

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
 Data File : VY000491.D
 Acq On : 30 Oct 2019 14:40
 Operator : SY/MD
 Sample : K5609-22
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: Oct 31 09:53:02 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	260917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	429138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	378981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183767	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	140296	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
35) Dibromofluoromethane	7.72	113	120973	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
50) Toluene-d8	10.18	98	502575	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.48	95	177842	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	453902	609.925	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	537095	74.119	ug/l	98
20) Methylene Chloride	4.72	84	324309	101.703	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	196235	66.600	ug/l	96
25) 2-Butanone	7.00	43	233032	196.207	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	249561	77.459	ug/l	90
42) 1,2-Dichloroethane	8.25	62	402784	119.400	ug/l	99
44) Trichloroethene	8.94	130	324620	103.516	ug/l	96
45) 1,2-Dichloropropane	9.22	63	450315	153.834	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	558123	232.013	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	397294	97.338	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	652958	139.644	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	268762	115.422	ug/l	96
59) 2-Hexanone	10.83	43	217797	124.265	ug/l	98
60) Dibromochloromethane	10.99	129	162928	61.087	ug/l	99
61) 1,2-Dibromoethane	11.09	107	114565	51.171	ug/l	97
64) Tetrachloroethene	10.72	164	340538	108.669	ug/l	97
65) Chlorobenzene	11.52	112	817799	106.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	240449	90.230	ug/l	98
68) m/p-Xylenes	11.70	106	796488	145.522	ug/l	96
69) o-Xylene	12.03	106	792647	154.092	ug/l	99
70) Styrene	12.05	104	817875	92.852	ug/l	93
71) Bromoform	12.21	173	281035	183.355	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	369330	137.338	ug/l	99
78) n-propylbenzene	12.67	91	746419	45.548	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	955695	84.488	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	337712	55.981	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	986964	163.723	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	455195	83.164	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31796	66.808	ug/l	96
93) 1,2,4-Trichlorobenzene	15.01	180	423005	113.501	ug/l	99
95) Naphthalene	15.23	128	904857	109.369	ug/l	100

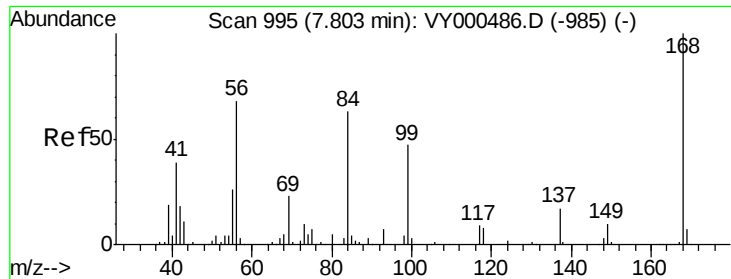
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
Data File : VY000491.D
Acq On : 30 Oct 2019 14:40
Operator : SY/MD
Sample : K5609-22
Misc : 5.00G/5ML/MSVOA_Y/SOIL
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PT-VOA-SOIL

Quant Time: Oct 31 09:53:02 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)

(#) = 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: VY000491.D

Acq: 30 Oct 2019 14:40

Instrument :

MSVOA_Y

ClientSampled :

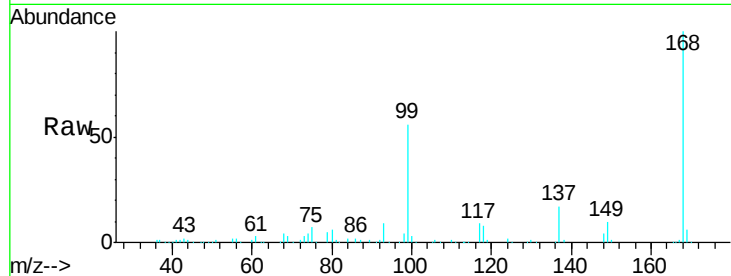
PT-VOA-SOIL

Tgt Ion:168 Resp: 260917

Ion Ratio Lower Upper

168 100

99 56.2 45.7 68.5



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

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

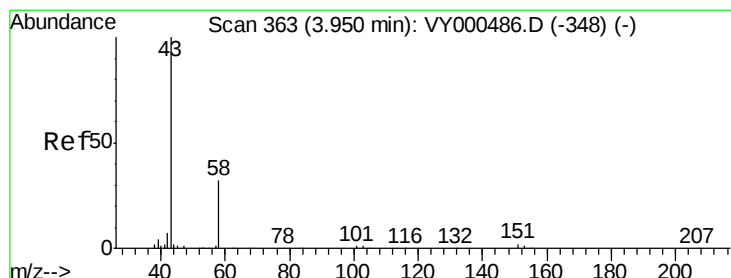
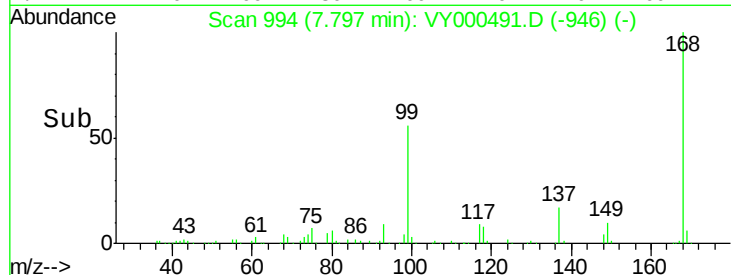
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 609.925 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000491.D

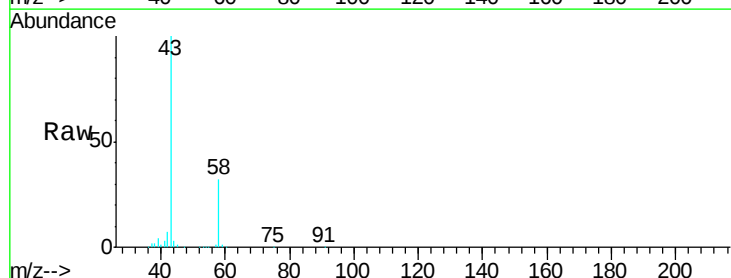
Acq: 30 Oct 2019 14:40

Tgt Ion: 43 Resp: 453902

Ion Ratio Lower Upper

43 100

58 31.9 25.8 38.6



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

Ion 58.00 (57.70 to 58.70): VY000486.D (-348) (-)

3.96

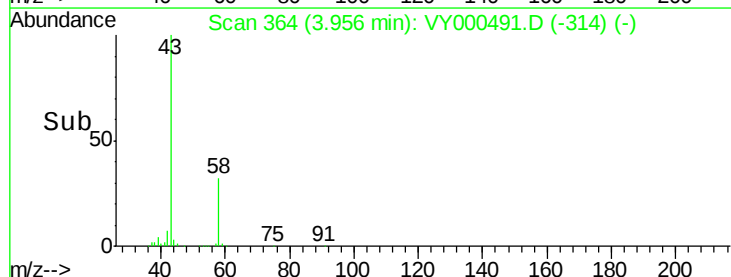
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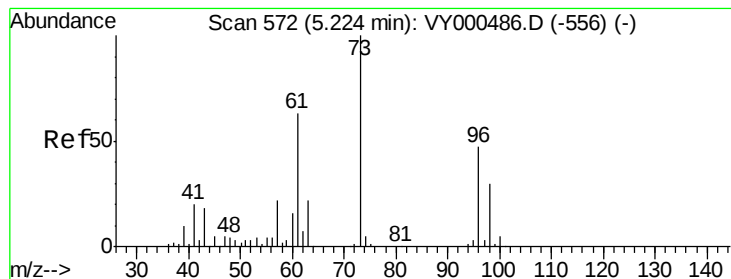
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Time-->



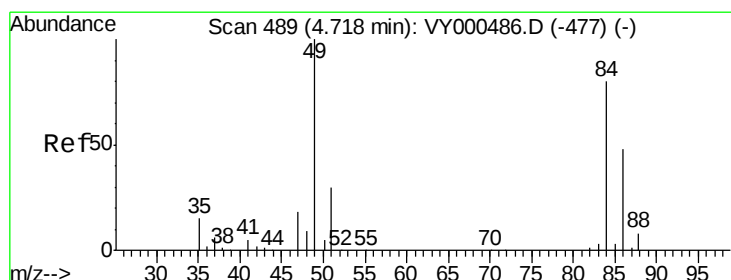
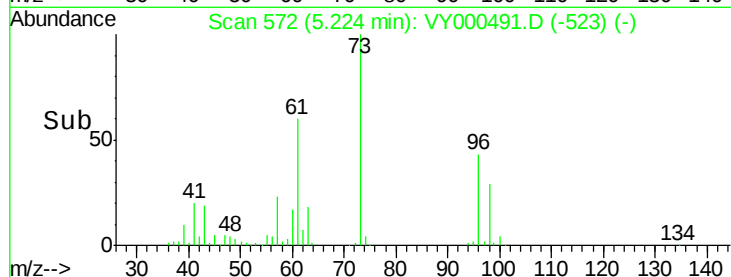
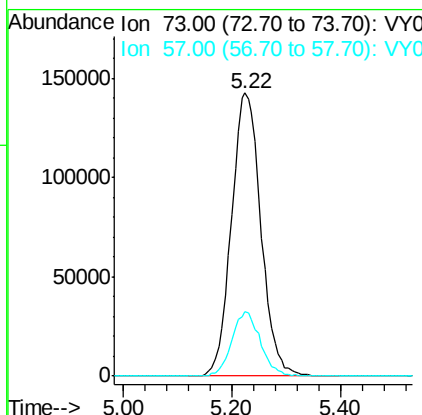
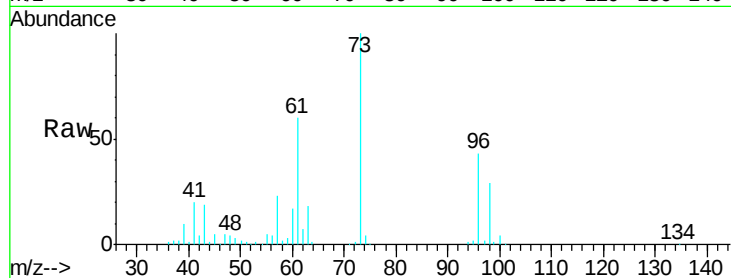


#19

Methyl tert-butyl Ether
 Concen: 74.119 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

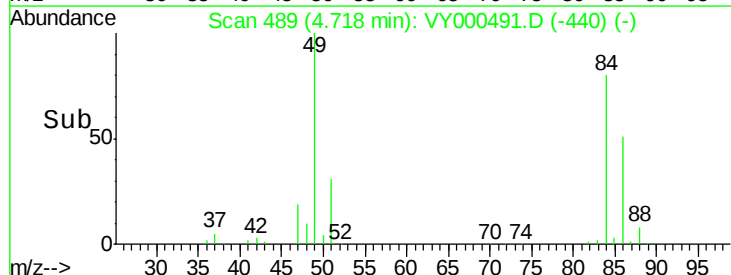
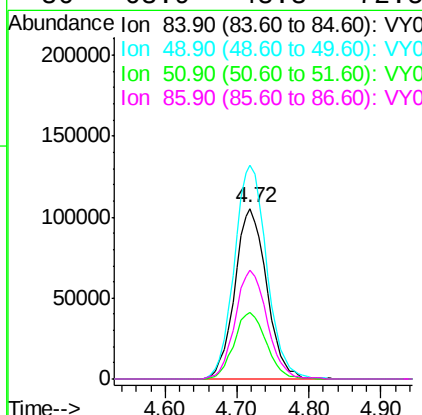
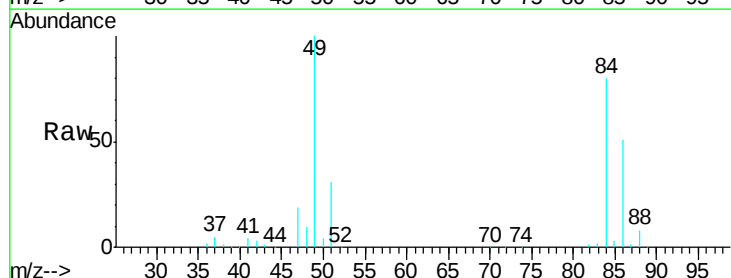
Tgt Ion: 73 Resp: 537095
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.4 26.0

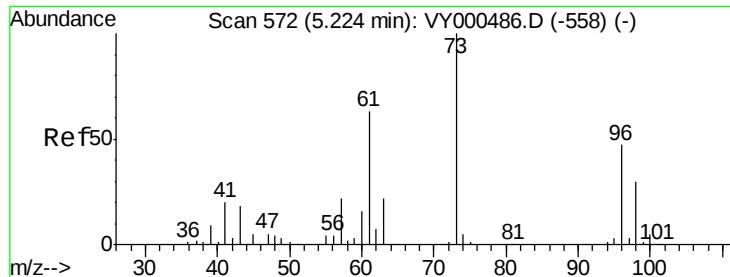


#20

Methylene Chloride
 Concen: 101.703 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

Tgt Ion: 84 Resp: 324309
 Ion Ratio Lower Upper
 84 100
 49 125.1 100.2 150.4
 51 38.7 29.6 44.4
 86 63.9 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 66.600 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000491.D

Acq: 30 Oct 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOIL

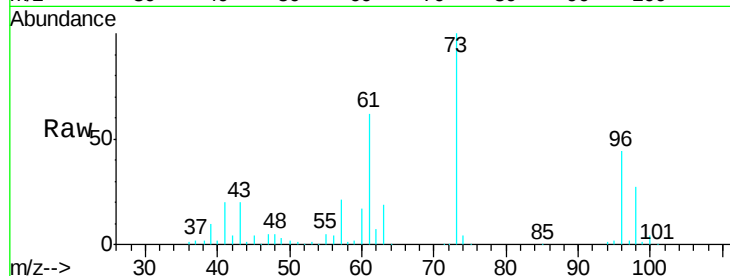
Tgt Ion: 96 Resp: 196235

Ion Ratio Lower Upper

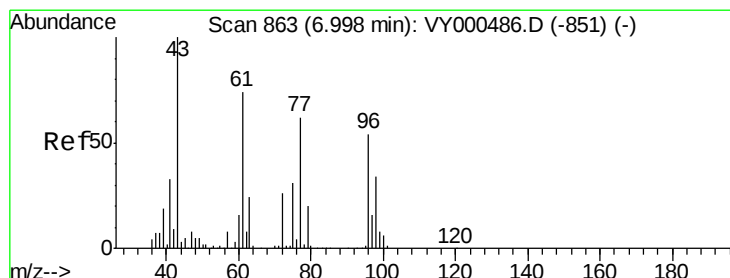
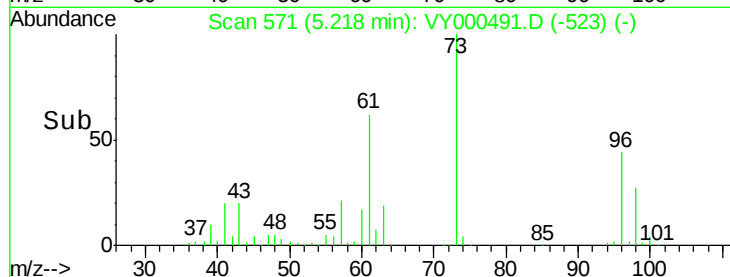
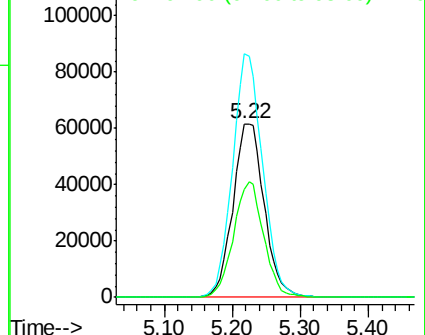
96 100

61 140.4 106.6 160.0

98 62.5 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: 196.207 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000491.D

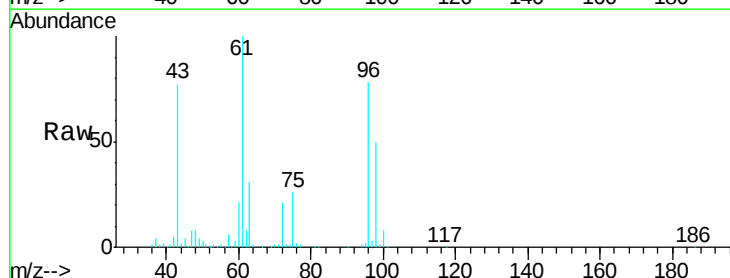
Acq: 30 Oct 2019 14:40

Tgt Ion: 43 Resp: 233032

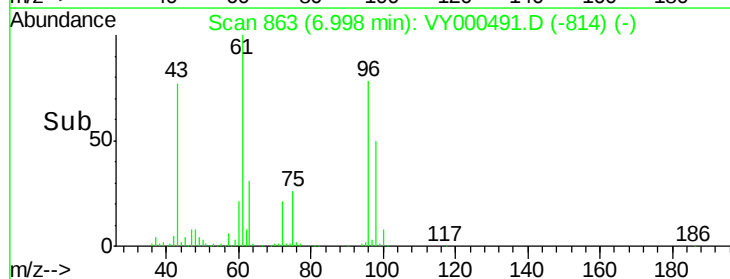
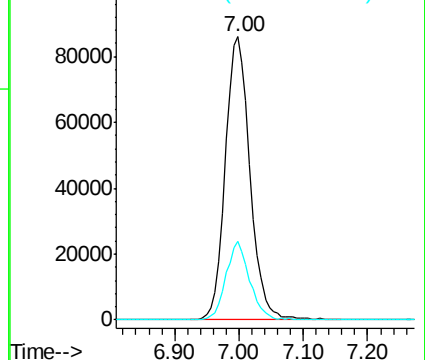
Ion Ratio Lower Upper

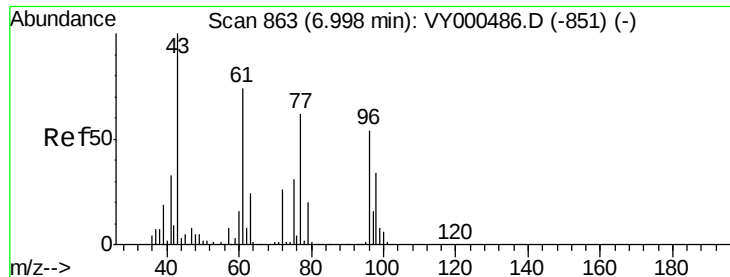
43 100

72 27.6 20.9 31.3



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



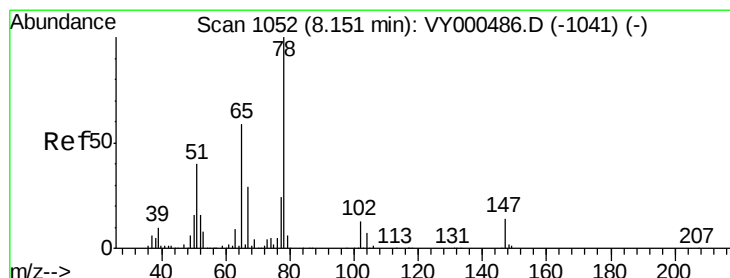
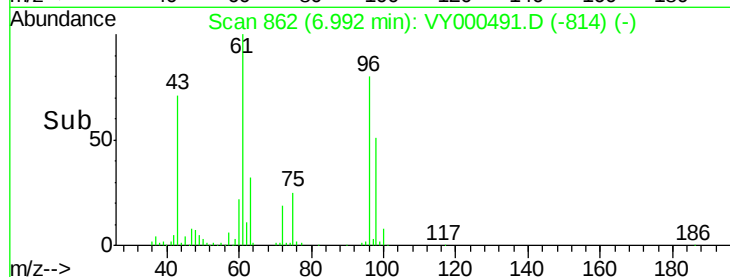
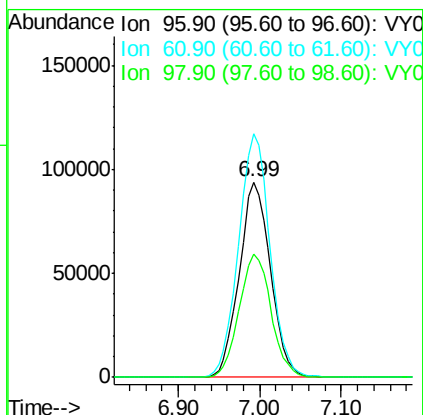
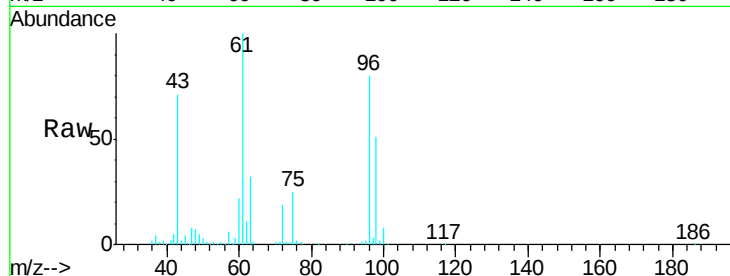


#27

cis-1,2-Dichloroethene
 Concen: 77.459 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

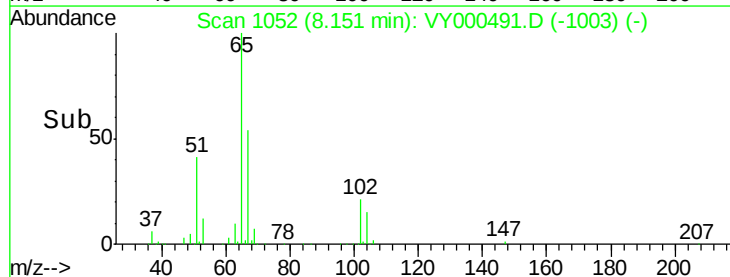
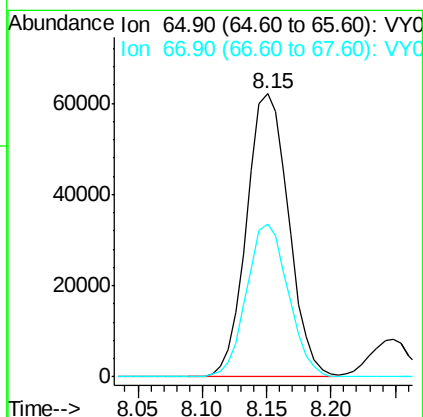
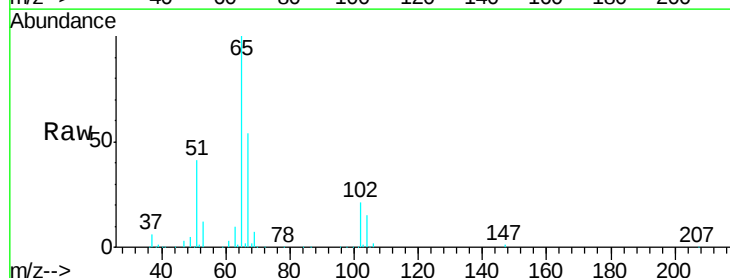
Tgt Ion: 96 Resp: 249561
 Ion Ratio Lower Upper
 96 100
 61 125.9 0.0 287.0
 98 64.3 0.0 129.4

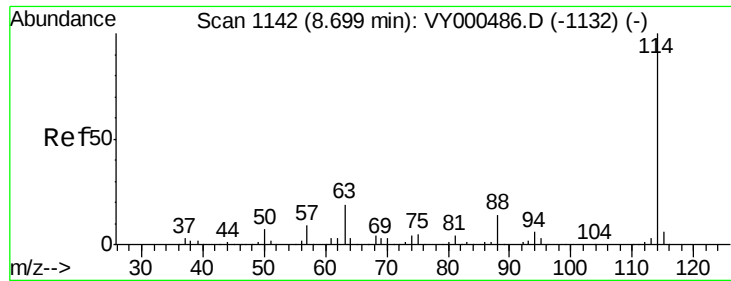


#33

1,2-Dichloroethane-d4
 Concen: 51.959 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

Tgt Ion: 65 Resp: 140296
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2

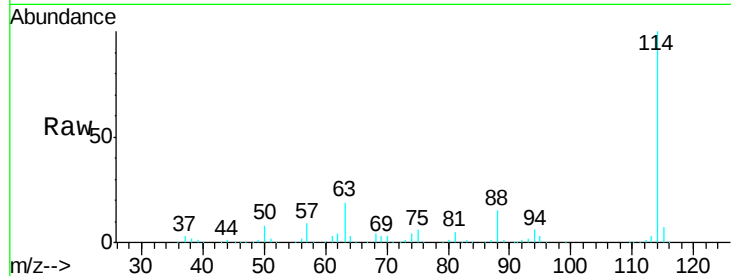




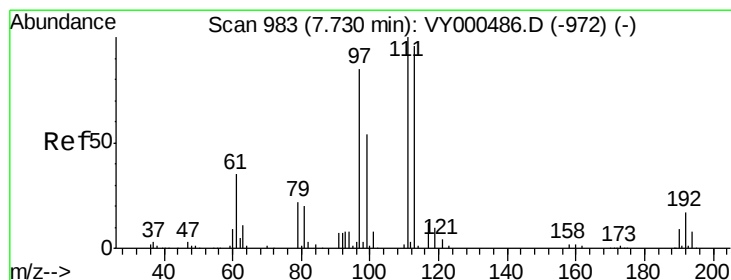
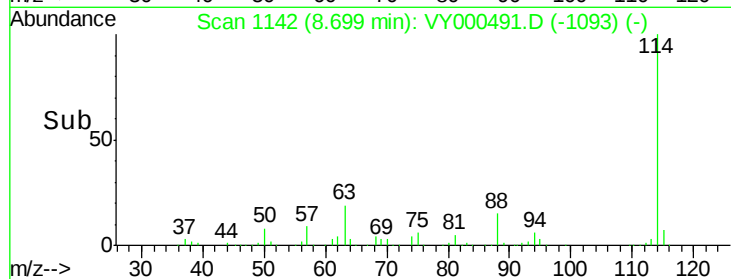
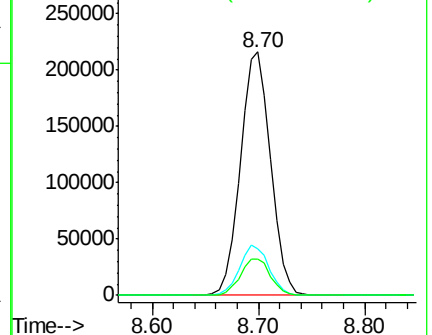
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

Tgt Ion:114 Resp: 429138
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.0
 88 15.0 0.0 28.6

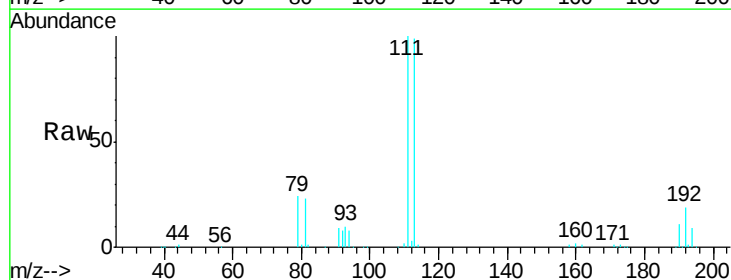


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

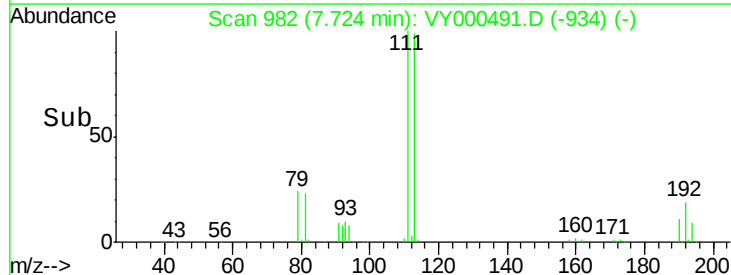
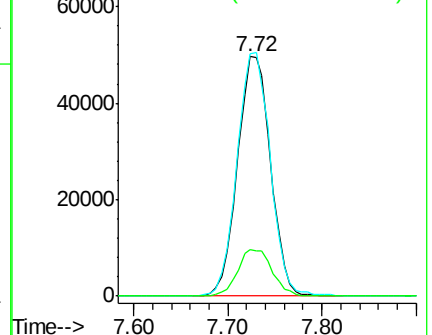


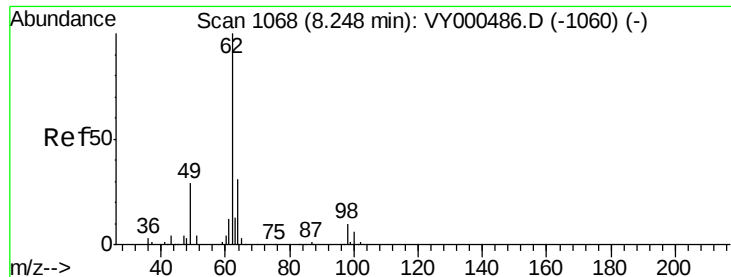
#35
 Dibromofluoromethane
 Concen: 48.018 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

Tgt Ion:113 Resp: 120973
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 20.2 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: 119.400 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000491.D

Acq: 30 Oct 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

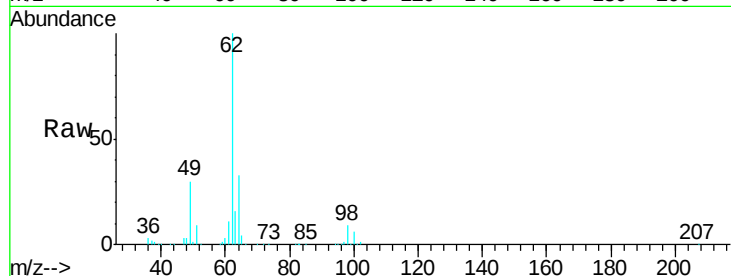
PT-VOA-SOIL

Tgt Ion: 62 Resp: 402784

Ion Ratio Lower Upper

62 100

98 9.3 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

8.25

200000

150000

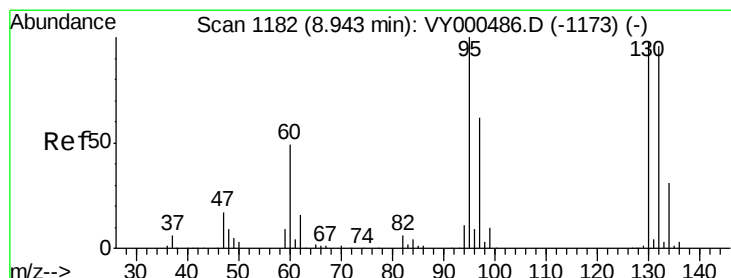
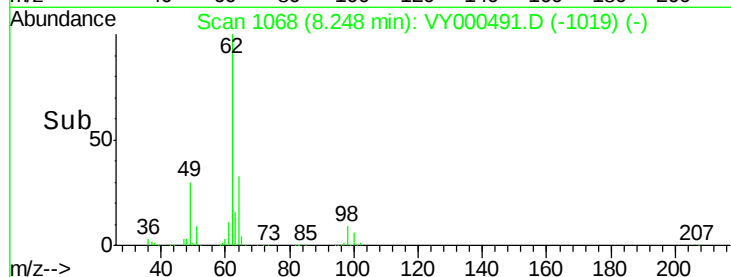
100000

50000

0

8.20 8.30

Time-->



#44

Trichloroethene

Concen: 103.516 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000491.D

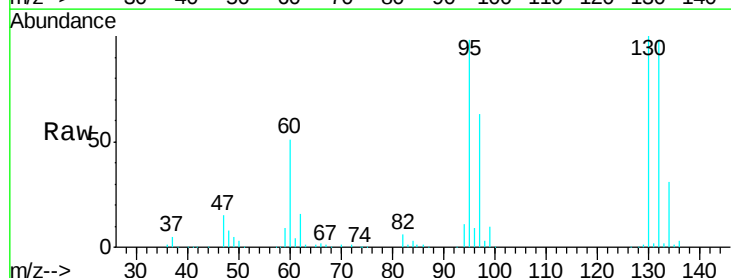
Acq: 30 Oct 2019 14:40

Tgt Ion:130 Resp: 324620

Ion Ratio Lower Upper

130 100

95 97.5 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

8.94

150000

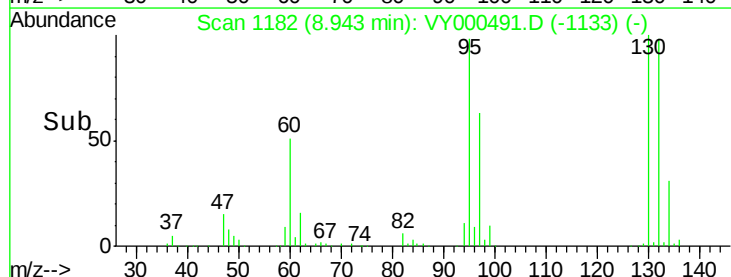
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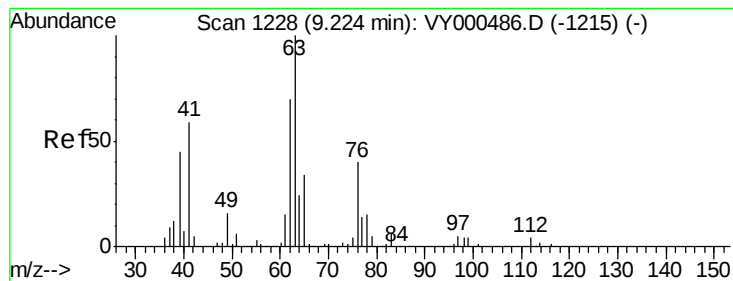
50000

0

8.90 9.00

Time-->





#45

1,2-Dichloropropane

Concen: 153.834 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000491.D

Acq: 30 Oct 2019 14:40

Instrument :

MSVOA_Y

ClientSampled :

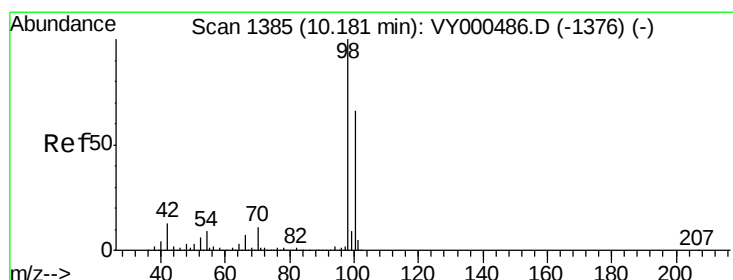
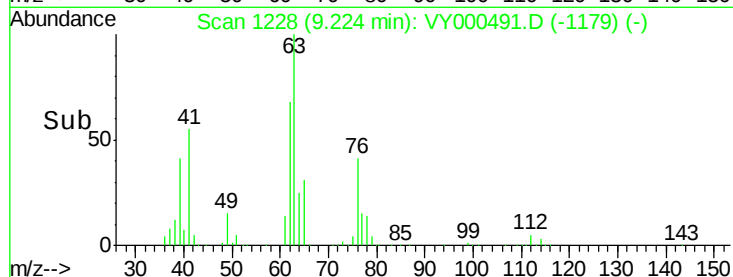
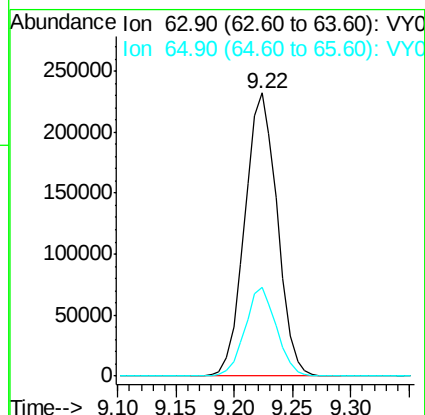
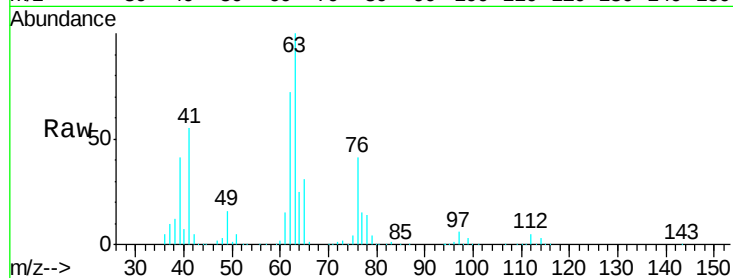
PT-VOA-SOIL

Tgt Ion: 63 Resp: 450315

Ion Ratio Lower Upper

63 100

65 31.4 27.0 40.4



#50

Toluene-d8

Concen: 52.574 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000491.D

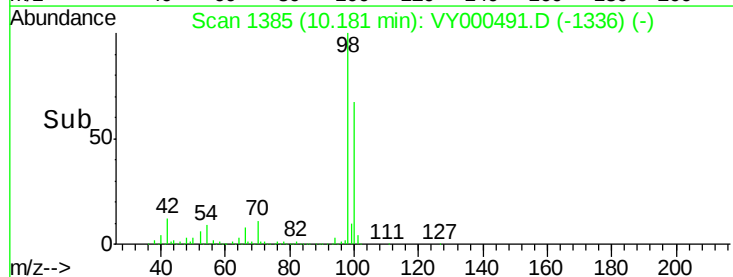
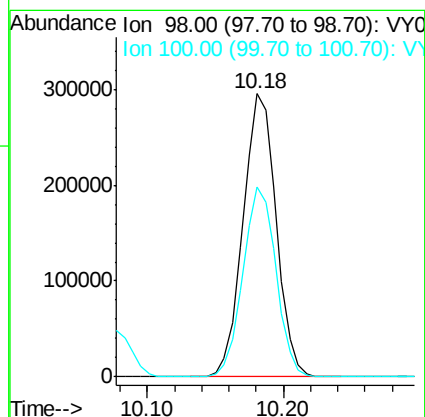
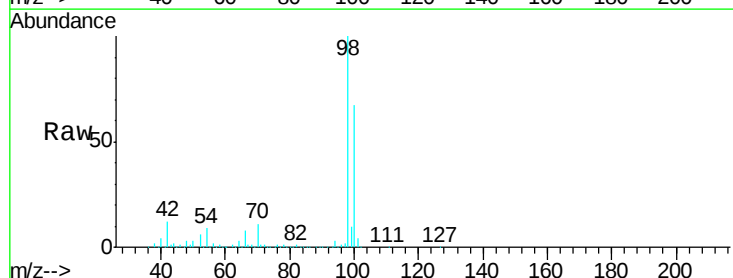
Acq: 30 Oct 2019 14:40

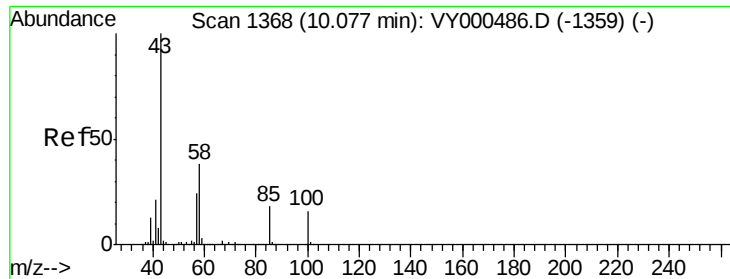
Tgt Ion: 98 Resp: 502575

Ion Ratio Lower Upper

98 100

100 66.9 52.9 79.3

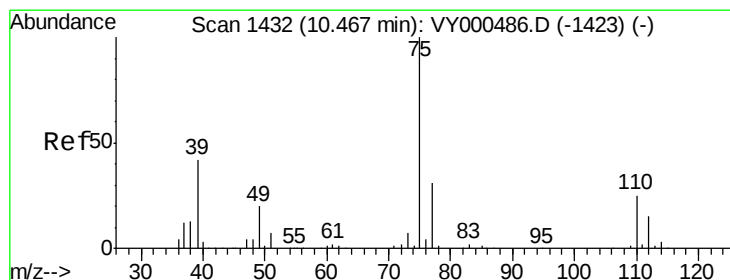
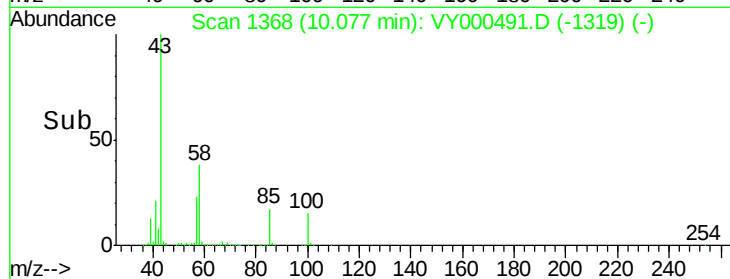
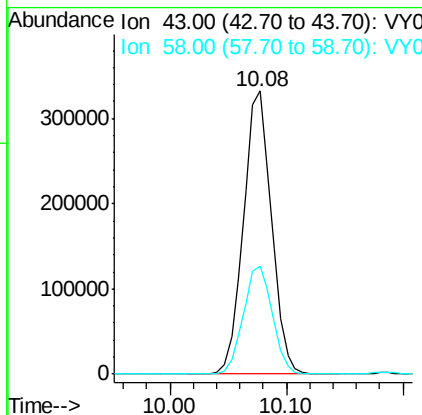
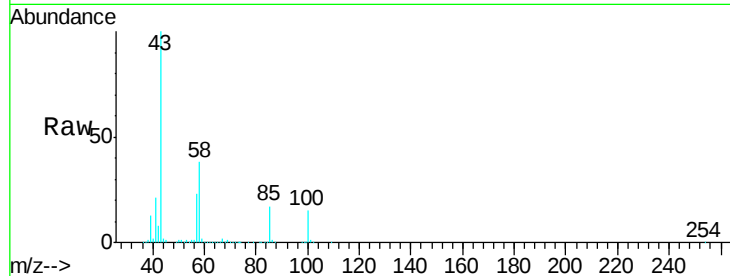




#51
 4-Methyl-2-Pentanone
 Concen: 232.013 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

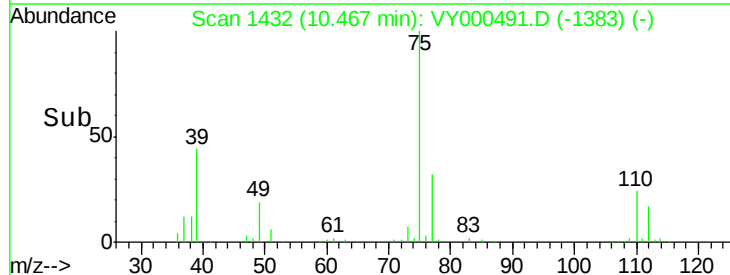
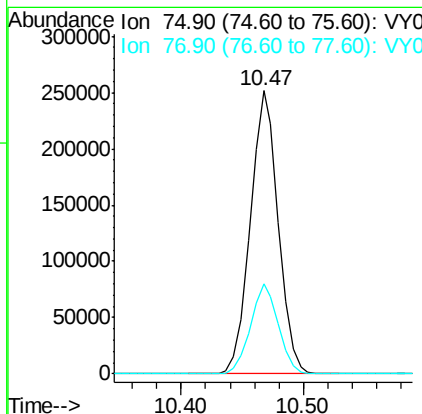
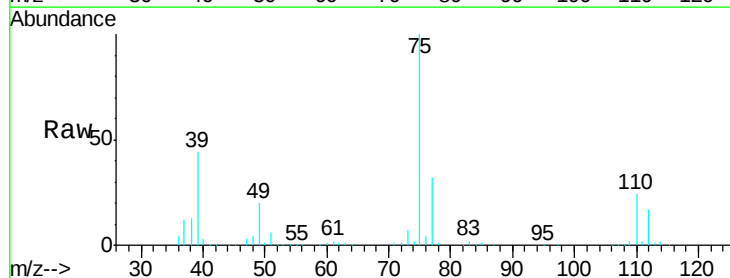
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

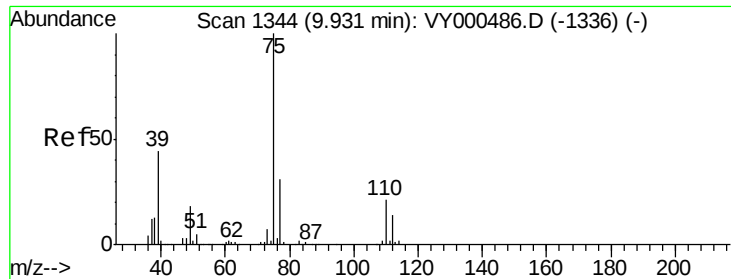
Tgt Ion: 43 Resp: 558123
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.2 45.4



#53
 t-1,3-Dichloropropene
 Concen: 97.338 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

Tgt Ion: 75 Resp: 397294
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0



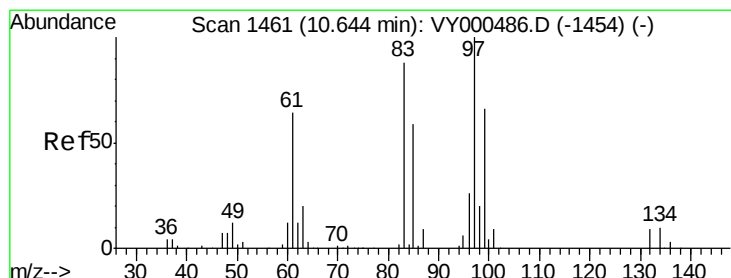
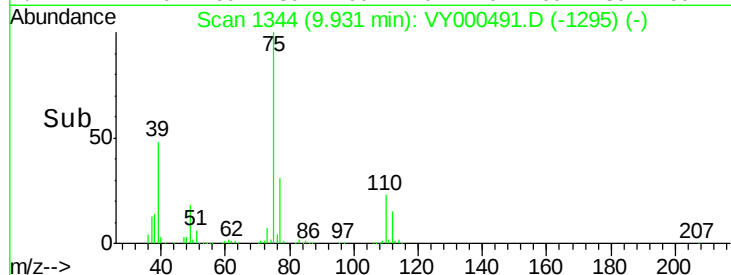
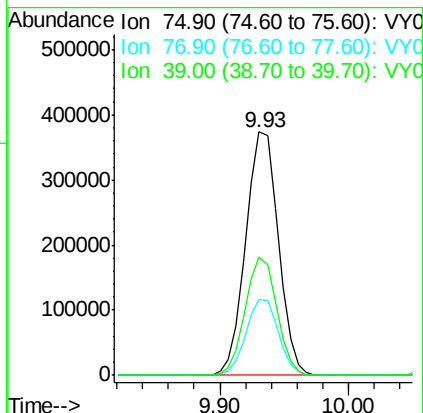
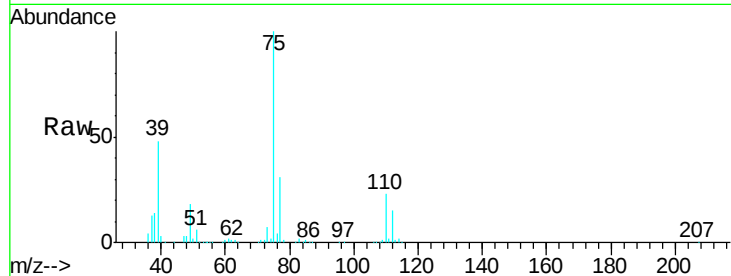


#54

cis-1,3-Dichloropropene
Concen: 139.644 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000491.D
Acq: 30 Oct 2019 14:40

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

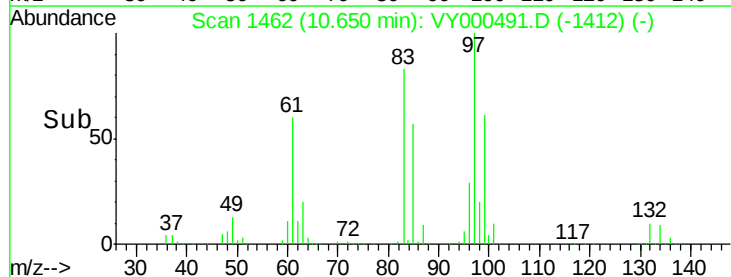
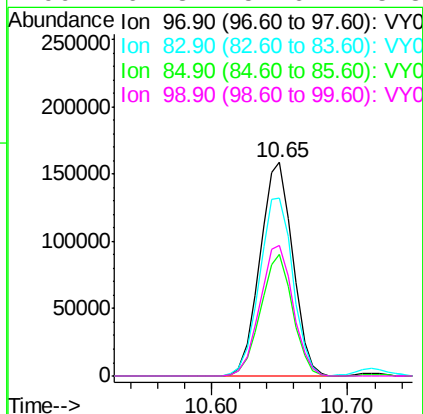
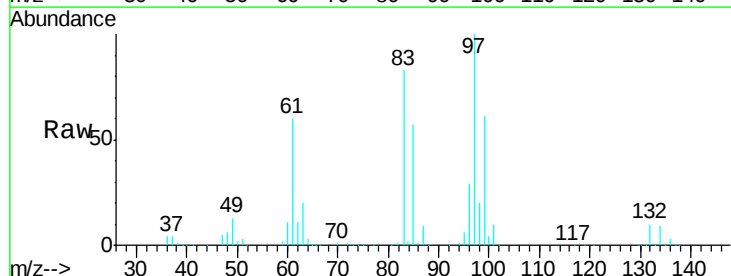
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.5	36.7
39	48.5	35.4	53.2

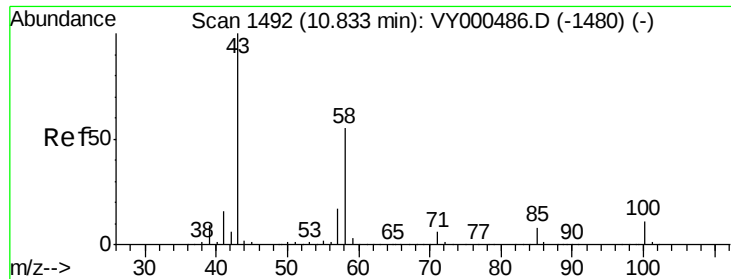


#55

1,1,2-Trichloroethane
Concen: 115.422 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.01 min
Lab File: VY000491.D
Acq: 30 Oct 2019 14:40

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	70.2	105.4
85	56.9	46.9	70.3
99	61.3	52.6	78.8

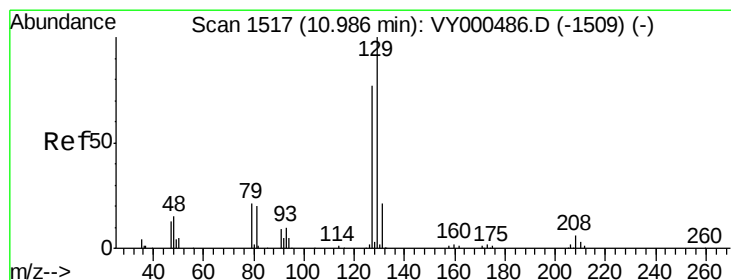
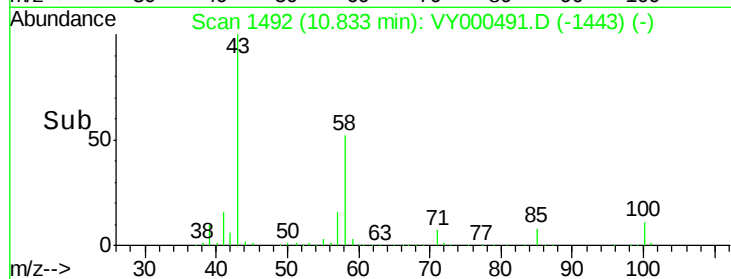
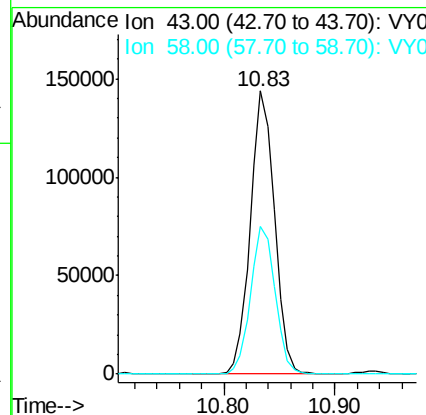
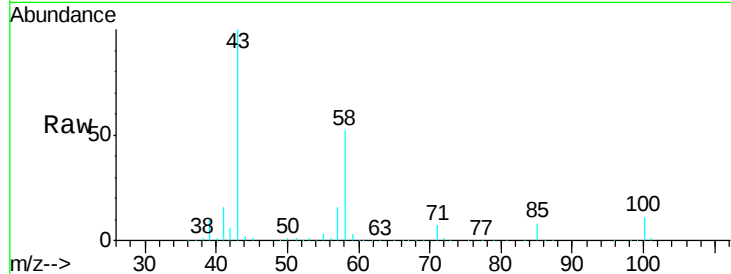




#59
2-Hexanone
Concen: 124.265 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000491.D
Acq: 30 Oct 2019 14:40

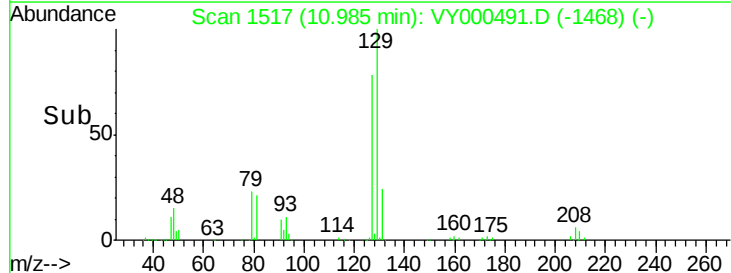
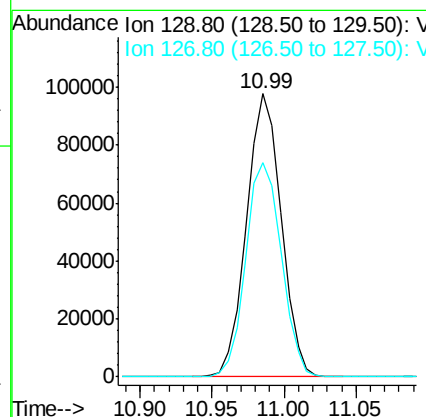
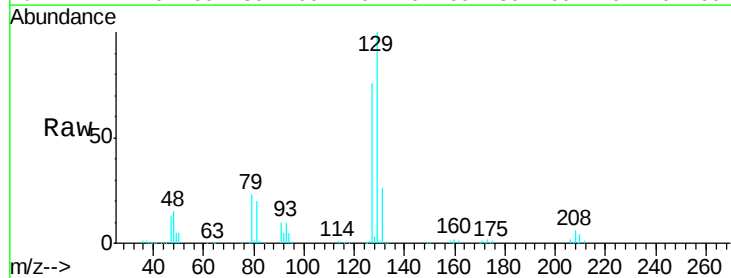
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

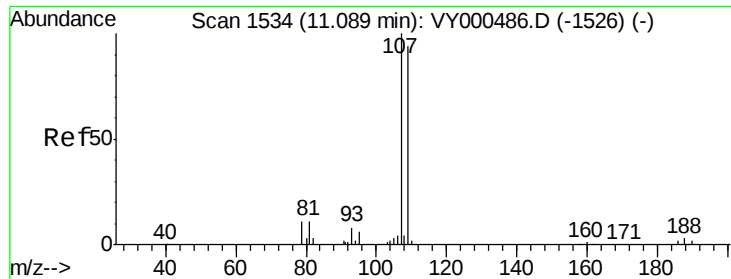
Tgt Ion: 43 Resp: 217797
Ion Ratio Lower Upper
43 100
58 53.0 27.1 81.3



#60
Dibromochloromethane
Concen: 61.087 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000491.D
Acq: 30 Oct 2019 14:40

Tgt Ion: 129 Resp: 162928
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

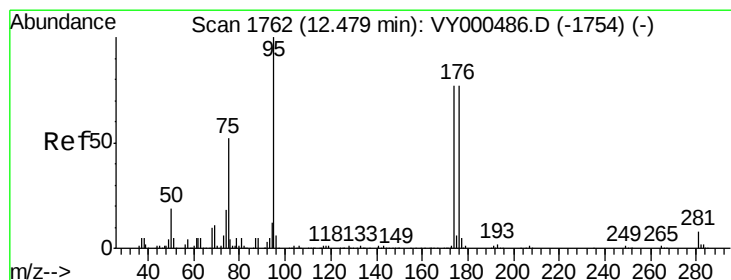
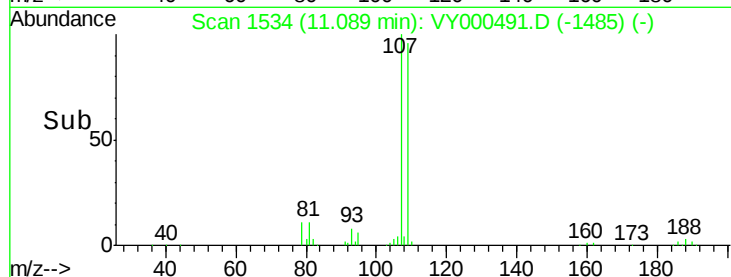
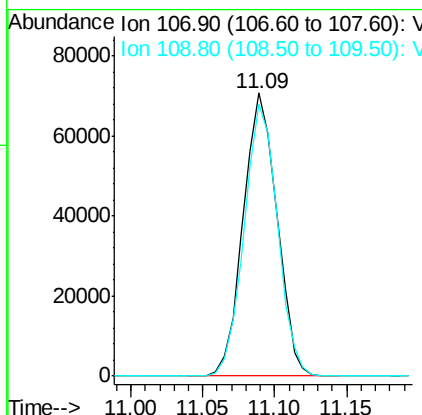
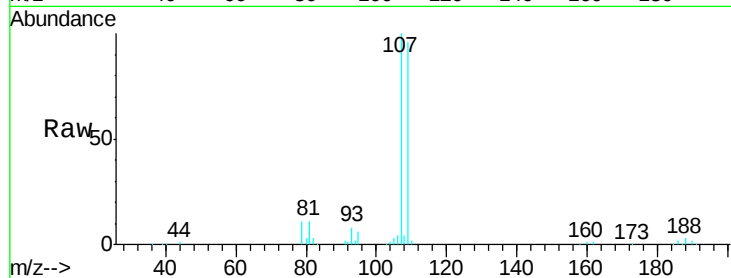




#61
 1,2-Dibromoethane
 Concen: 51.171 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

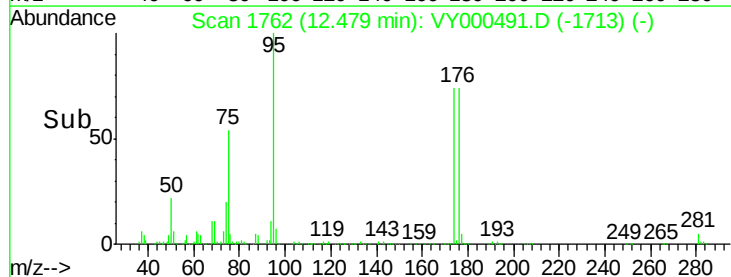
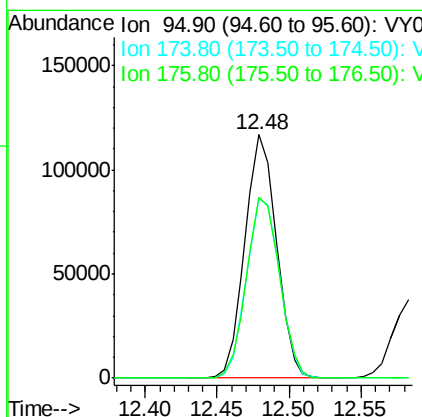
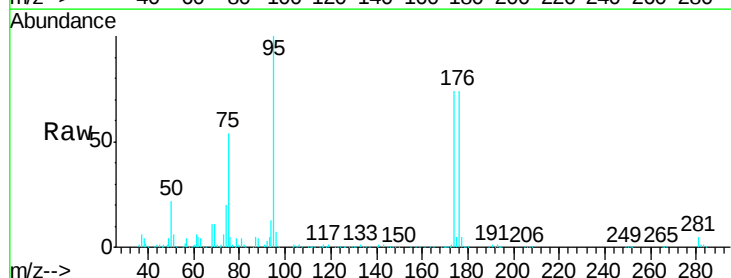
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

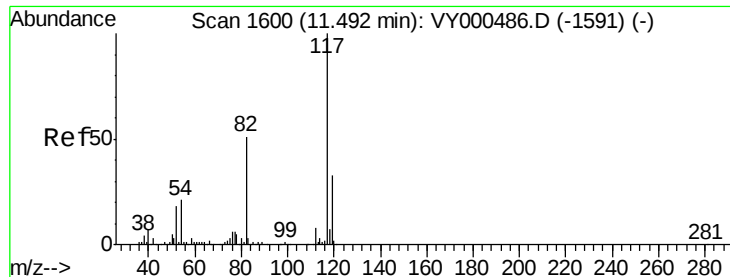
Tgt Ion: 107 Resp: 114565
 Ion Ratio Lower Upper
 107 100
 109 95.0 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 48.868 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

Tgt Ion: 95 Resp: 177842
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 161.6
 176 77.5 0.0 157.8

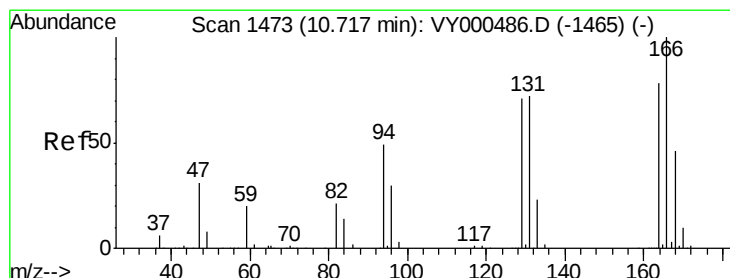
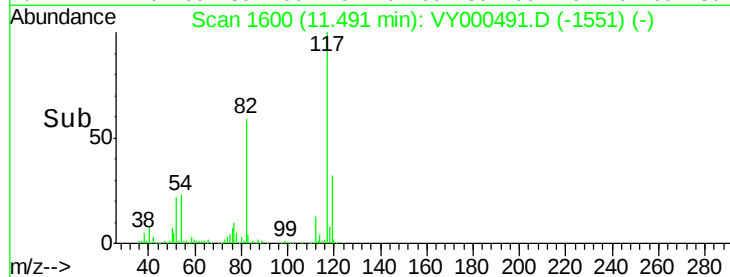
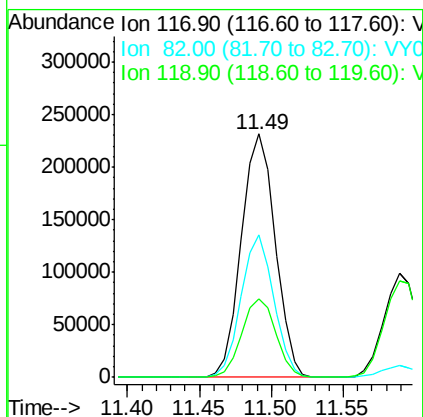
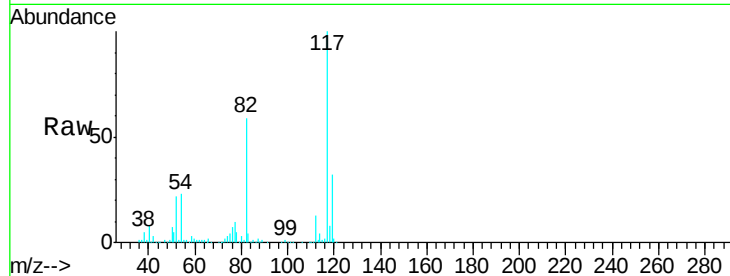




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000491.D
Acq: 30 Oct 2019 14:40

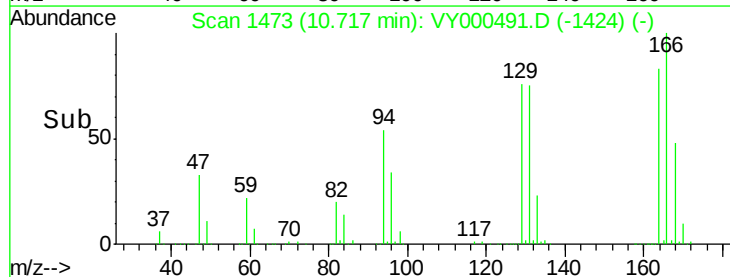
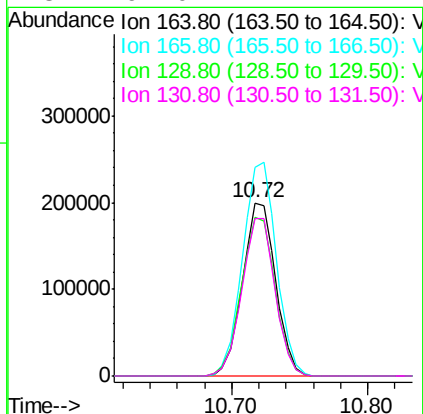
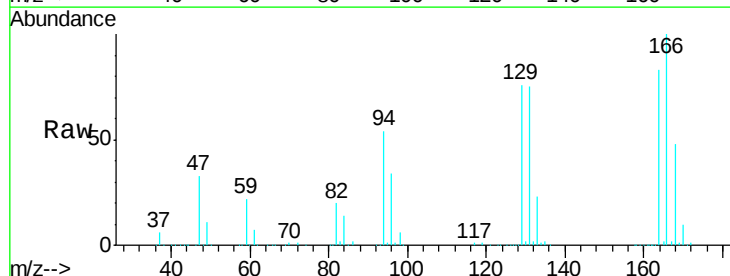
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

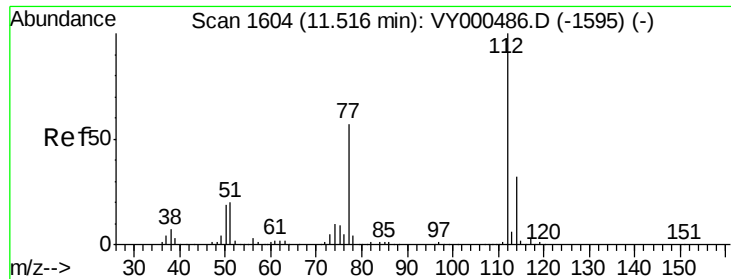
Tgt Ion:117 Resp: 378981
Ion Ratio Lower Upper
117 100
82 58.7 40.8 61.2
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 108.669 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000491.D
Acq: 30 Oct 2019 14:40

Tgt Ion:164 Resp: 340538
Ion Ratio Lower Upper
164 100
166 120.7 102.7 154.1
129 91.9 73.2 109.8
131 91.0 74.2 111.2

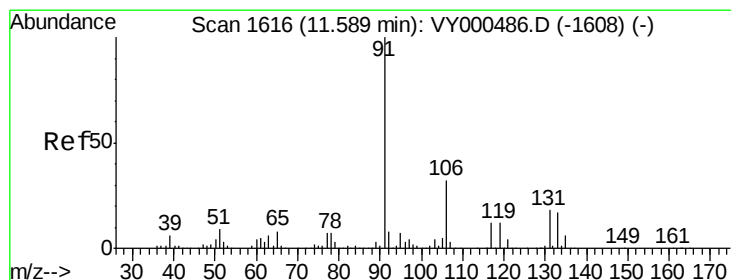
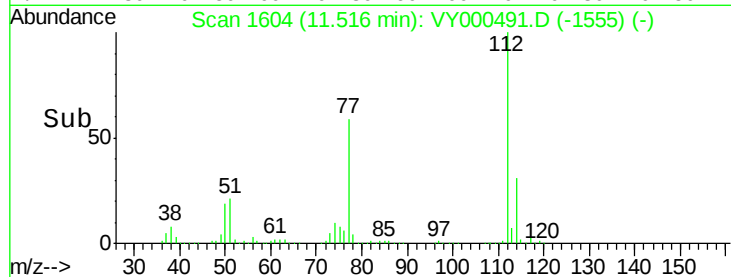
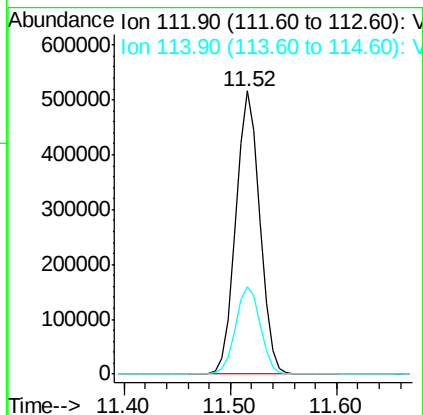
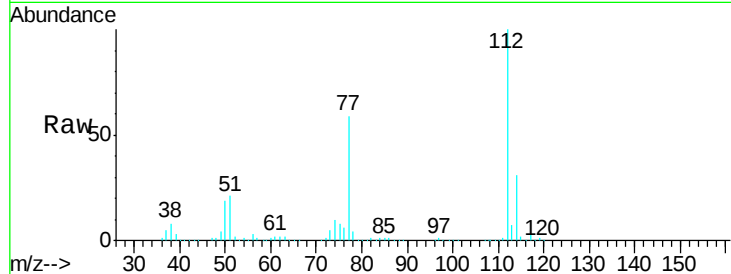




#65
Chlorobenzene
Concen: 106.432 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000491.D
Acq: 30 Oct 2019 14:40

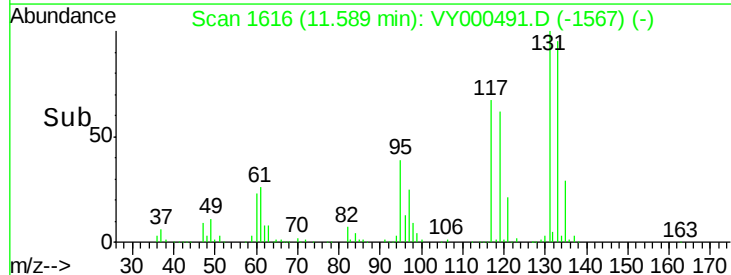
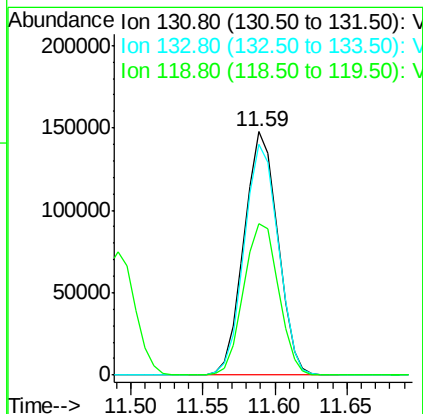
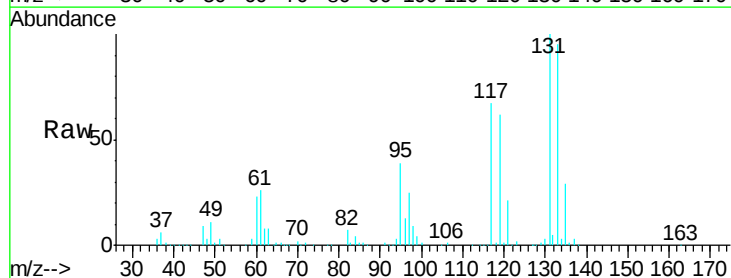
Instrument :
MSVOA_Y
ClientSampled :
PT-VOA-SOIL

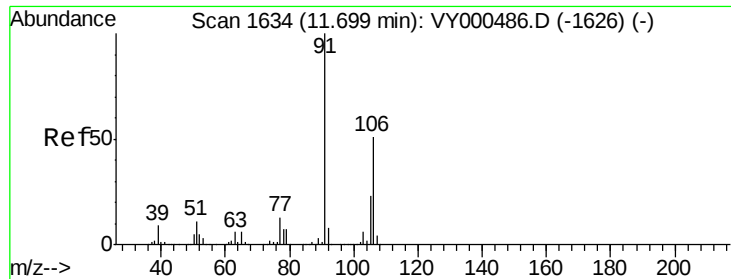
Tgt Ion:112 Resp: 817799
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 90.230 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000491.D
Acq: 30 Oct 2019 14:40

Tgt Ion:131 Resp: 240449
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.8
119 64.1 33.1 99.3

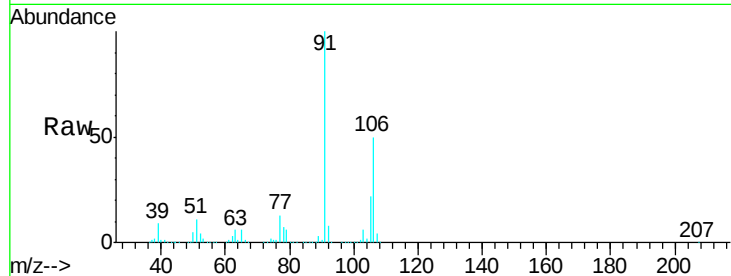




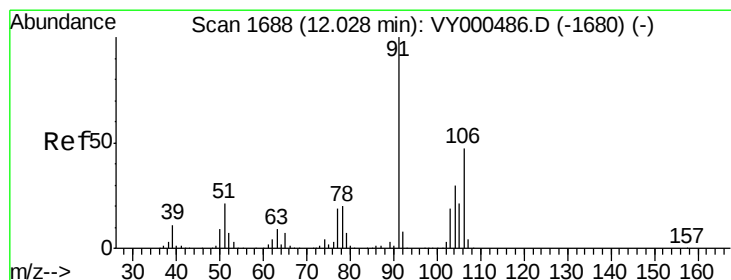
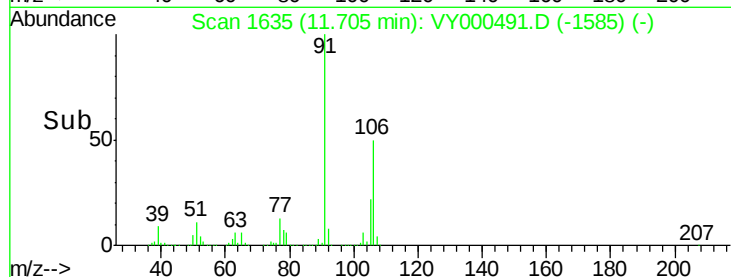
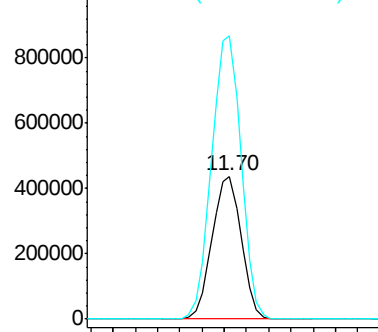
#68
m/p-Xylenes
Concen: 145.522 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000491.D
Acq: 30 Oct 2019 14:40

Instrument :
MSVOA_Y
ClientSampled :
PT-VOA-SOIL

Tgt Ion:106 Resp: 796488
Ion Ratio Lower Upper
106 100
91 200.5 155.9 233.9

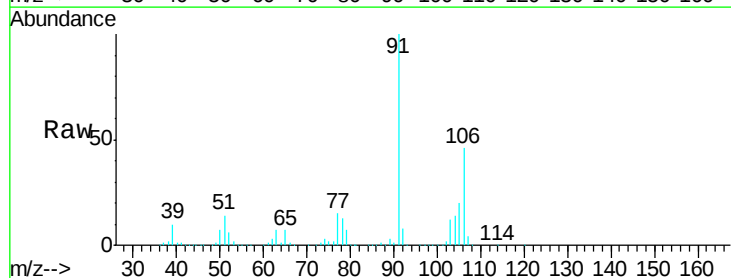


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

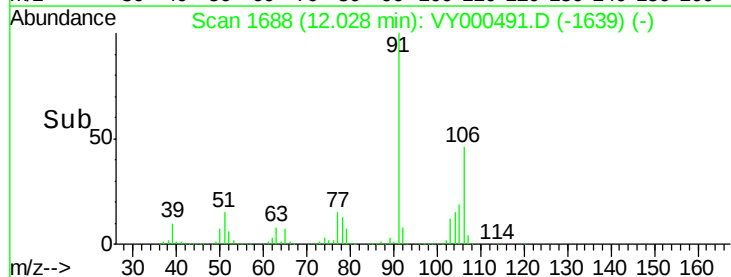
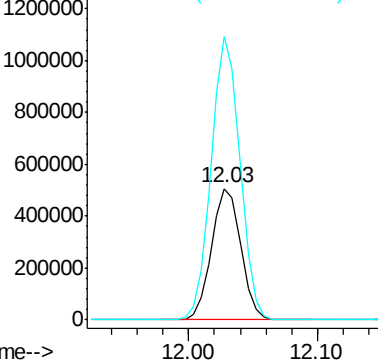


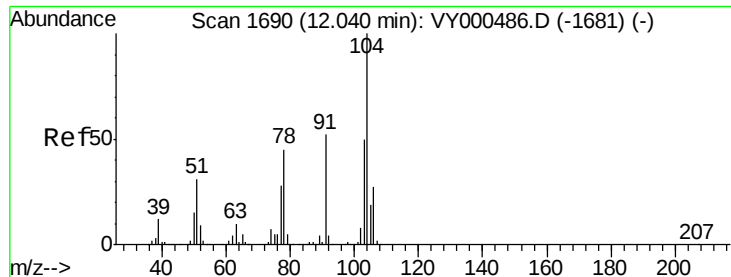
#69
o-Xylene
Concen: 154.092 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000491.D
Acq: 30 Oct 2019 14:40

Tgt Ion:106 Resp: 792647
Ion Ratio Lower Upper
106 100
91 212.3 106.5 319.6



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





#70

Styrene

Concen: 92.852 ug/l

RT: 12.05 min Scan# 1691

Delta R.T. 0.01 min

Lab File: VY000491.D

Acq: 30 Oct 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOIL

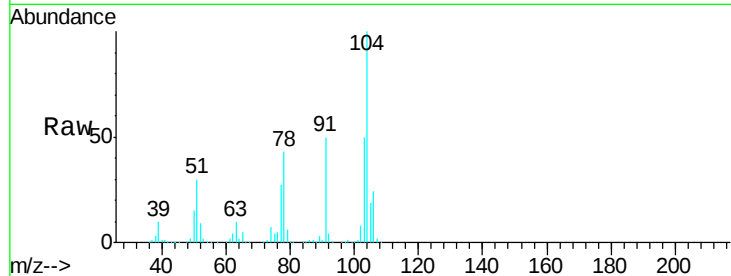
Tgt Ion:104 Resp: 817875

Ion Ratio Lower Upper

104 100

78 54.0 39.0 58.4

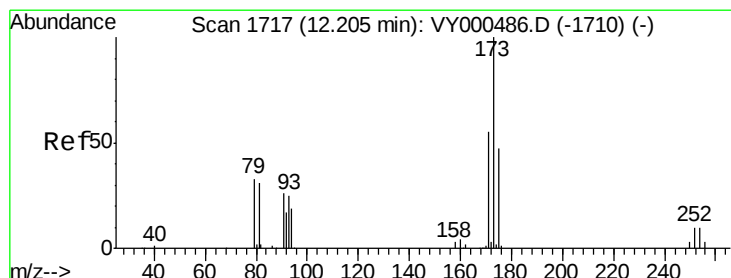
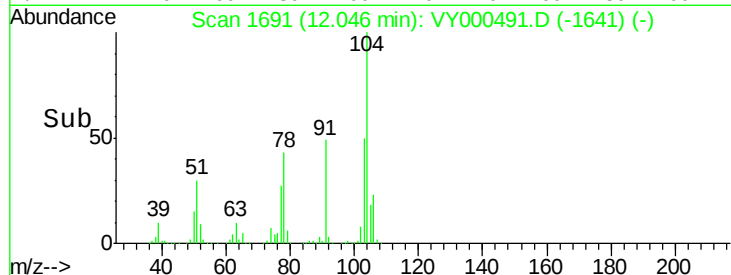
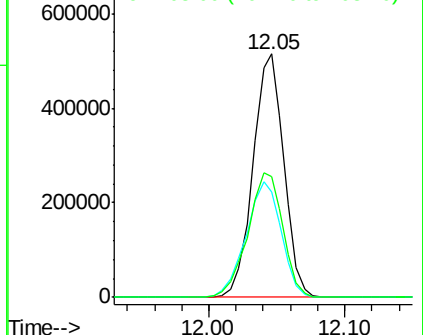
103 57.8 42.5 63.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 183.355 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000491.D

Acq: 30 Oct 2019 14:40

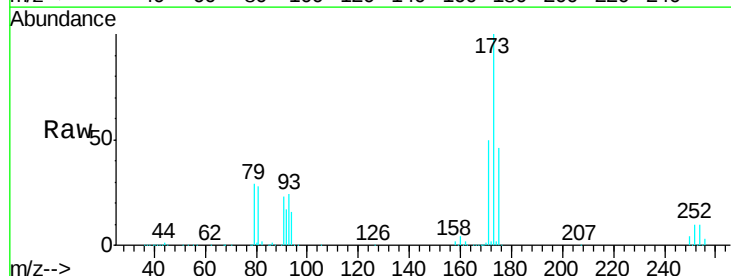
Tgt Ion:173 Resp: 281035

Ion Ratio Lower Upper

173 100

175 47.9 24.4 73.2

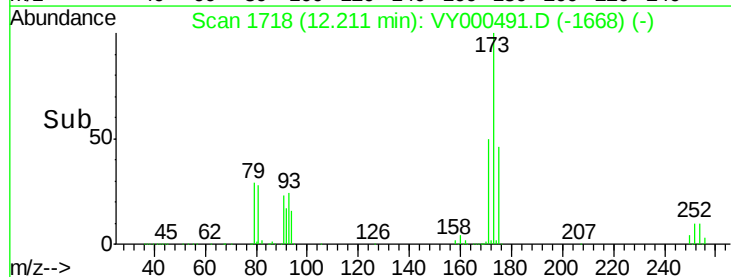
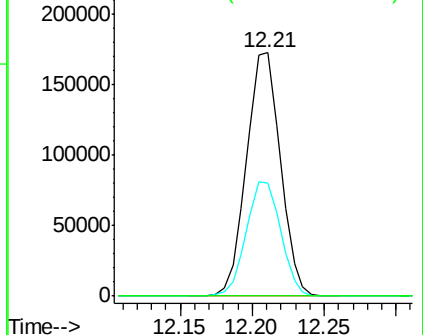
254 0.1 0.1 0.1#

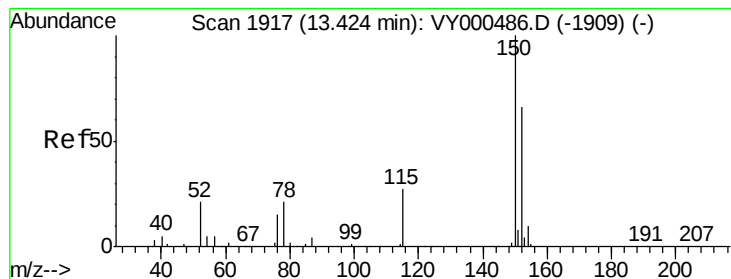


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000491.D

Acq: 30 Oct 2019 14:40

Instrument :

MSVOA_Y

ClientSampled :

PT-VOA-SOIL

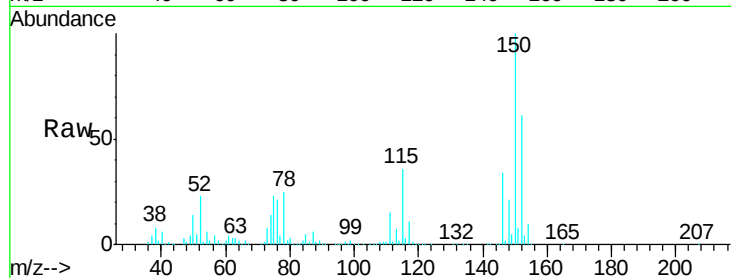
Tgt Ion:152 Resp: 183767

Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.4

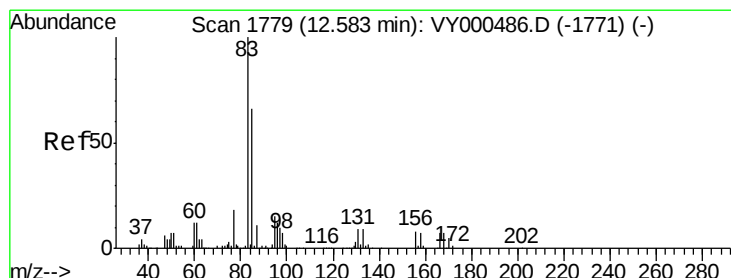
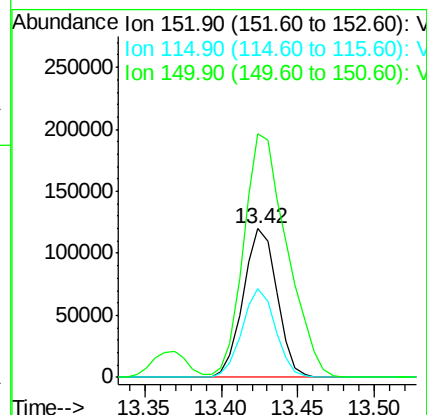
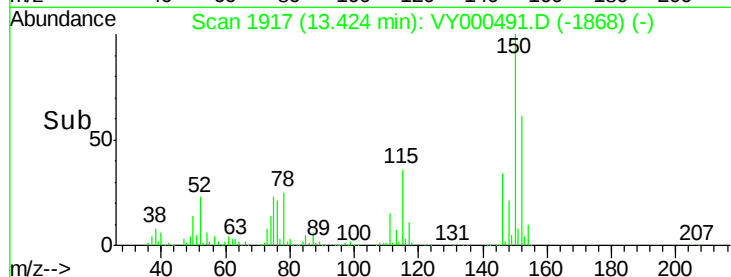
150 210.0 0.0 348.8



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: 137.338 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000491.D

Acq: 30 Oct 2019 14:40

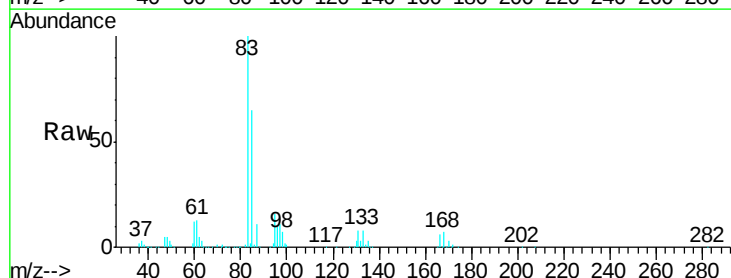
Tgt Ion: 83 Resp: 369330

Ion Ratio Lower Upper

83 100

131 8.9 5.0 14.9

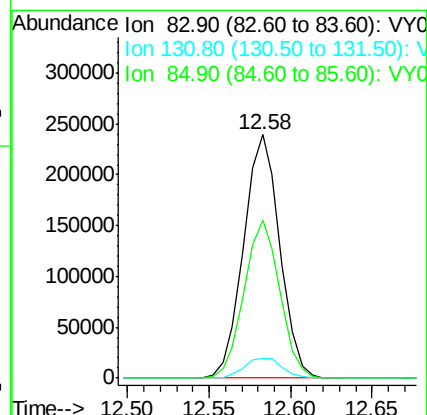
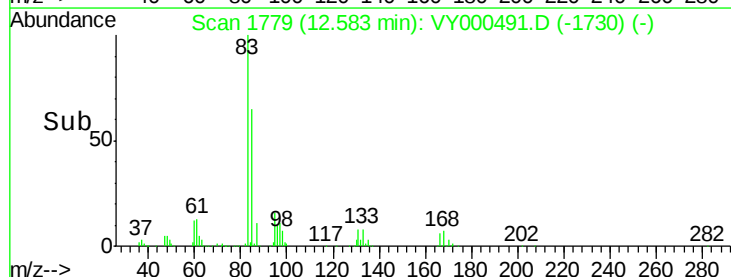
85 64.1 32.3 96.9

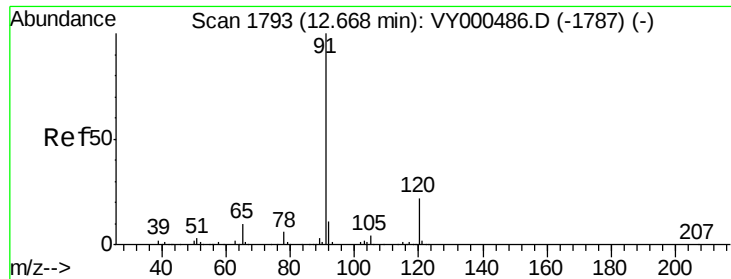


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#78

n-propylbenzene

Concen: 45.548 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000491.D

Acq: 30 Oct 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

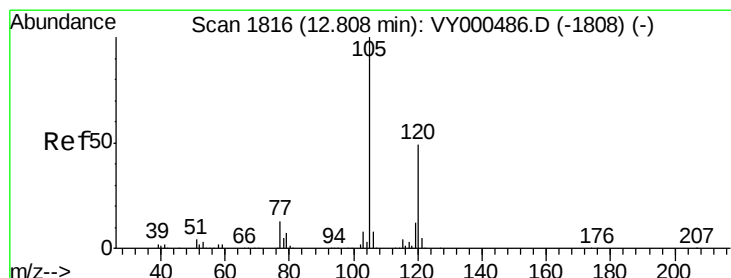
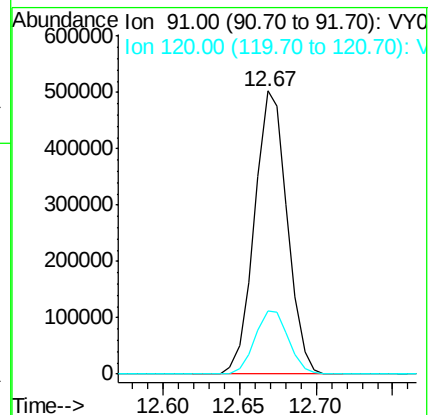
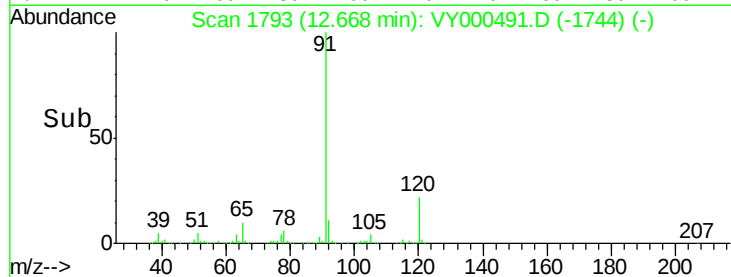
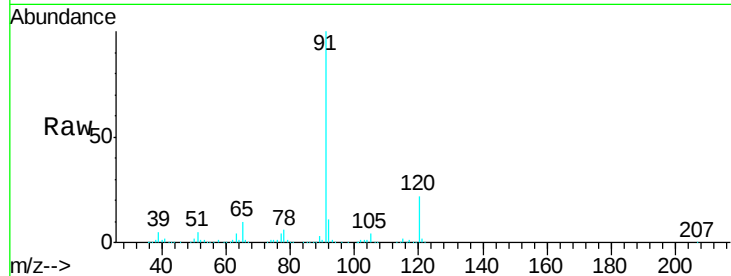
PT-VOA-SOIL

Tgt Ion: 91 Resp: 746419

Ion Ratio Lower Upper

91 100

120 23.1 11.4 34.1



#80

1,3,5-Trimethylbenzene

Concen: 84.488 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000491.D

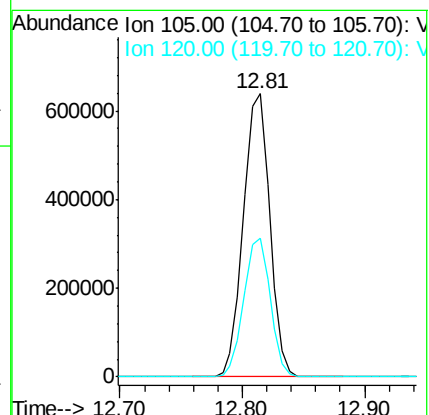
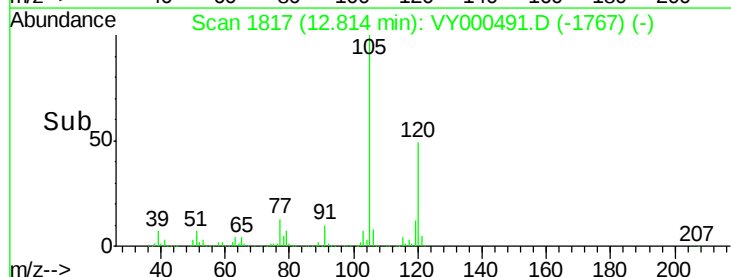
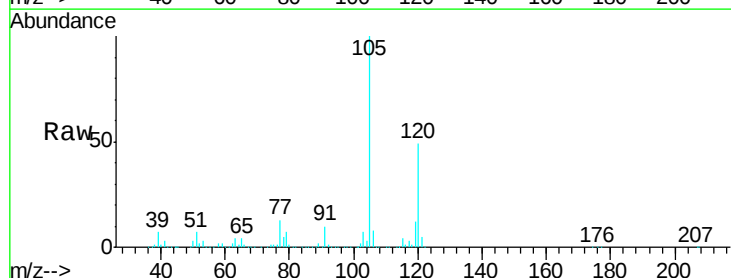
Acq: 30 Oct 2019 14:40

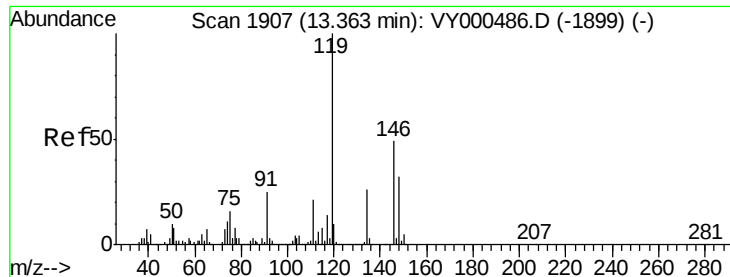
Tgt Ion: 105 Resp: 955695

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.8

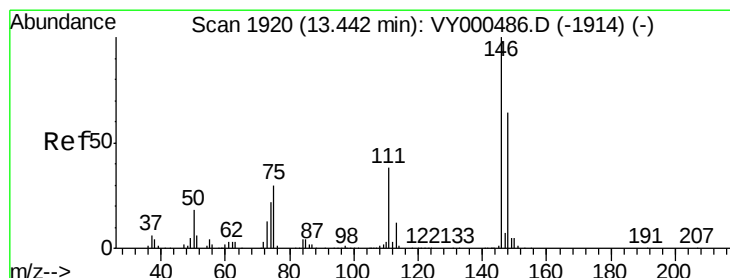
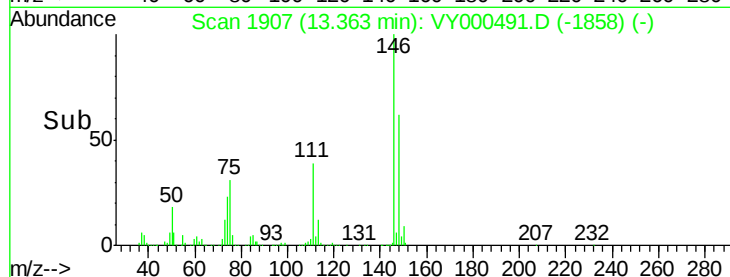
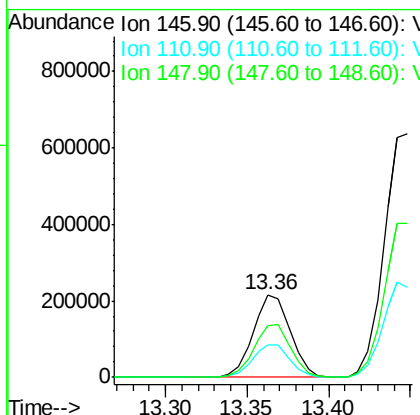
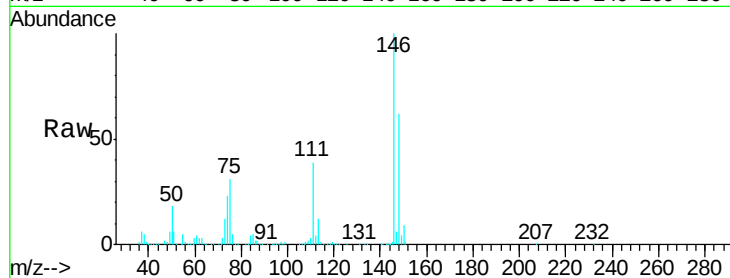




#87
 1,3-Dichlorobenzene
 Concen: 55.981 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

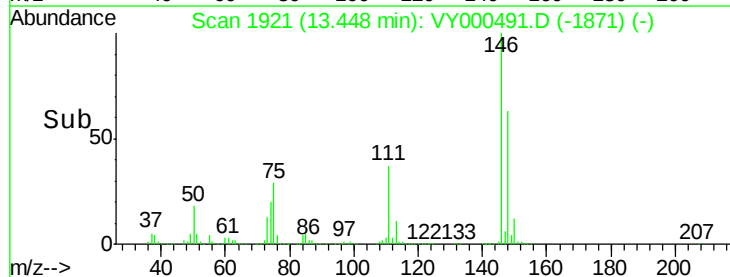
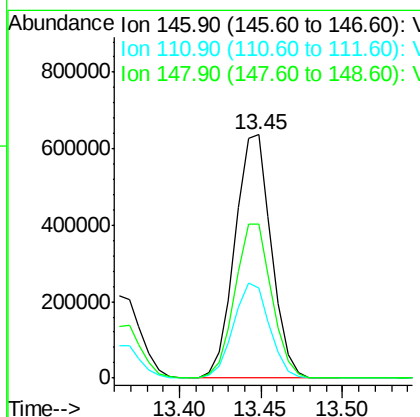
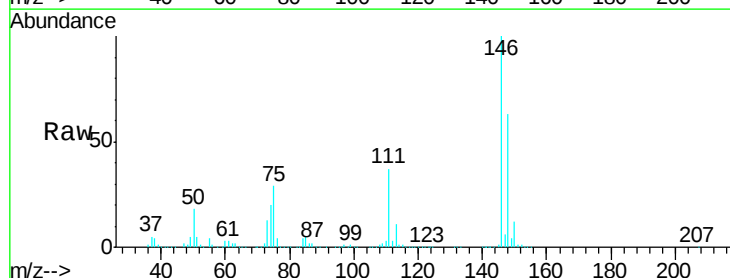
Instrument :
 MSVOA_Y
 ClientSampled :
 PT-VOA-SOIL

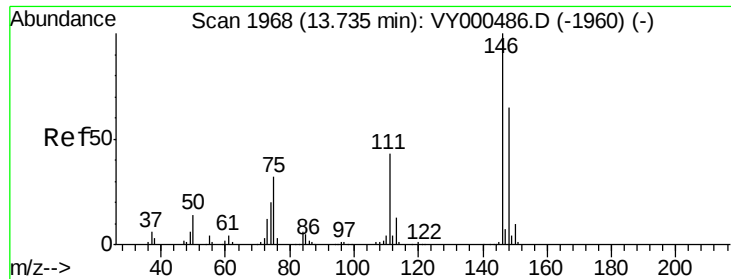
Tgt Ion:146 Resp: 337712
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.8
 148 64.2 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 163.723 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

Tgt Ion:146 Resp: 986964
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.7 59.0
 148 64.0 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 83.164 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY000491.D

Acq: 30 Oct 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOIL

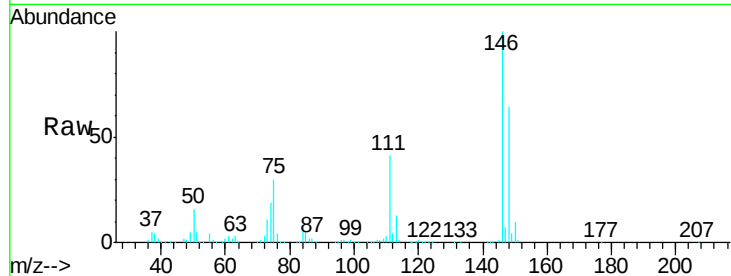
Tgt Ion:146 Resp: 455195

Ion Ratio Lower Upper

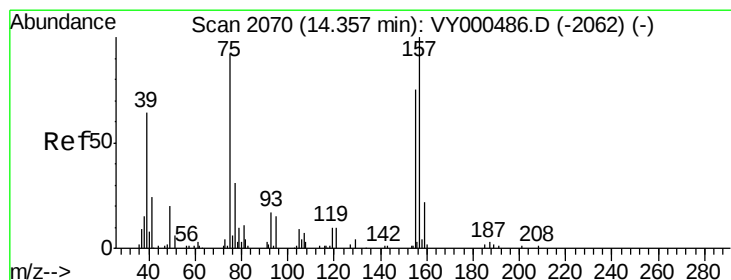
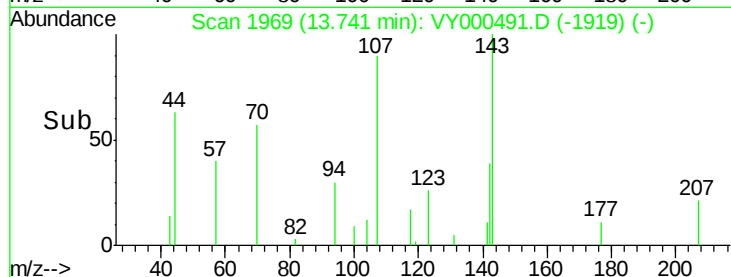
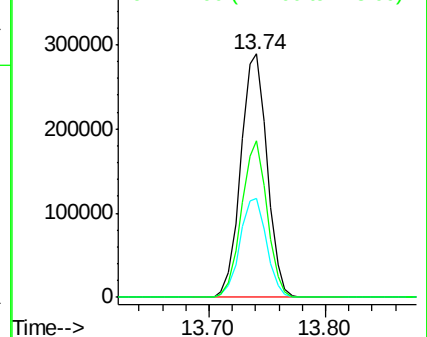
146 100

111 41.2 20.5 61.5

148 62.5 31.7 95.1



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: 66.808 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000491.D

Acq: 30 Oct 2019 14:40

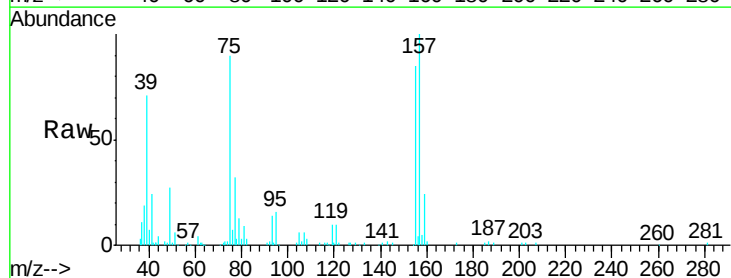
Tgt Ion: 75 Resp: 31796

Ion Ratio Lower Upper

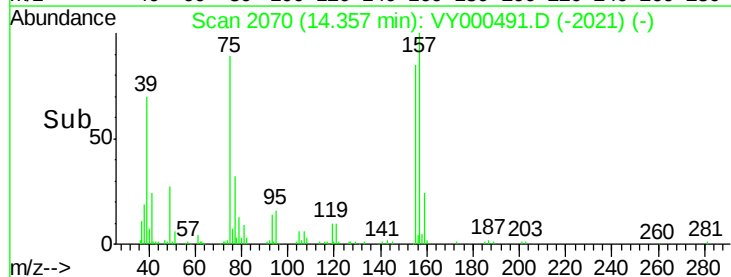
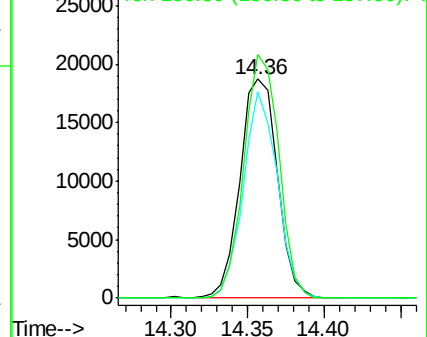
75 100

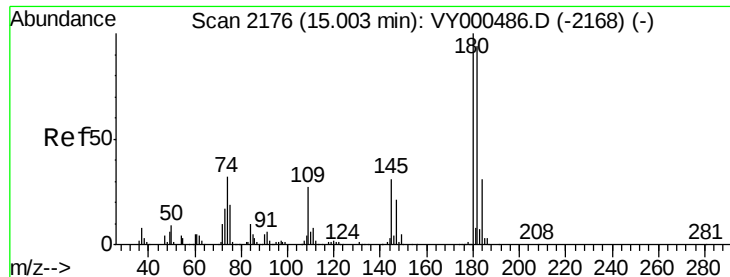
155 85.6 42.4 127.1

157 104.3 55.1 165.3



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

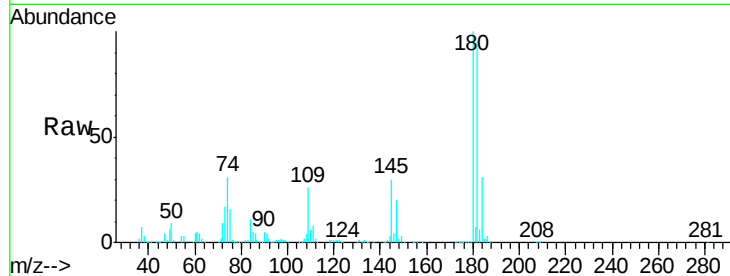




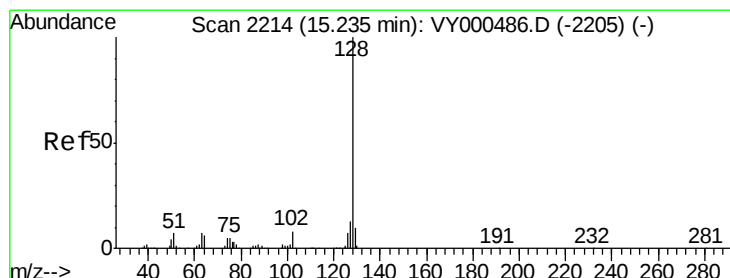
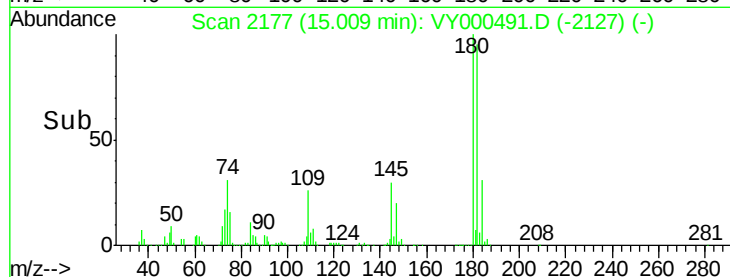
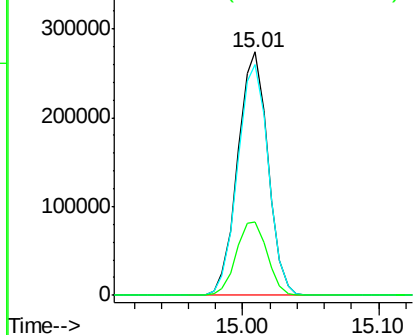
#93
 1,2,4-Trichlorobenzene
 Concen: 113.501 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

Instrument :
 MSVOA_Y
 ClientSampled :
 PT-VOA-SOIL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.8	143.4
145	31.0	16.0	47.9

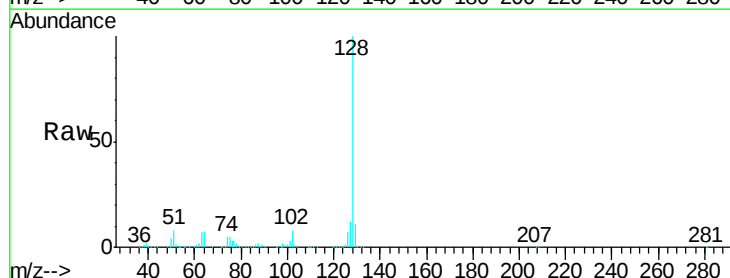


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 109.369 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VY000491.D
 Acq: 30 Oct 2019 14:40

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.8	14.6
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

