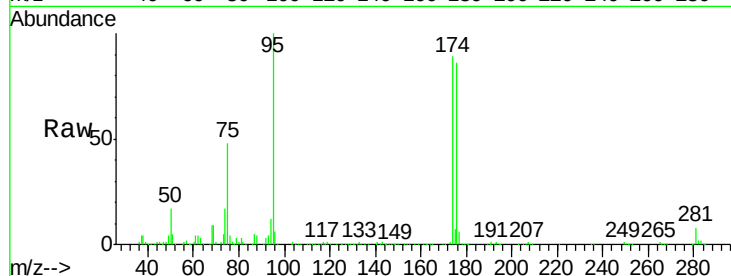
Tot Ion: 95 Resp: 231747

Ion Ratio Lower Upper

95 100

174 93.2 0.0 188.8

176 90.9 0.0 183.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

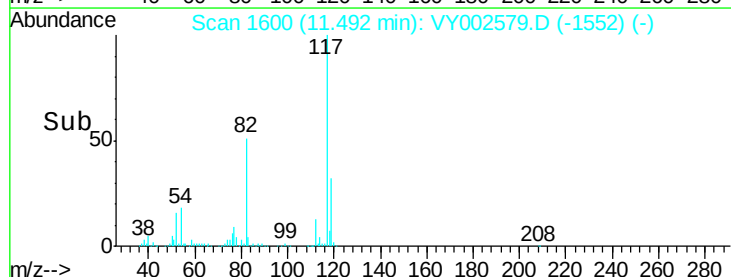
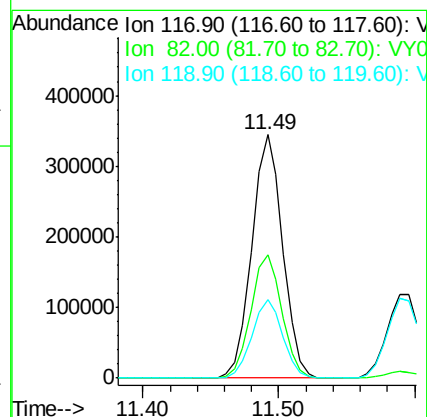
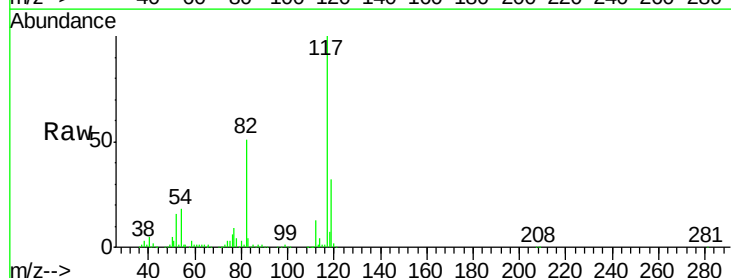
Tgt Ion: 117 Resp: 546014

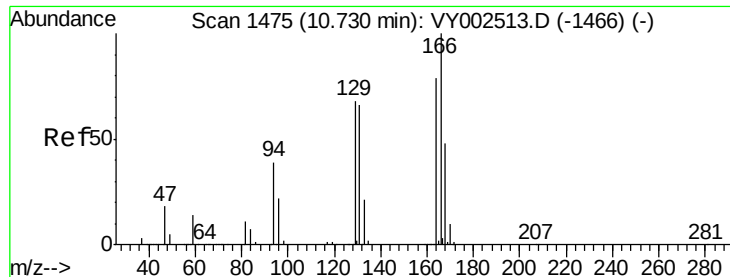
Ion Ratio Lower Upper

117 100

82 50.7 41.3 61.9

119 32.2 26.0 39.0





#64

Tetrachloroethene

Concen: 29.959 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOIL

Tot Ion:164 Resp: 145339

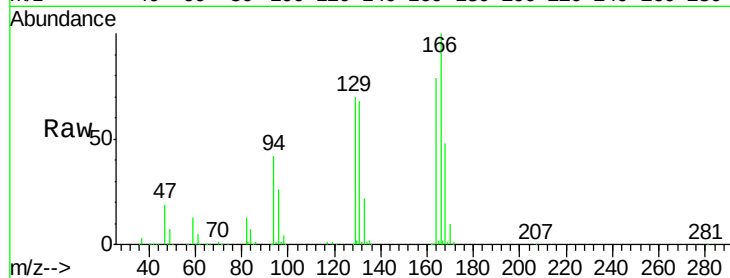
Ion Ratio Lower Upper

164 100

166 127.3 100.7 151.1

129 89.2 68.3 102.5

131 86.6 66.8 100.2

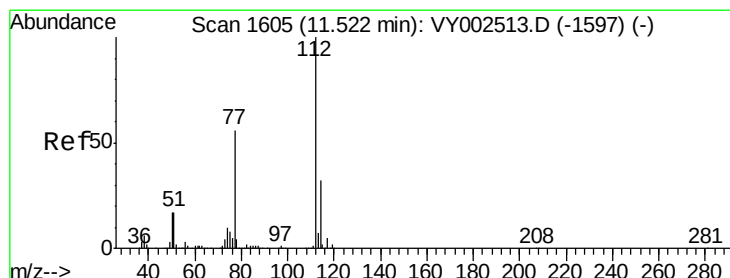
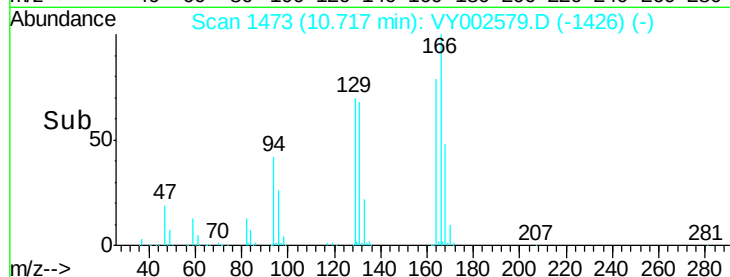
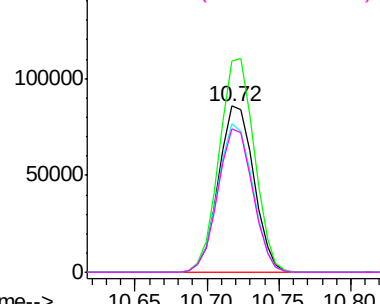


Abundance Ion 163.80 (163.50 to 164.50): V

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: 131.869 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY002579.D

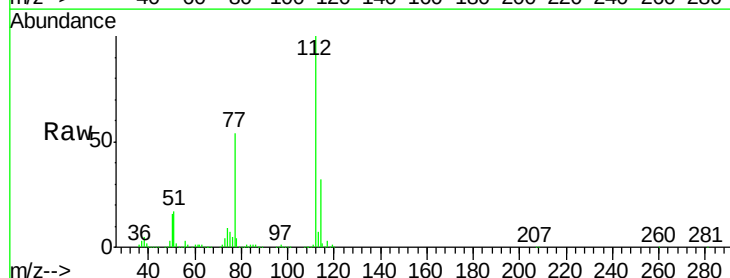
Acq: 05 May 2020 12:06

Tgt Ion:112 Resp: 1368767

Ion Ratio Lower Upper

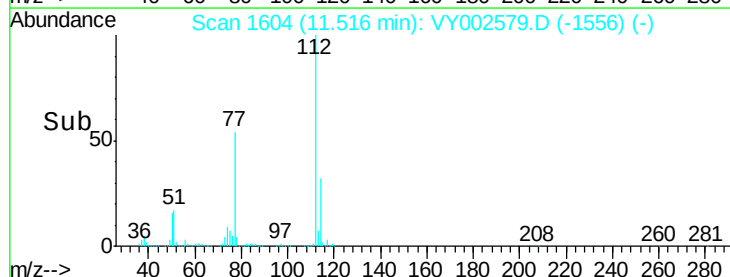
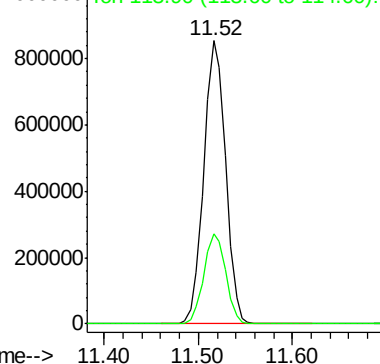
112 100

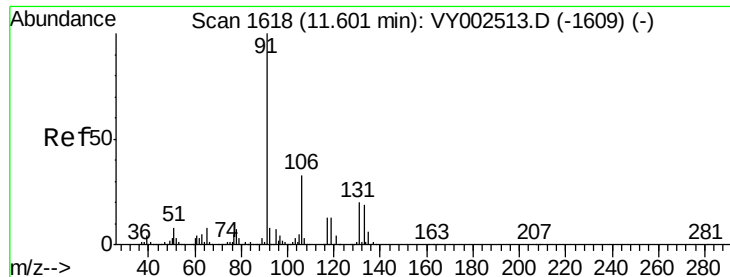
114 31.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

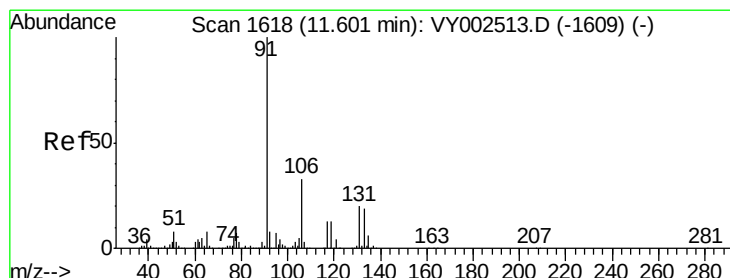
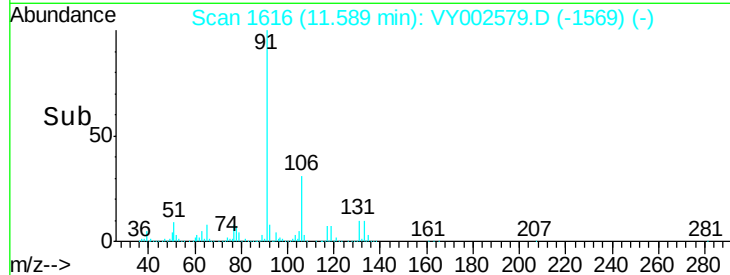
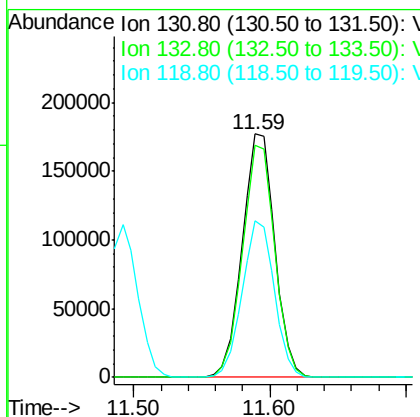
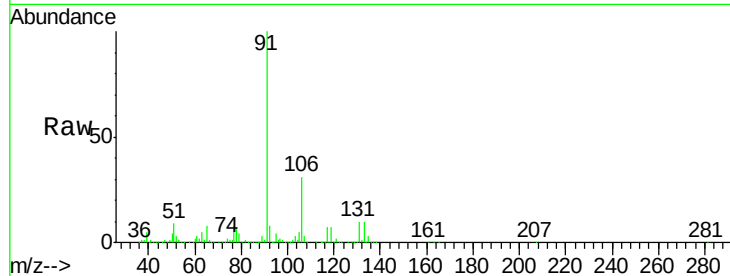




#66
 1,1,1,2-Tetrachloroethane
 Concen: 76.755 ug/l
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: VY002579.D
 Acq: 05 May 2020 12:06

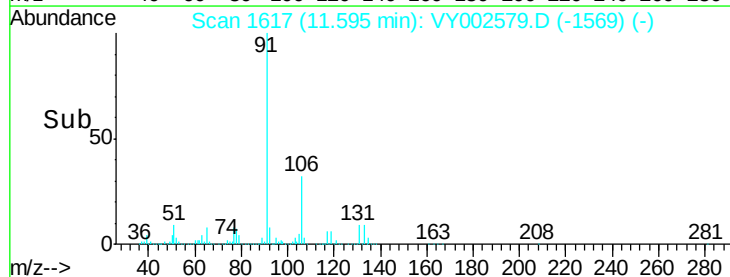
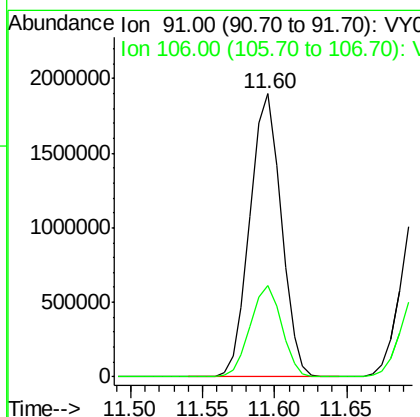
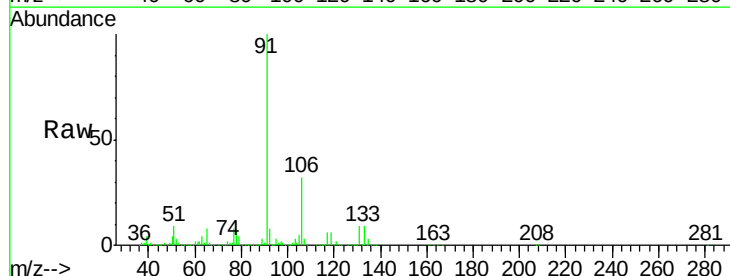
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

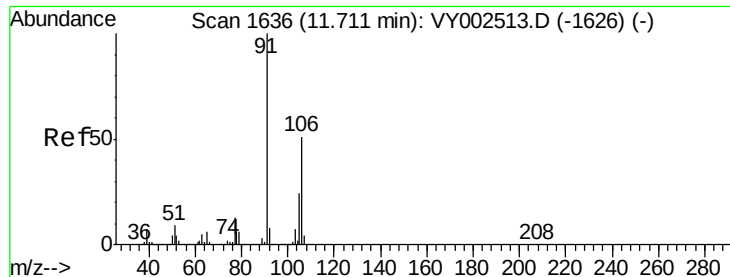
Tot Ion:131 Resp: 295735
 Ion Ratio Lower Upper
 131 100
 133 94.9 48.1 144.4
 119 63.5 31.6 95.0



#67
 Ethyl Benzene
 Concen: 157.160 ug/l
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: VY002579.D
 Acq: 05 May 2020 12:06

Tgt Ion: 91 Resp: 2865452
 Ion Ratio Lower Upper
 91 100
 106 32.4 26.1 39.1

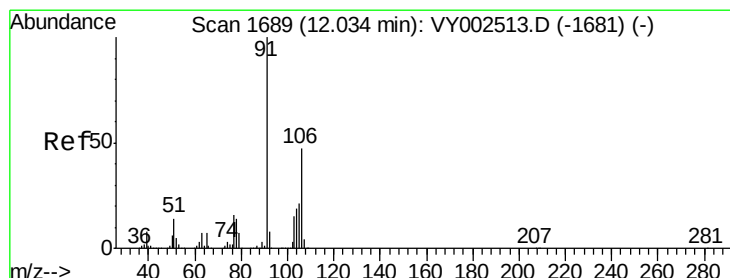
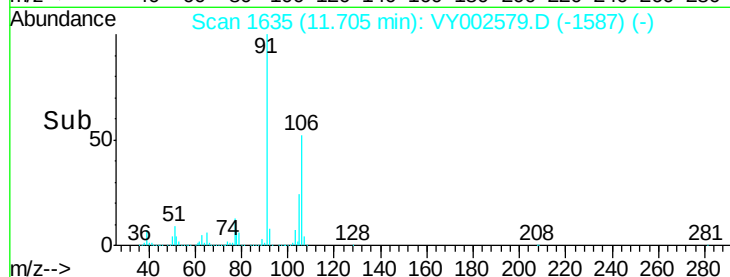
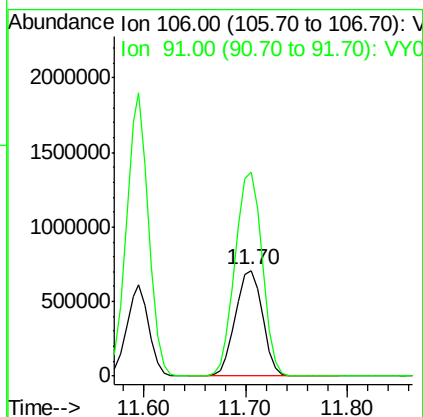
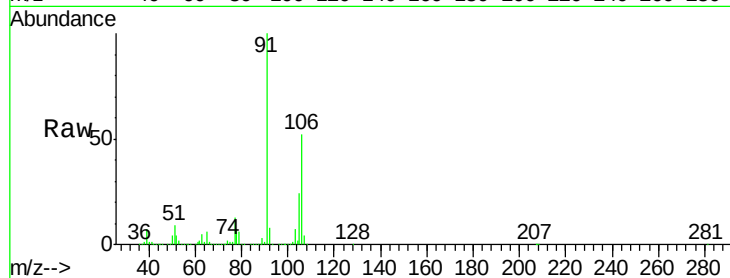




#68
m/p-Xylenes
Concen: 183.669 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002579.D
Acq: 05 May 2020 12:06

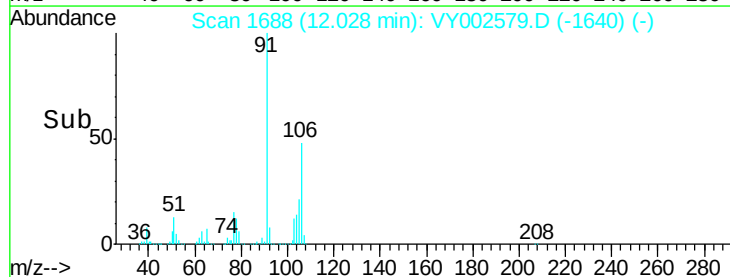
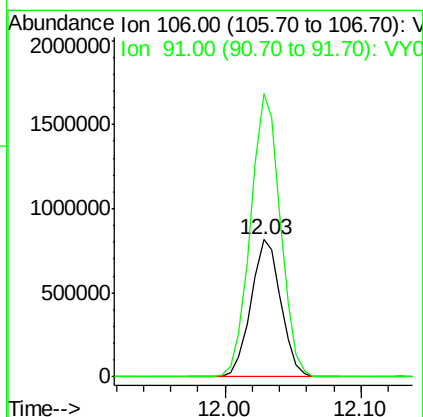
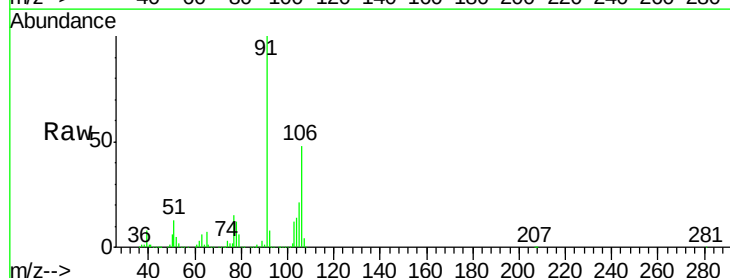
Instrument :
MSVOA_Y
ClientSampled :
PT-VOA-SOIL

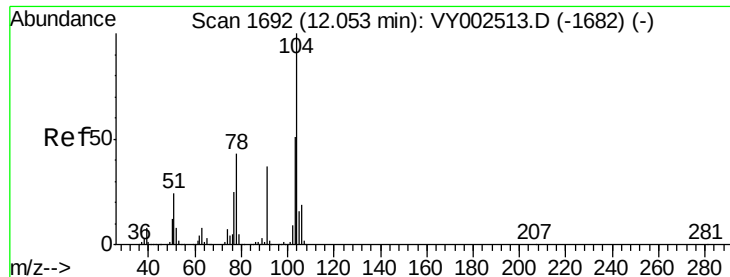
Tot Ion:106 Resp: 1295722
Ion Ratio Lower Upper
106 100
91 193.7 155.2 232.8



#69
o-Xylene
Concen: 190.883 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002579.D
Acq: 05 May 2020 12:06

Tgt Ion:106 Resp: 1260856
Ion Ratio Lower Upper
106 100
91 205.5 103.8 311.3

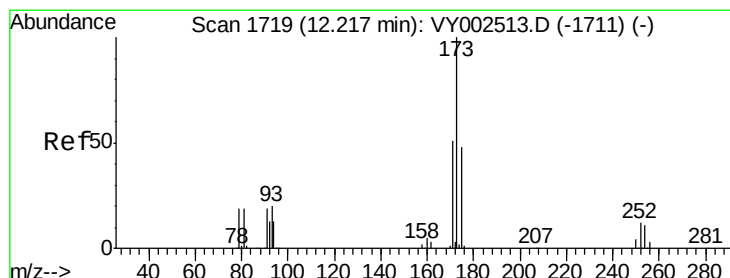
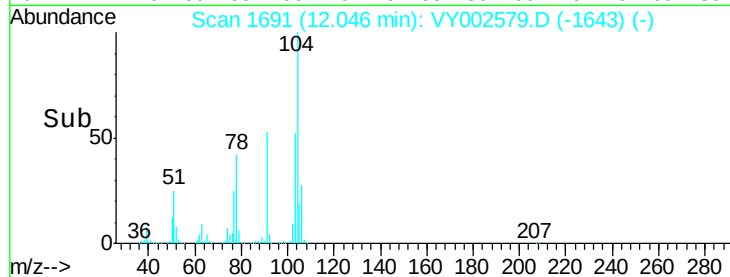
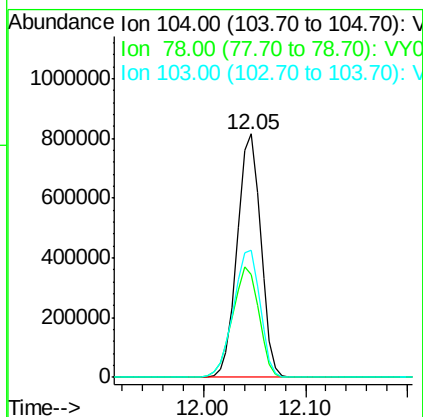
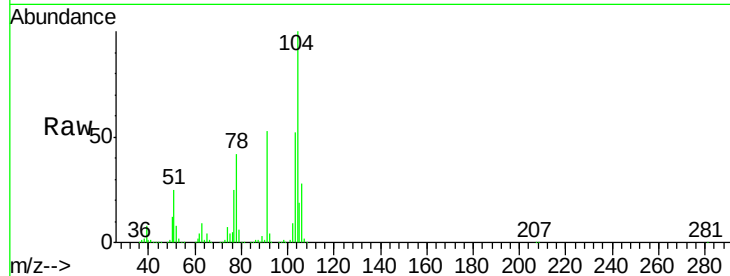




#70
Stvrene
Concen: 114.803 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002579.D
Acq: 05 May 2020 12:06

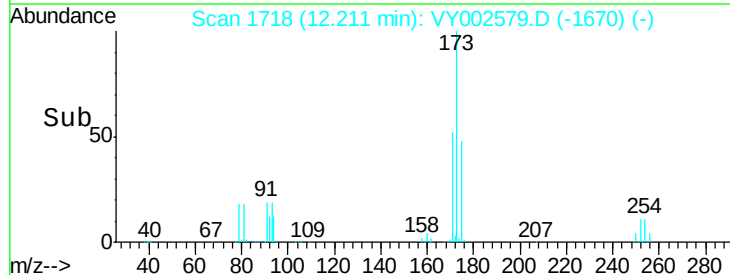
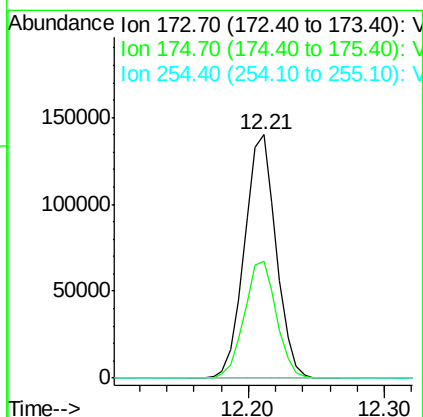
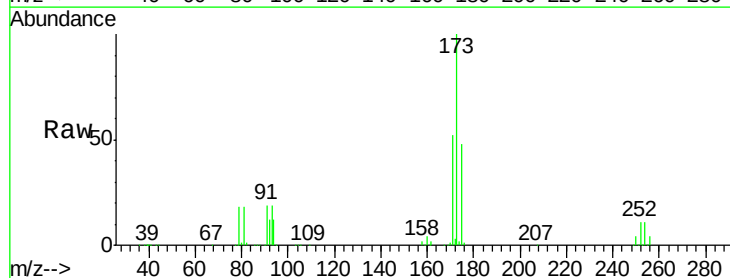
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

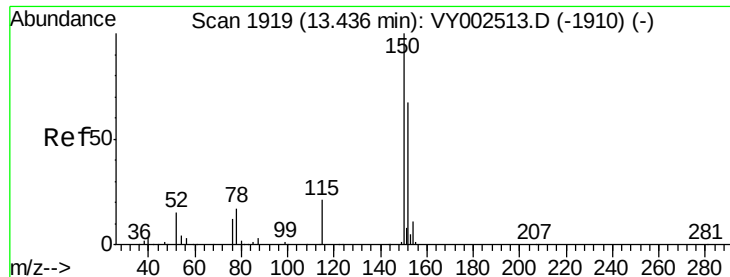
Tot Ion:104 Resp: 1296361
Ion Ratio Lower Upper
104 100
78 51.0 37.4 56.0
103 59.0 43.9 65.9



#71
Bromoform
Concen: 94.937 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002579.D
Acq: 05 May 2020 12:06

Tgt Ion:173 Resp: 227035
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.1 0.2 0.2#



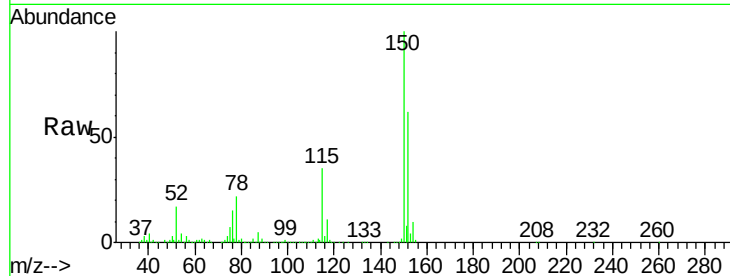


#72

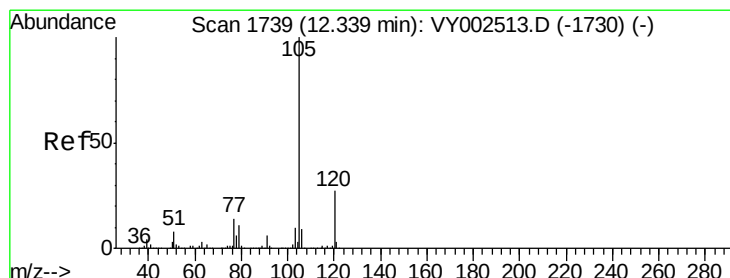
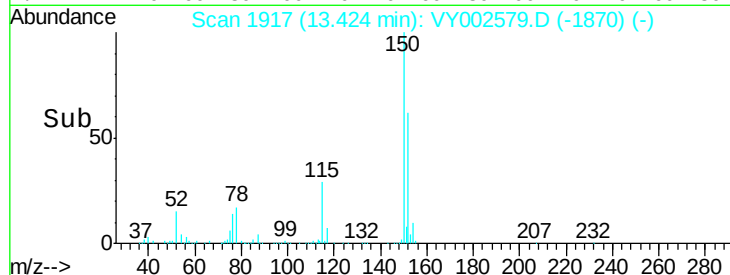
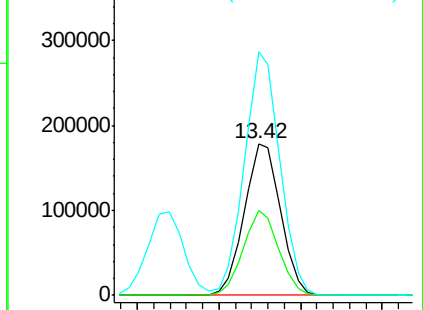
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002579.D
Acq: 05 May 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.5	82.4
150	156.9	0.0	346.4



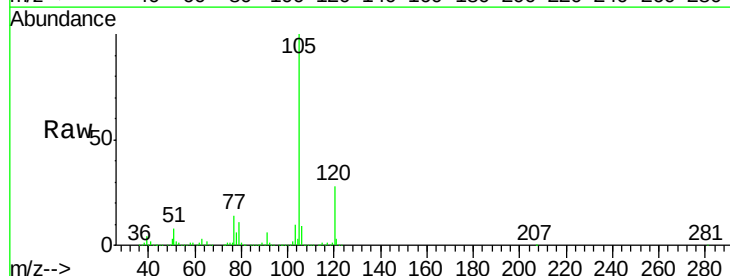
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



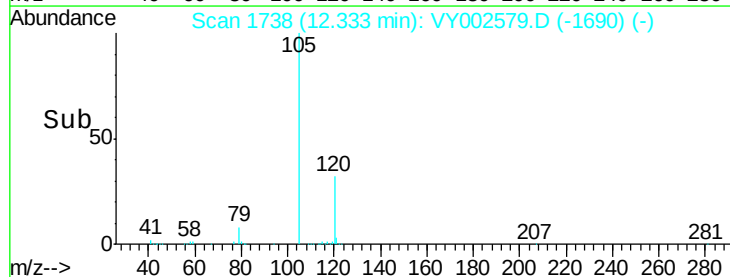
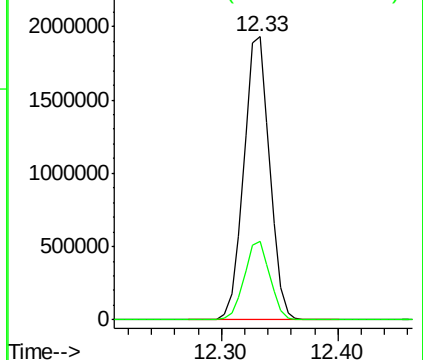
#73

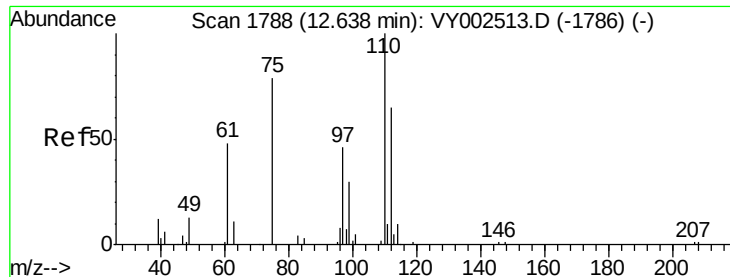
Isopropylbenzene
Concen: 166.466 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002579.D
Acq: 05 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.8	41.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 34.301 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

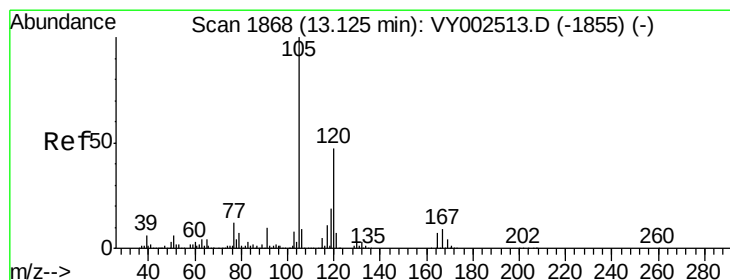
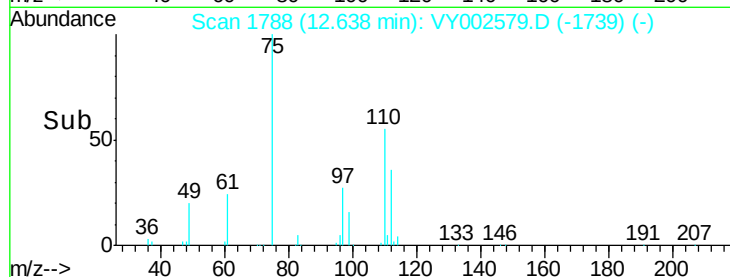
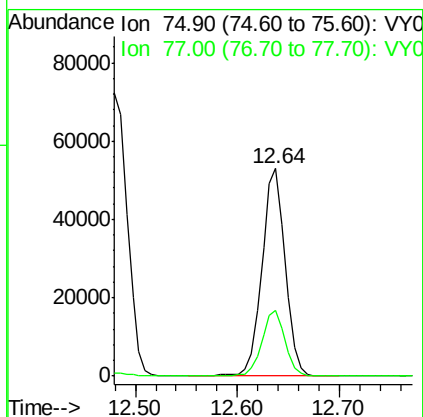
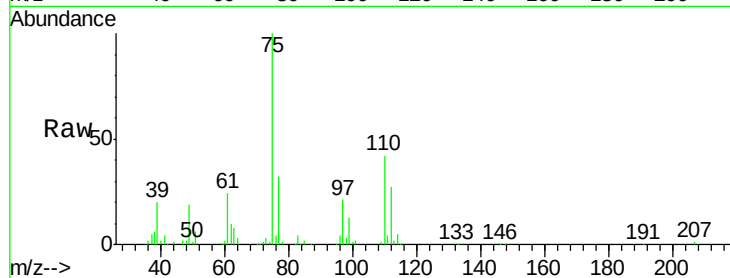
PT-VOA-SOIL

Tot Ion: 75 Resp: 84288

Ion Ratio Lower Upper

75 100

77 31.9 0.0 0.0#



#84

1,2,4-Trimethylbenzene

Concen: 157.464 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.01 min

Lab File: VY002579.D

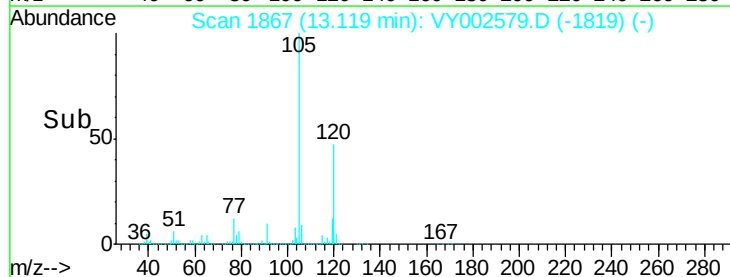
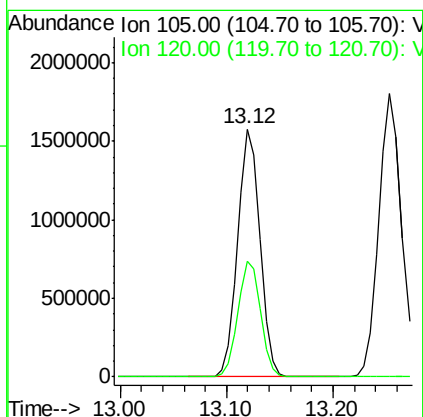
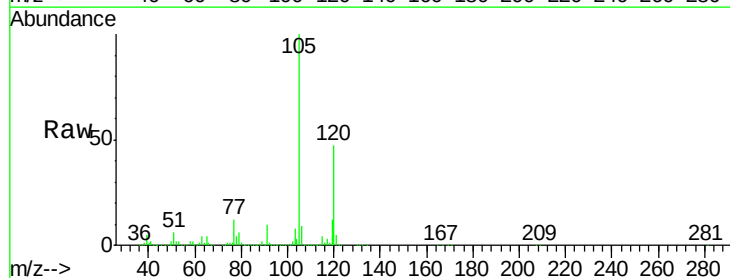
Acq: 05 May 2020 12:06

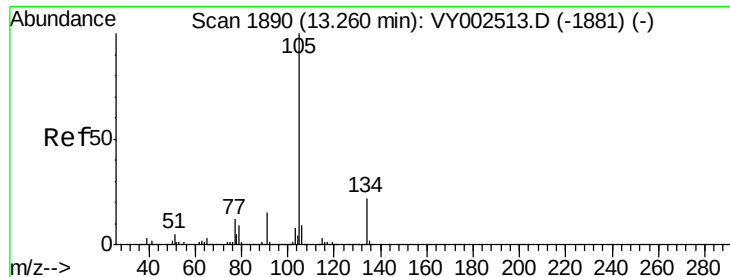
Tgt Ion: 105 Resp: 2331209

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.3





#85

sec-Butylbenzene

Concen: 146.991 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

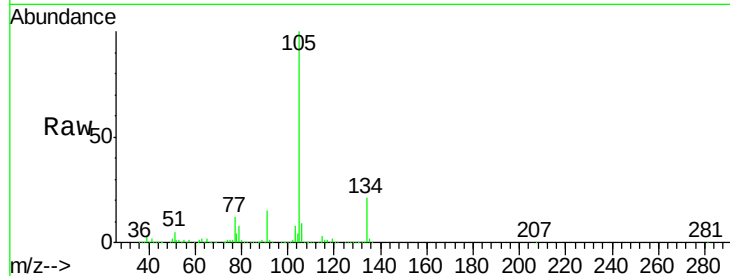
PT-VOA-SOIL

Tot Ion:105 Resp: 2656724

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

2000000

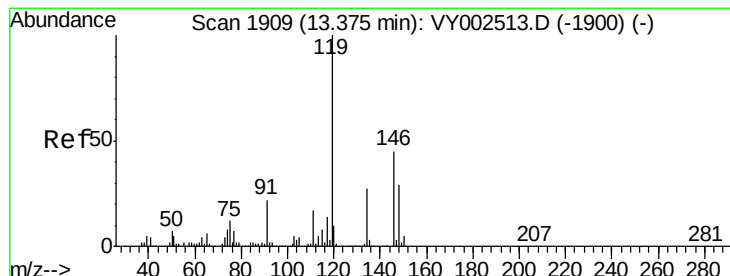
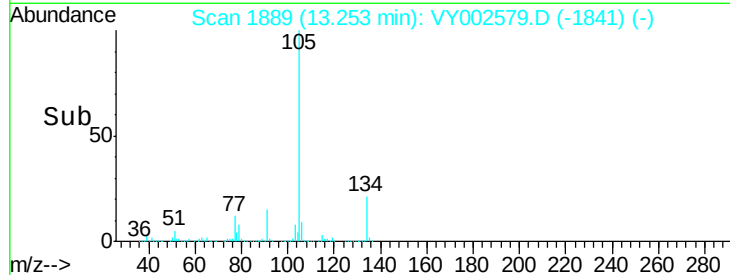
1500000

1000000

500000

0

Time-->



#87

1,3-Dichlorobenzene

Concen: 174.092 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

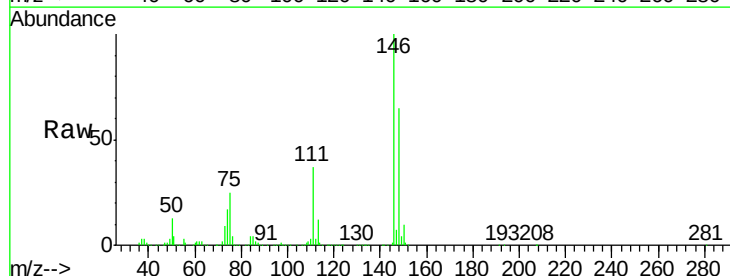
Tgt Ion:146 Resp: 1475272

Ion Ratio Lower Upper

146 100

111 37.2 18.8 56.3

148 64.1 32.1 96.3



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

13.37

1200000

1000000

800000

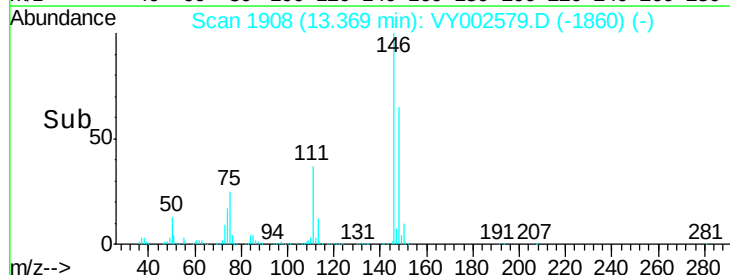
600000

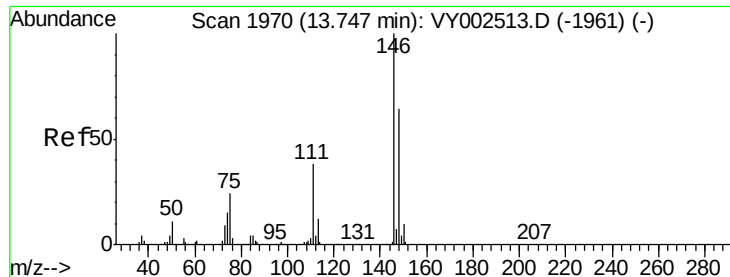
400000

200000

0

Time-->





#91

1,2-Dichlorobenzene

Concen: 173.942 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampled :

PT-VOA-SOIL

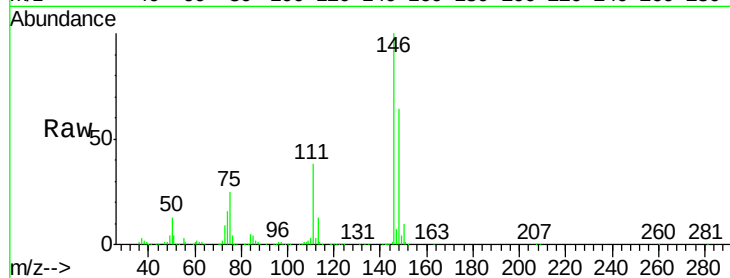
Tot Ion:146 Resp: 1315258

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

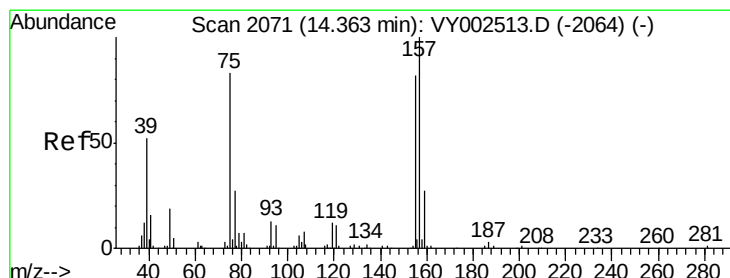
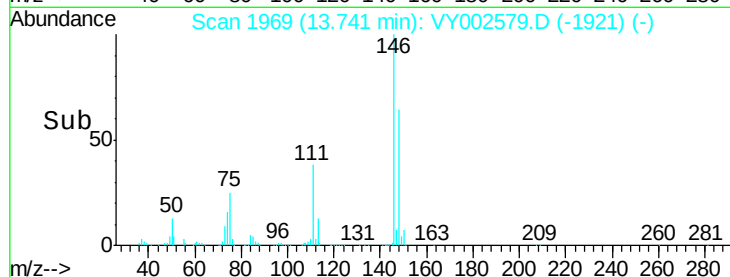
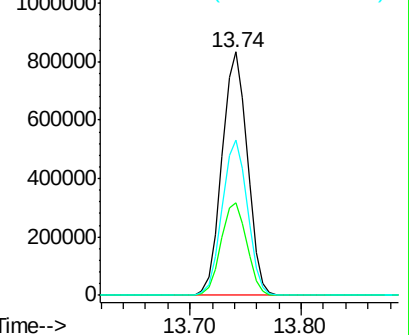
148 63.7 31.9 95.7



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: 129.707 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

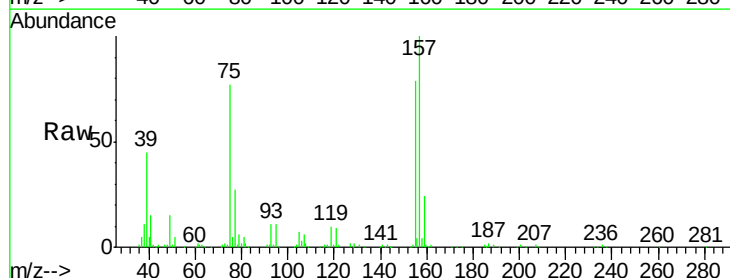
Tgt Ion: 75 Resp: 68910

Ion Ratio Lower Upper

75 100

155 104.6 51.3 153.9

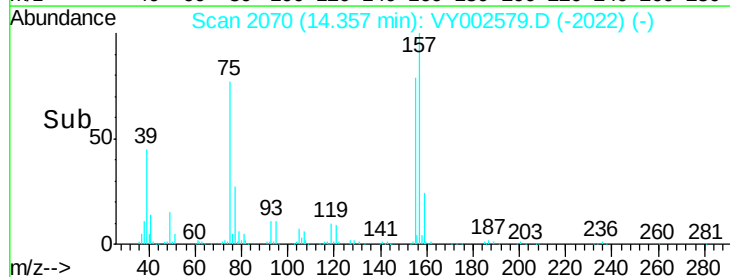
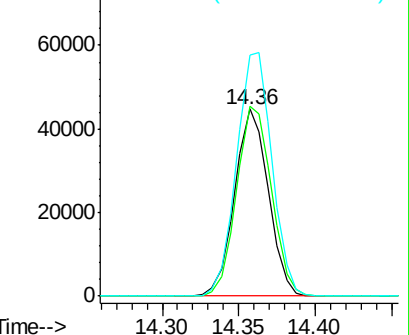
157 136.2 65.0 195.0

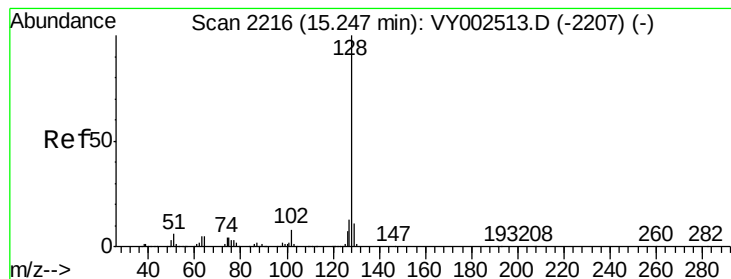


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 151.251 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002579.D

Acq: 05 May 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOIL

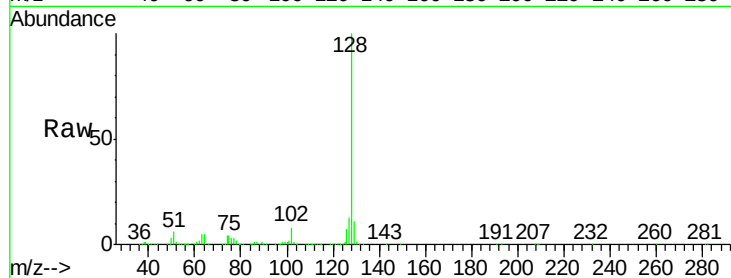
Tot Ion:128 Resp: 1514721

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.0 8.8 13.2



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

