

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
 Data File : VY004232.D
 Acq On : 30 Mar 2021 14:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Mar 31 01:45:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

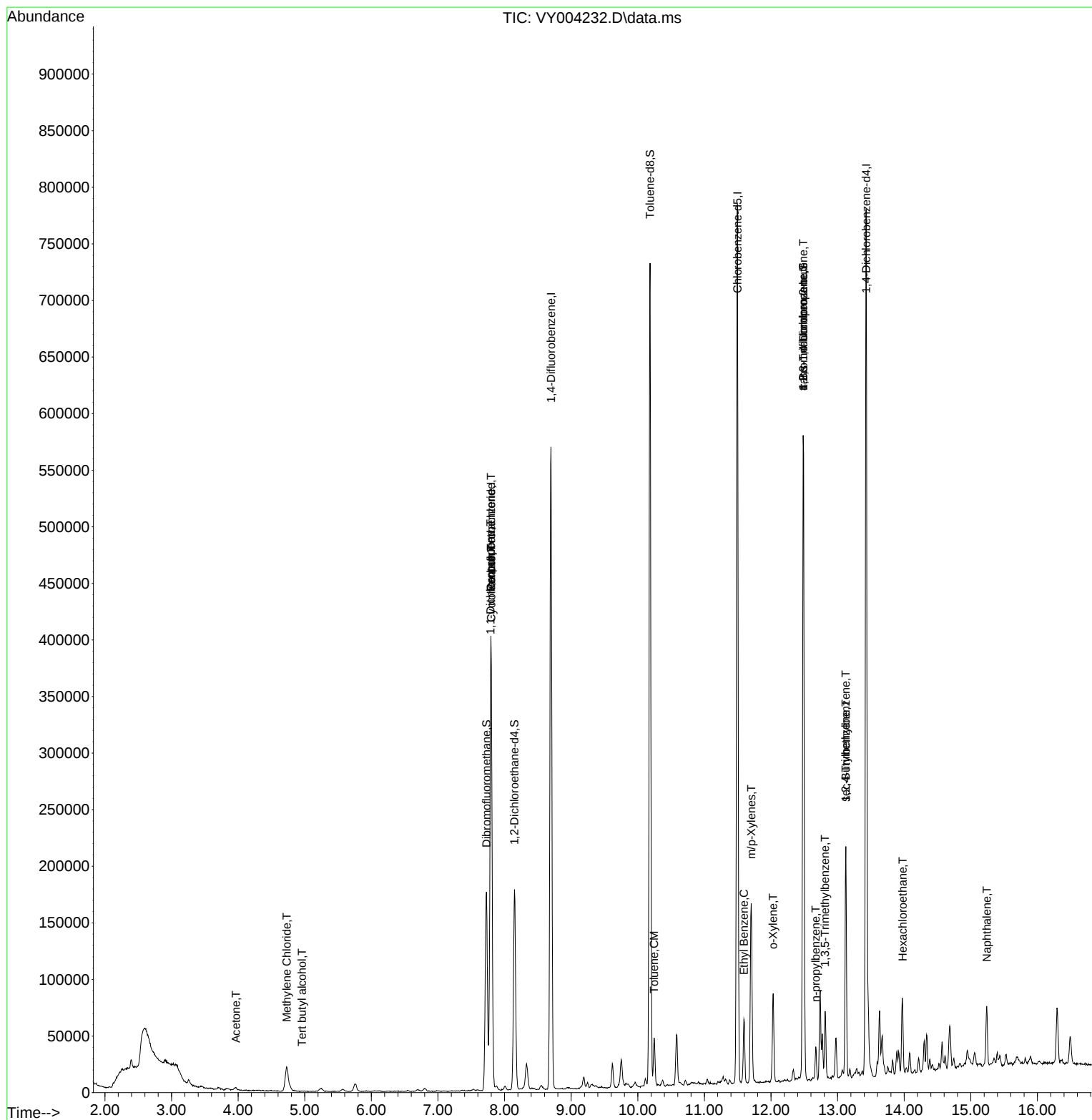
Internal Standards						
1) Pentafluorobenzene	7.795	168	312539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	485109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	410860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133904	44.57	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.14%		
35) Dibromofluoromethane	7.728	113	123320	45.62	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.24%		
50) Toluene-d8	10.185	98	471098	46.34	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.68%		
62) 4-Bromofluorobenzene	12.483	95	159848	45.88	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.76%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.960	59	260	1.06	ug/l #	71
13) Acrolein	3.741	56	461	Below Cal	#	15
16) Acetone	3.967	43	4620	7.38	ug/l #	84
20) Methylene Chloride	4.729	84	14732	2.40	ug/l	94
31) Cyclohexane	7.801	56	7951	1.50	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	22884	5.17	ug/l #	50
38) Carbon Tetrachloride	7.795	117	30227	7.85	ug/l #	17
49) 1,4-Dioxane	9.301	88	2185	Below Cal	#	70
52) Toluene	10.246	92	17361	2.15	ug/l	99
67) Ethyl Benzene	11.593	91	38585	2.59	ug/l	100
68) m/p-Xylenes	11.703	106	48428	8.48	ug/l	99
69) o-Xylene	12.032	106	20150	3.77	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	84697	49.31	ug/l #	100
78) n-propylbenzene	12.672	91	20257	1.27	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	27007	2.40	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	84697	90.88	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.124	105	105803	9.36	ug/l	99
85) sec-Butylbenzene	13.124	105	105803	7.89	ug/l #	56
90) Hexachloroethane	13.977	117	2041	8.86	ug/l #	12
95) Naphthalene	15.239	128	41211	5.04	ug/l	96

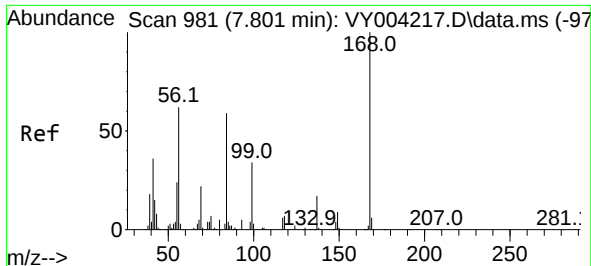
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004232.D
Acq On : 30 Mar 2021 14:56
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Quant Time: Mar 31 01:45:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:38:14 2021
Response via : Initial Calibration

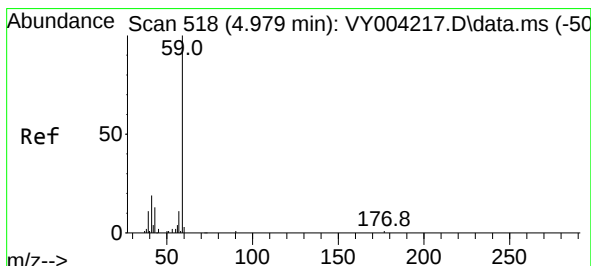
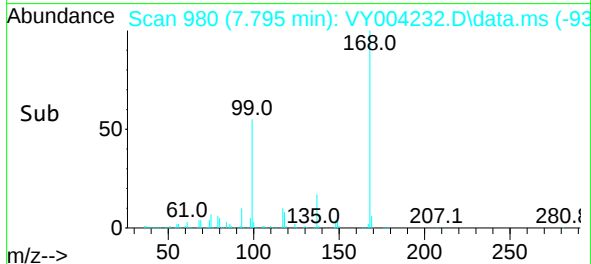
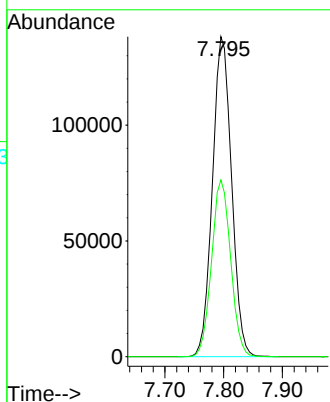
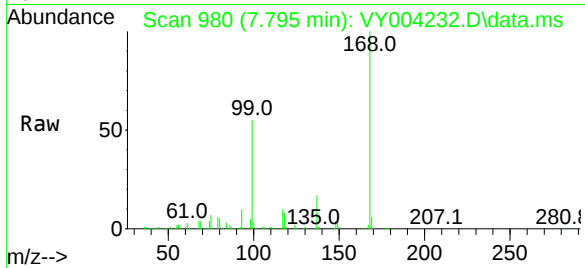




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

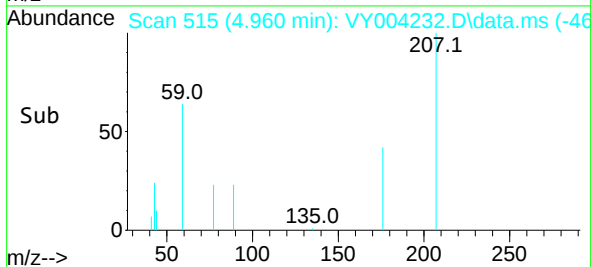
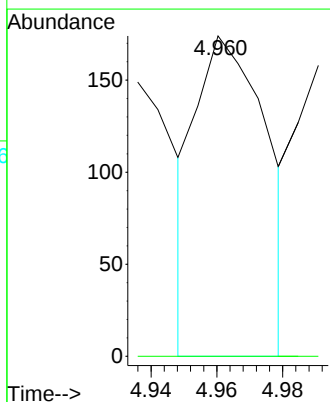
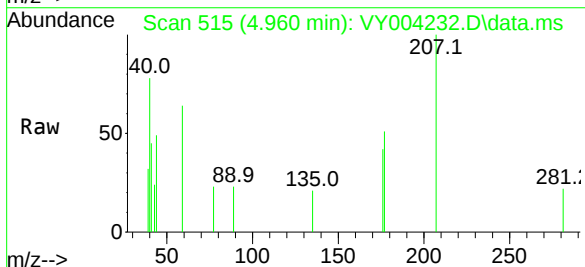
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

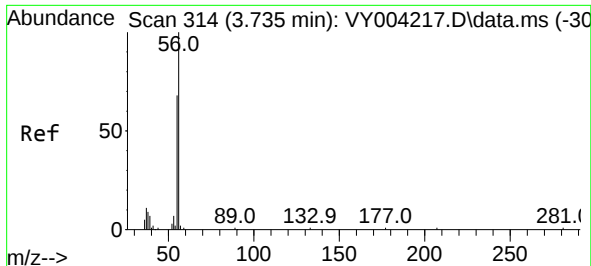
Tgt Ion:168 Resp: 312539
Ion Ratio Lower Upper
168 100
99 55.3 42.6 64.0



#11
Tert butyl alcohol
Concen: 1.06 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 59 Resp: 260
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

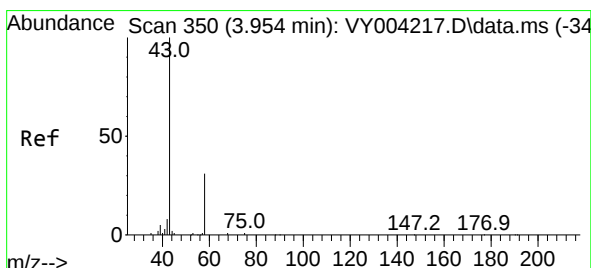
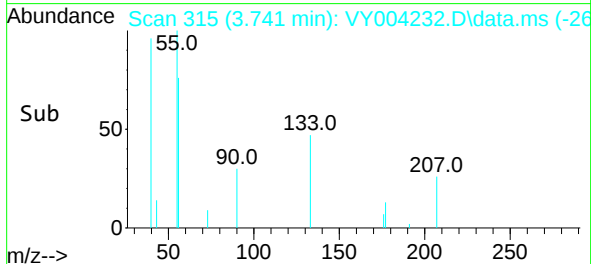
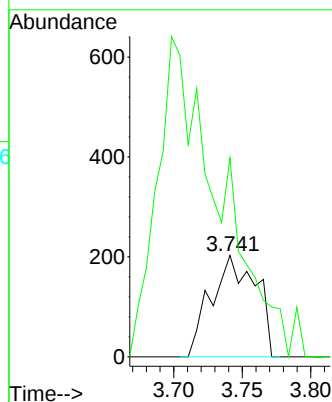
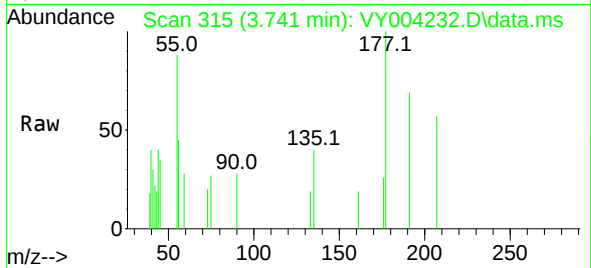




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

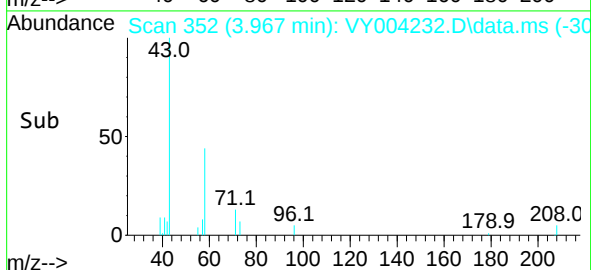
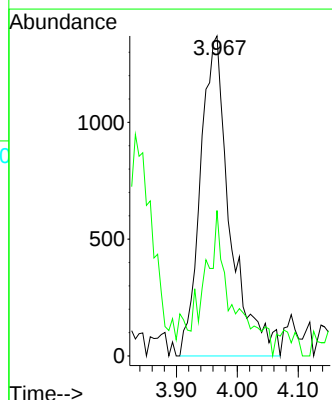
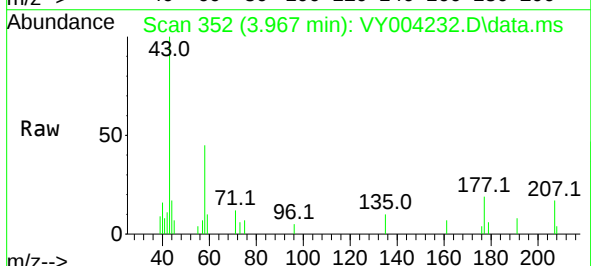
Instrument :
MSVOA_Y
ClientSampled :
IBLK

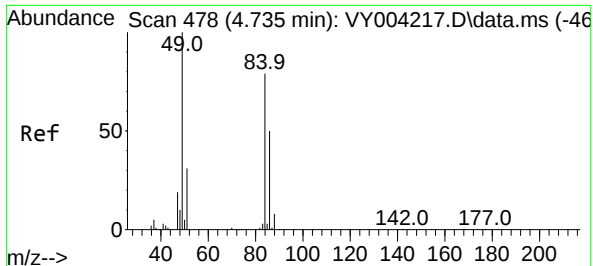
Tgt Ion: 56 Resp: 461
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#



#16
Acetone
Concen: 7.38 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 43 Resp: 4620
Ion Ratio Lower Upper
43 100
58 39.3 24.5 36.7#





#20

Methylene Chloride

Concen: 2.40 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY004232.D

Acq: 30 Mar 2021 14:56

Instrument :

MSVOA_Y

ClientSampled :

IBLK

Tgt Ion: 84 Resp: 14732

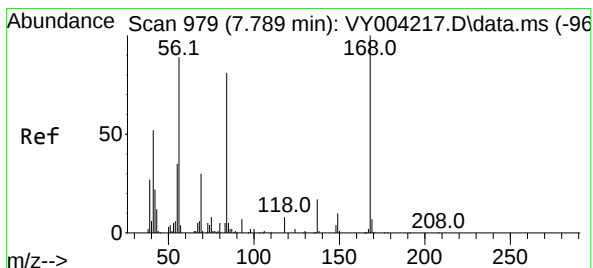
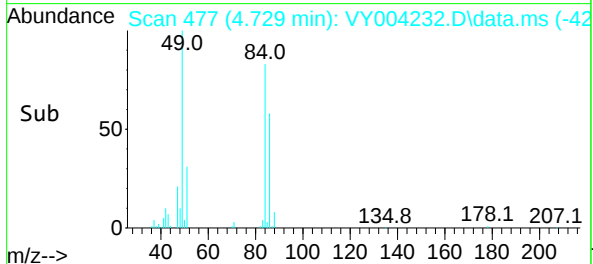
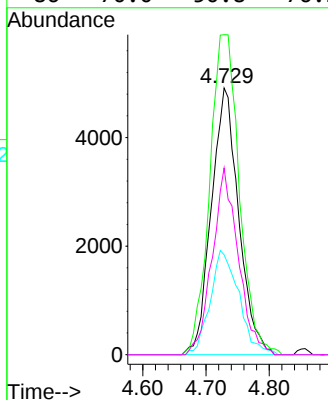
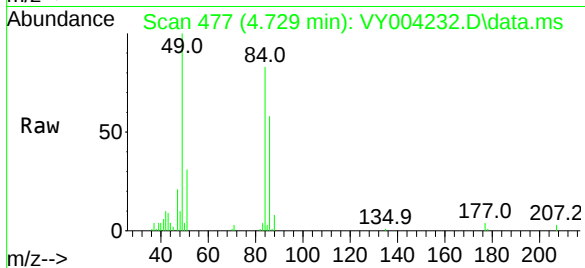
Ion Ratio Lower Upper

84 100

49 120.0 101.5 152.3

51 37.4 31.5 47.3

86 70.0 50.8 76.2



#31

Cyclohexane

Concen: 1.50 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY004232.D

Acq: 30 Mar 2021 14:56

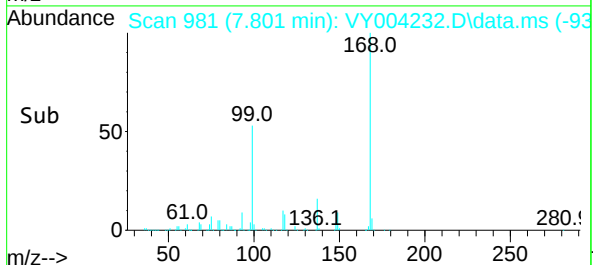
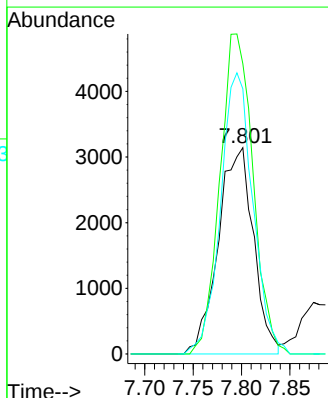
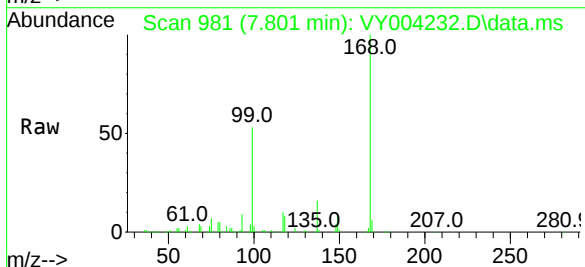
Tgt Ion: 56 Resp: 7951

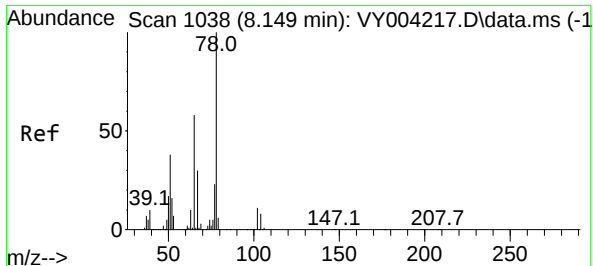
Ion Ratio Lower Upper

56 100

69 140.8 26.6 40.0#

84 128.6 72.3 108.5#

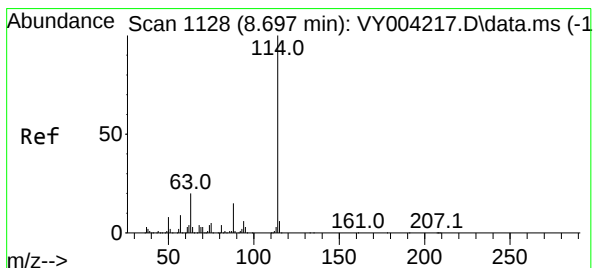
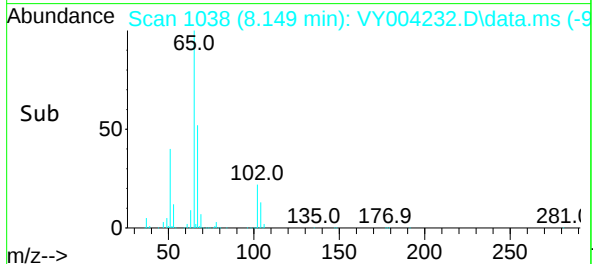
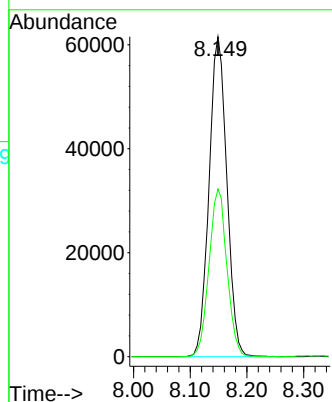
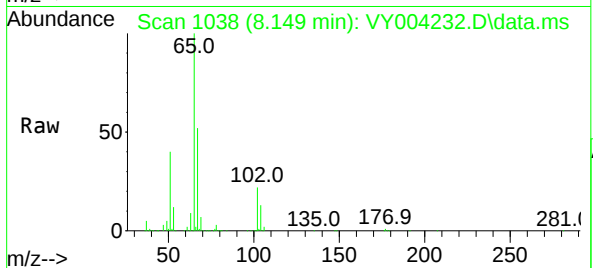




#33
1,2-Dichloroethane-d4
Concen: 44.57 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

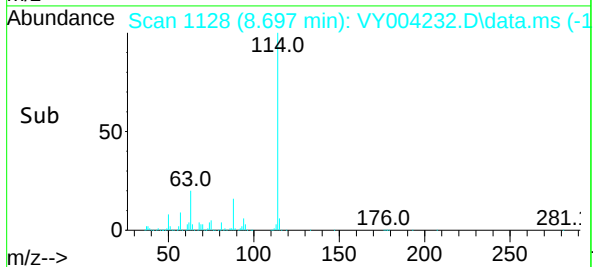
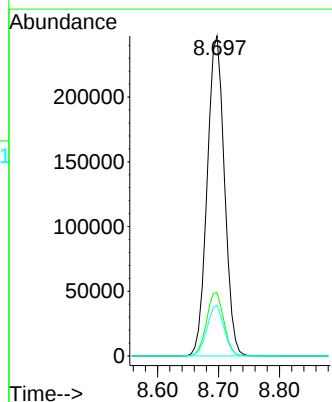
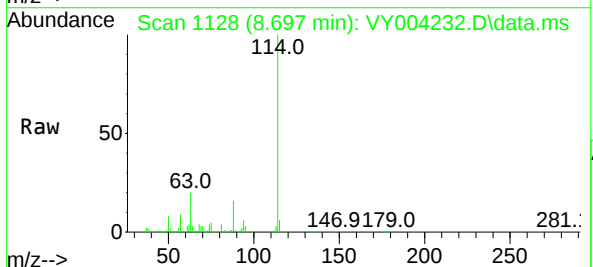
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

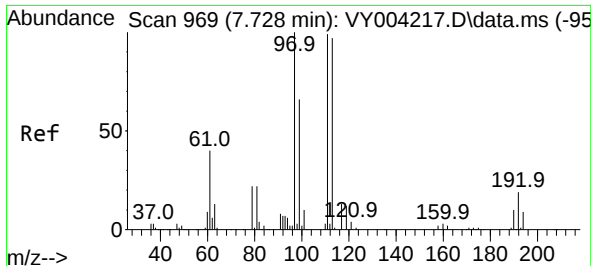
Tgt Ion: 65 Resp: 133904
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion:114 Resp: 485109
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.4
88 15.8 0.0 30.8

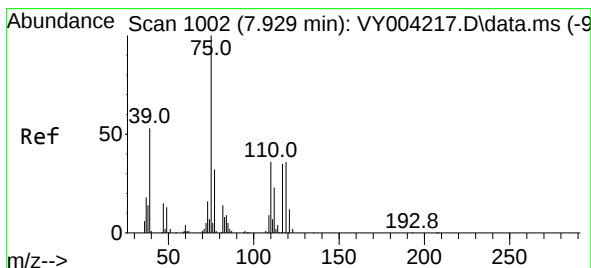
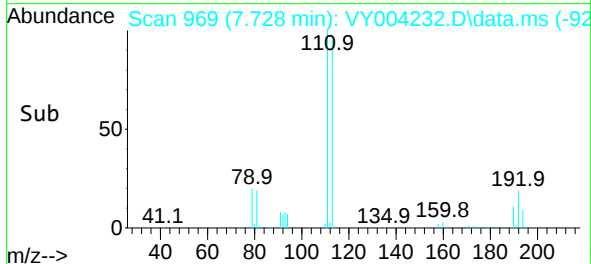
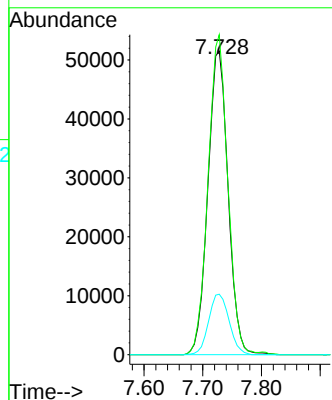
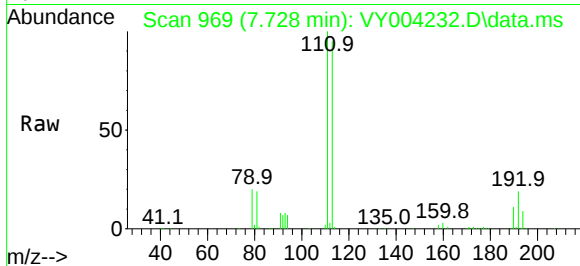




#35
Dibromofluoromethane
Concen: 45.62 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

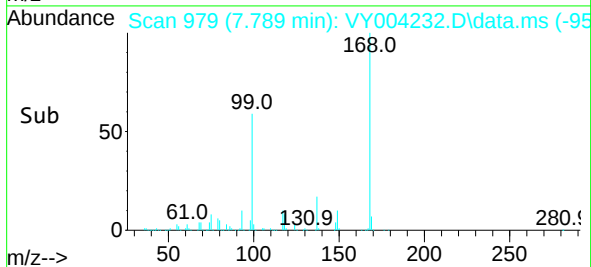
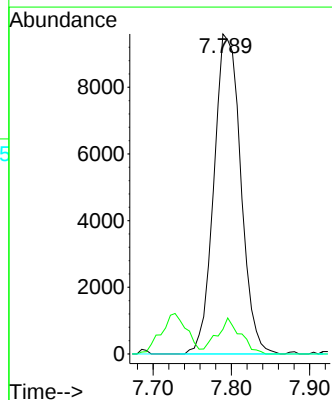
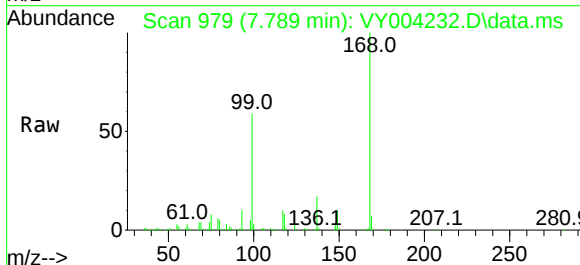
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

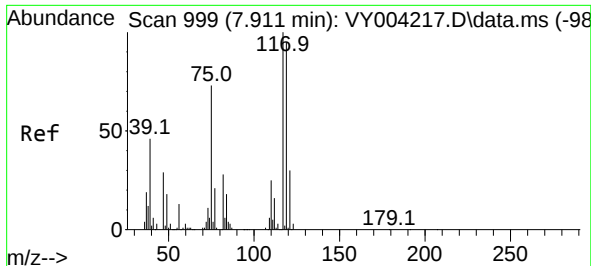
Tgt Ion:113 Resp: 123320
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.2 16.4 24.6



#36
1,1-Dichloropropene
Concen: 5.17 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 75 Resp: 22884
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.3#
77 0.0 25.1 37.7#

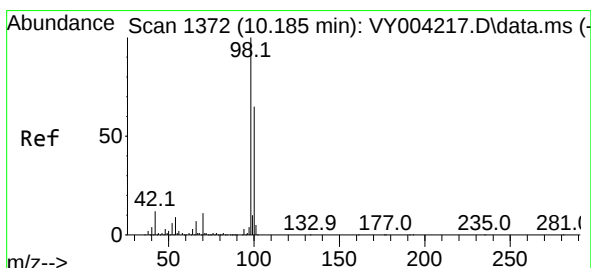
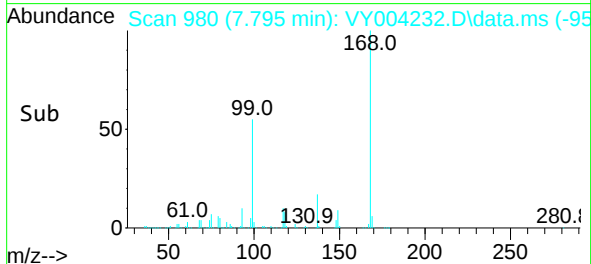
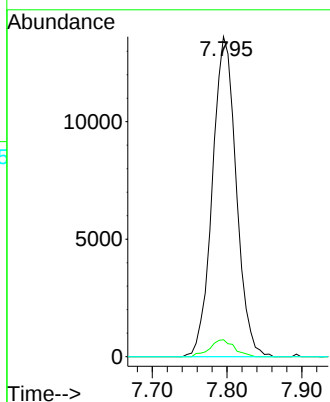
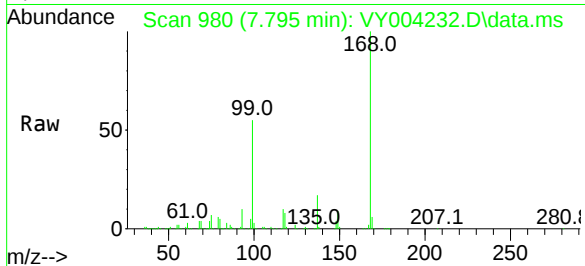




#38
Carbon Tetrachloride
Concen: 7.85 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

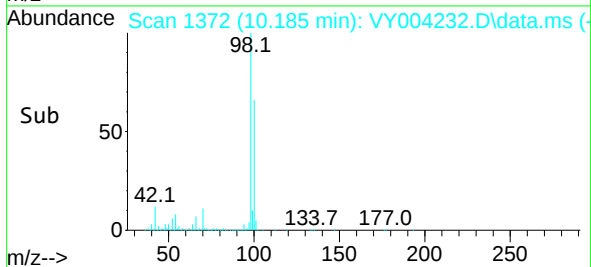
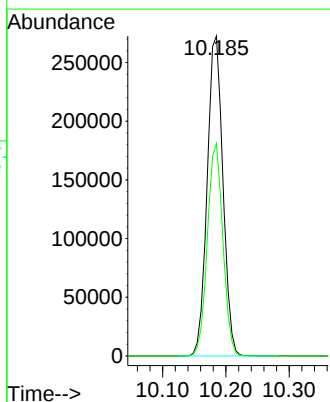
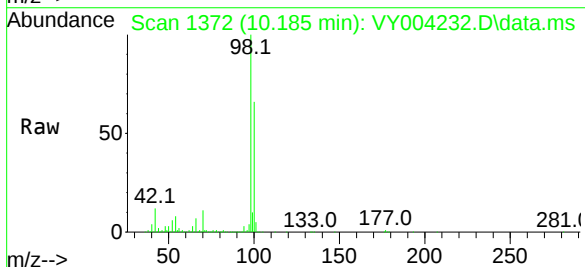
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

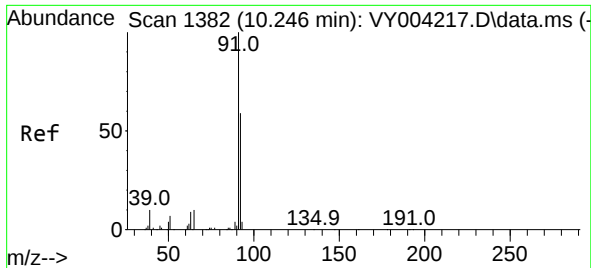
Tgt Ion:117 Resp: 30227
Ion Ratio Lower Upper
117 100
119 5.3 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 46.34 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 98 Resp: 471098
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

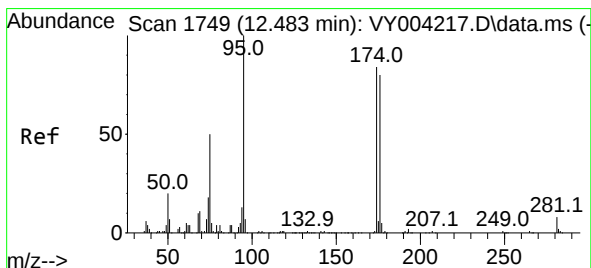
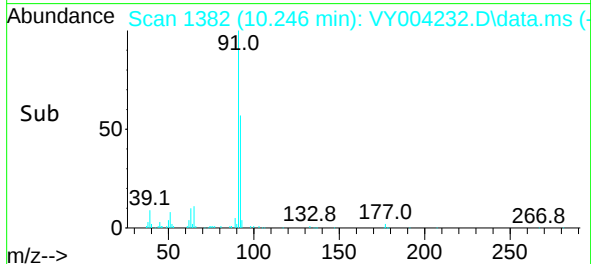
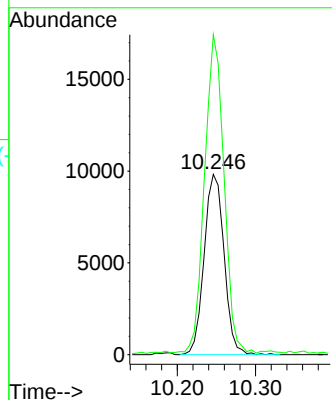
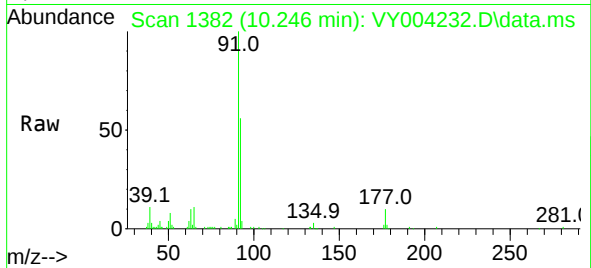




#52
Toluene
Concen: 2.15 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

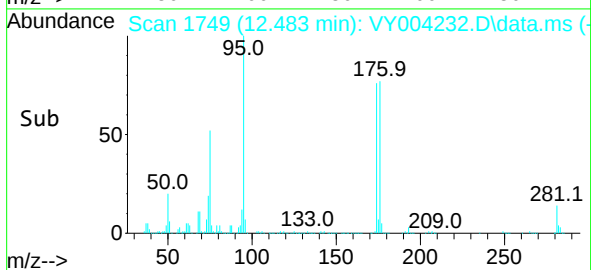
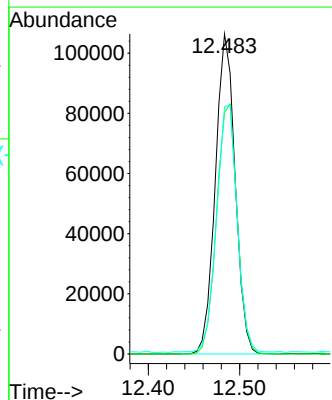
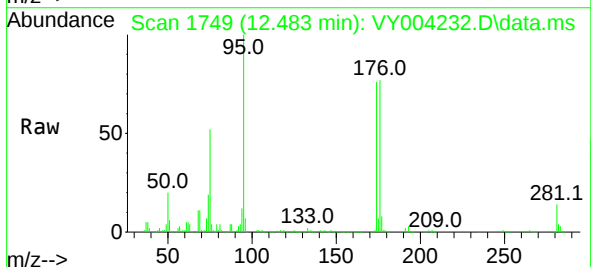
Instrument :
MSVOA_Y
ClientSampled :
IBLK

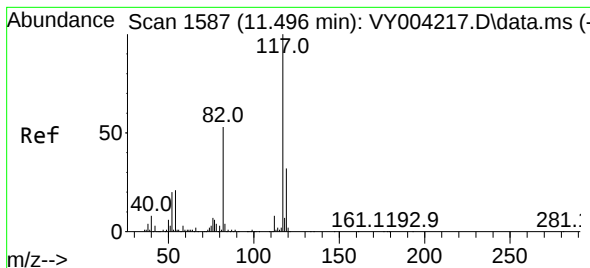
Tgt Ion: 92 Resp: 17361
Ion Ratio Lower Upper
92 100
91 171.5 136.0 204.0



#62
4-Bromofluorobenzene
Concen: 45.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 95 Resp: 159848
Ion Ratio Lower Upper
95 100
174 81.4 0.0 171.4
176 80.9 0.0 165.6

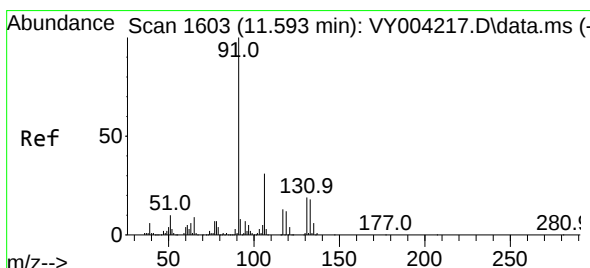
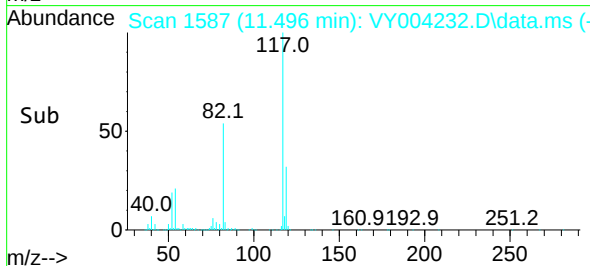
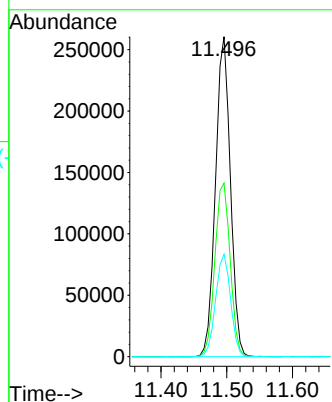
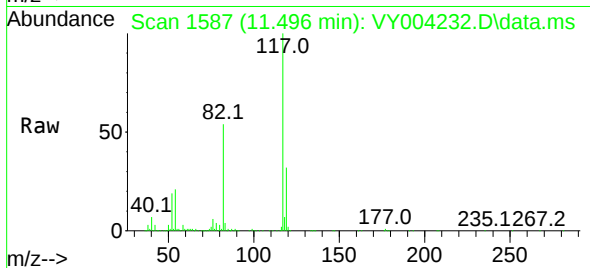




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

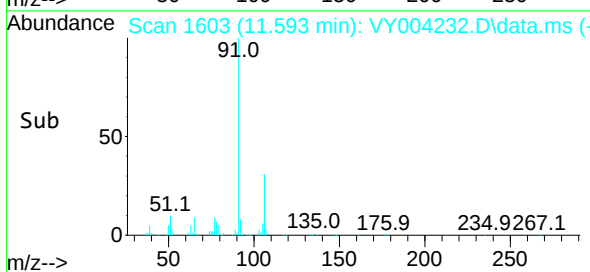
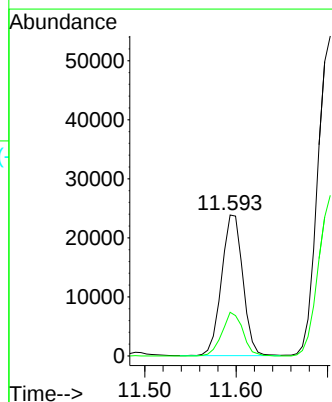
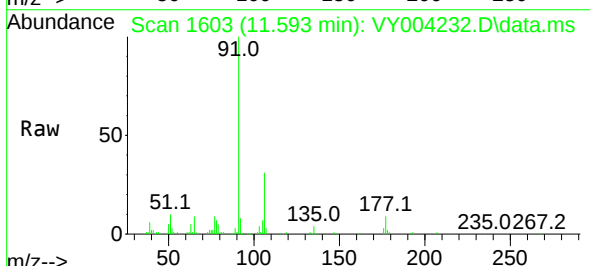
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

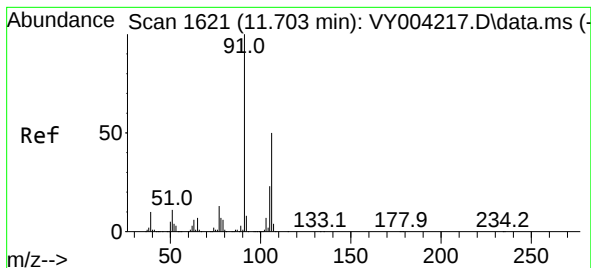
Tgt Ion:117 Resp: 410860
Ion Ratio Lower Upper
117 100
82 54.2 42.7 64.1
119 32.0 25.7 38.5



#67
Ethyl Benzene
Concen: 2.59 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 91 Resp: 38585
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

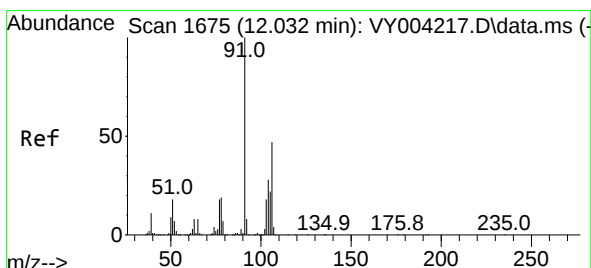
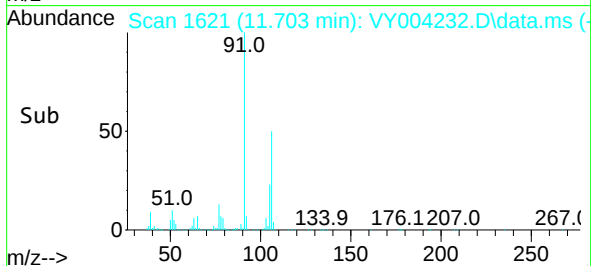
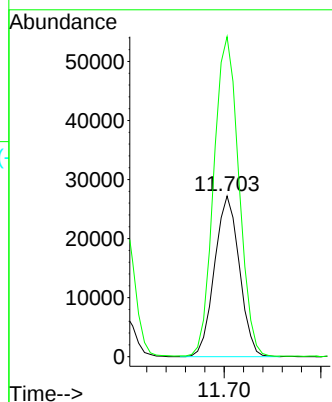
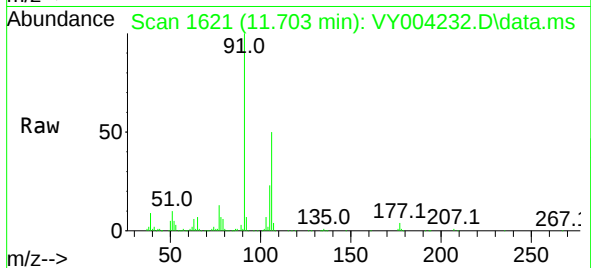




#68
m/p-Xylenes
Concen: 8.48 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

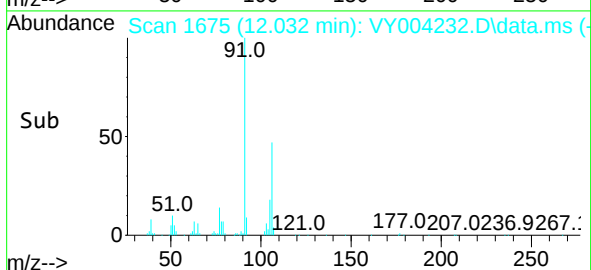
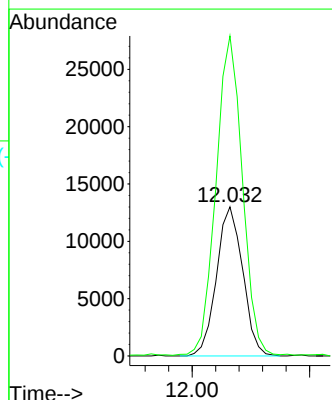
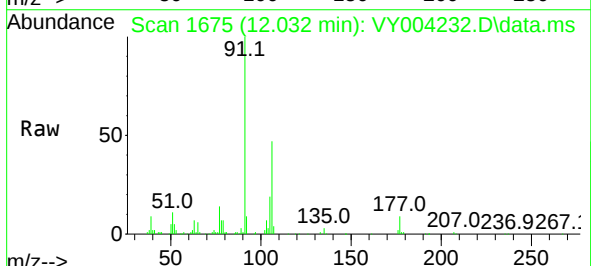
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

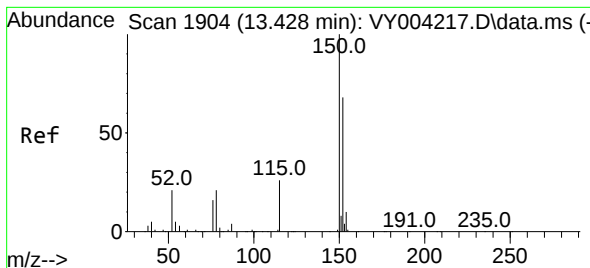
Tgt Ion:106 Resp: 48428
Ion Ratio Lower Upper
106 100
91 200.9 159.8 239.6



#69
o-Xylene
Concen: 3.77 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion:106 Resp: 20150
Ion Ratio Lower Upper
106 100
91 215.2 105.6 316.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY004232.D

Acq: 30 Mar 2021 14:56

Tgt Ion:152 Resp: 189159

Ion Ratio Lower Upper

152 100

115 59.0 29.0 87.1

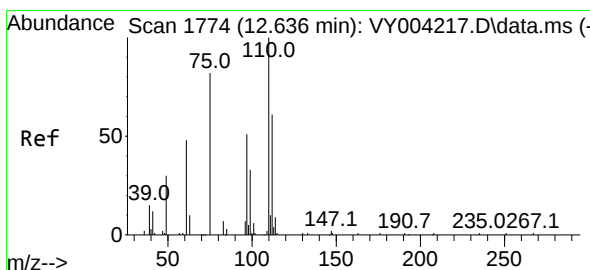
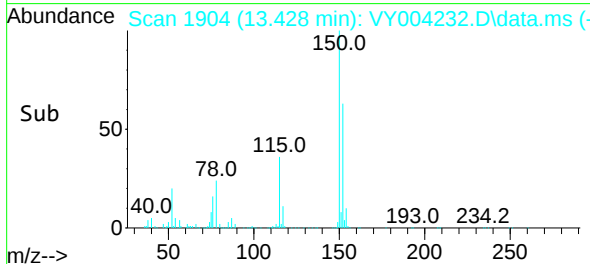
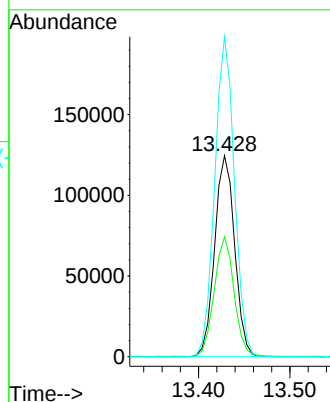
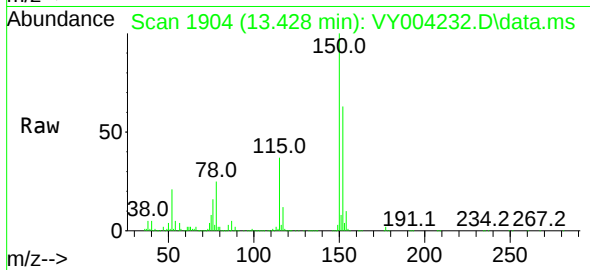
150 156.7 0.0 347.4

Instrument :

MSVOA_Y

ClientSampleId :

IBLK



#76

1,2,3-Trichloropropane

Concen: 49.31 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY004232.D

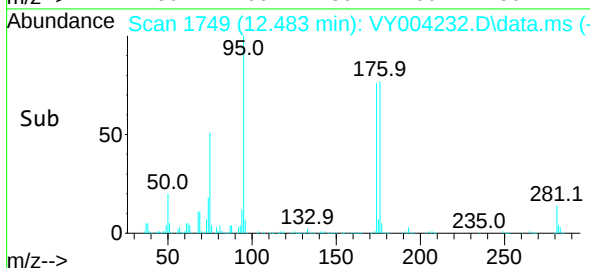
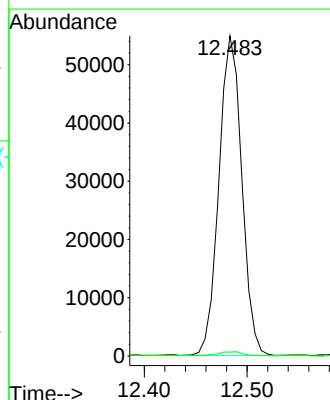
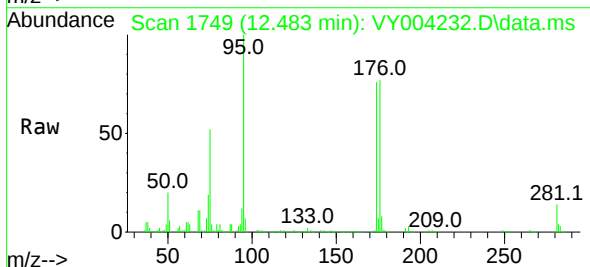
Acq: 30 Mar 2021 14:56

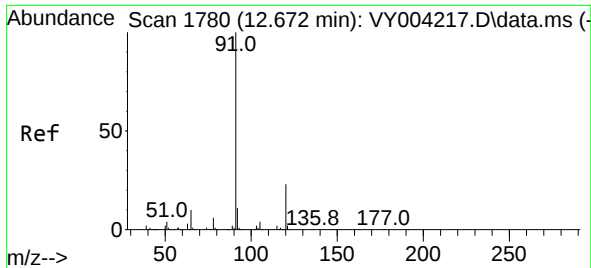
Tgt Ion: 75 Resp: 84697

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

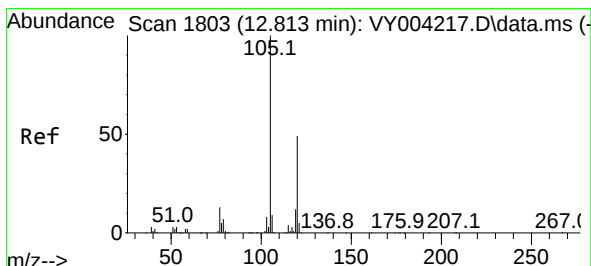
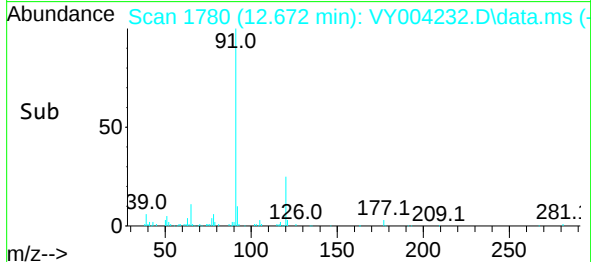
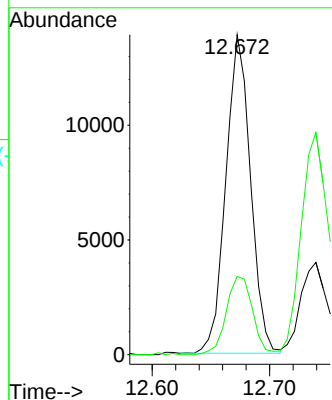
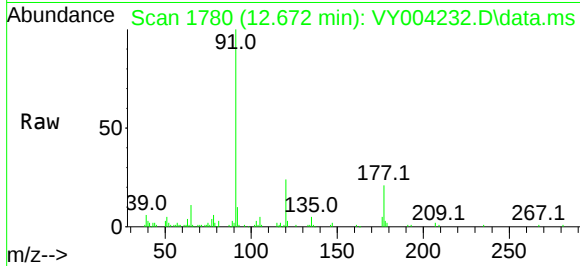




#78
n-propylbenzene
Concen: 1.27 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

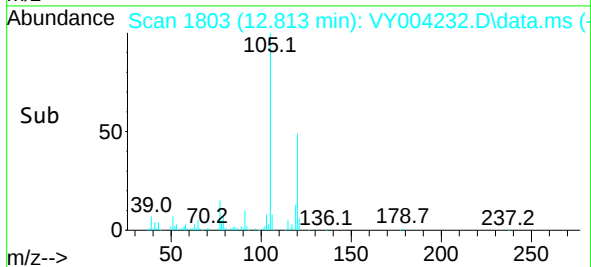
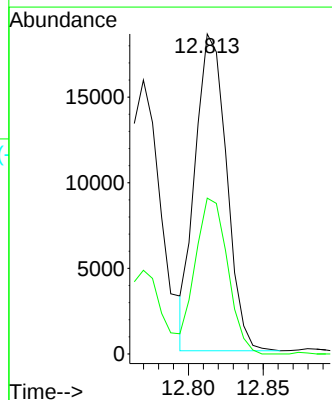
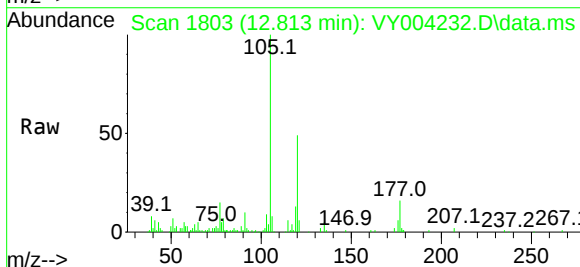
Instrument :
MSVOA_Y
ClientSampled :
IBLK

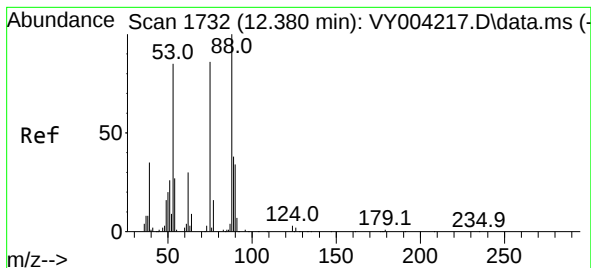
Tgt Ion: 91 Resp: 20257
Ion Ratio Lower Upper
91 100
120 26.1 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 2.40 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 105 Resp: 27007
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7

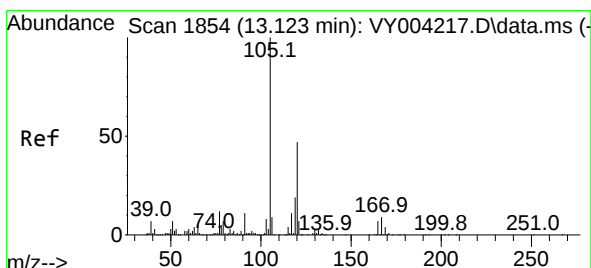
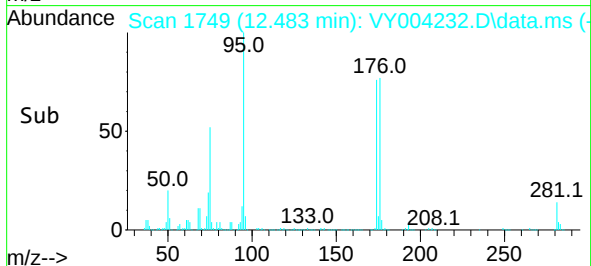
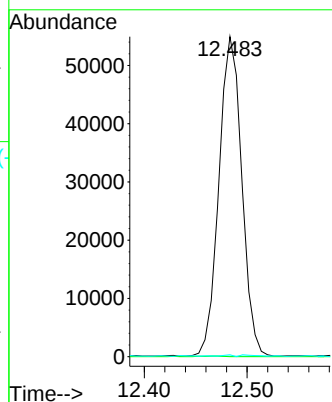
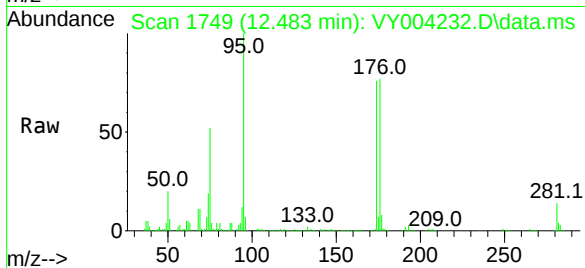




#81
trans-1,4-Dichloro-2-butene
Concen: 90.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

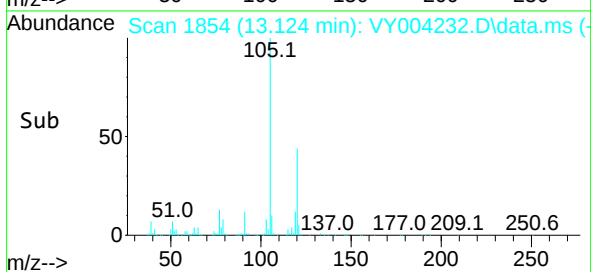
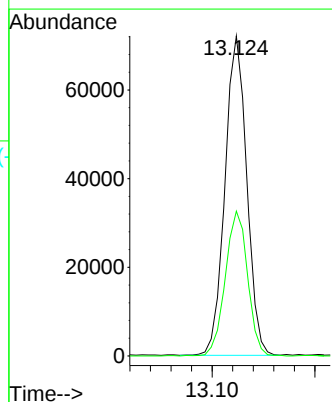
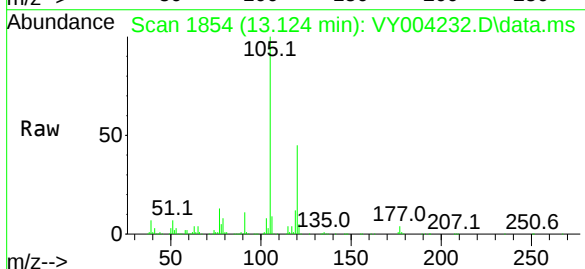
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

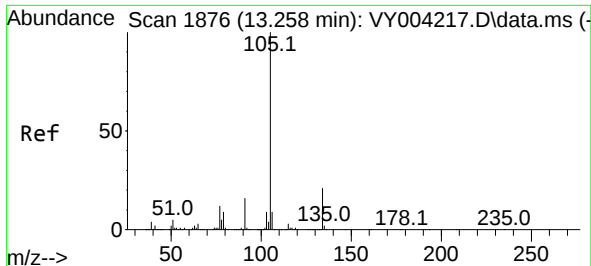
Tgt Ion: 75 Resp: 84697
Ion Ratio Lower Upper
75 100
53 0.2 79.3 118.9#
89 0.3 39.4 59.2#



#84
1,2,4-Trimethylbenzene
Concen: 9.36 ug/l
RT: 13.124 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 105 Resp: 105803
Ion Ratio Lower Upper
105 100
120 46.5 22.9 68.7

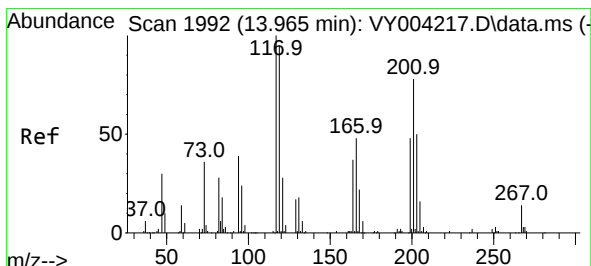
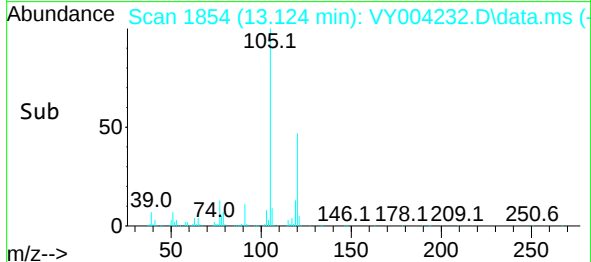
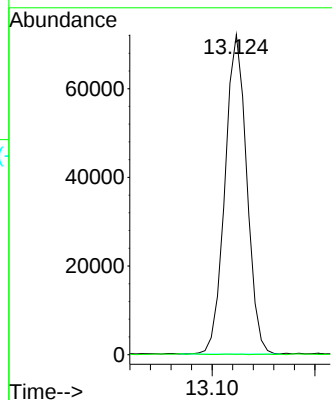
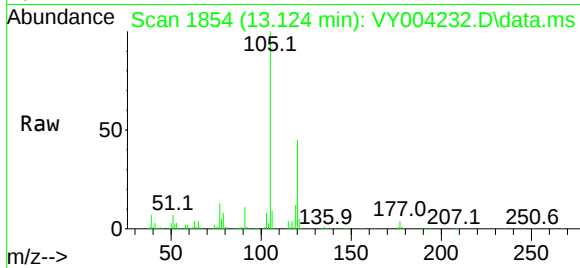




#85
 sec-Butylbenzene
 Concen: 7.89 ug/l
 RT: 13.124 min Scan# 1854
 Delta R.T. -0.134 min
 Lab File: VY004232.D
 Acq: 30 Mar 2021 14:56

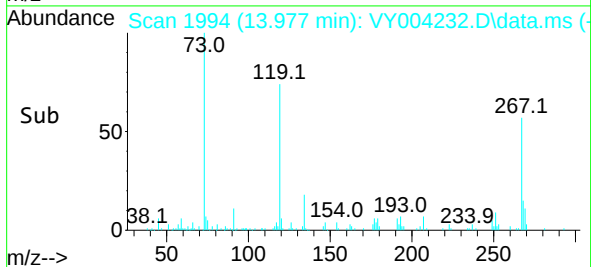
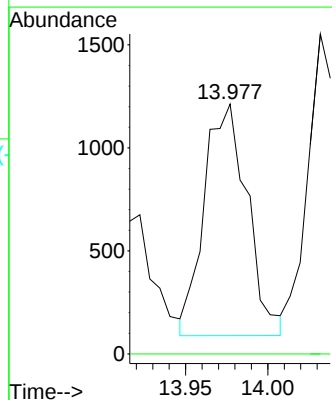
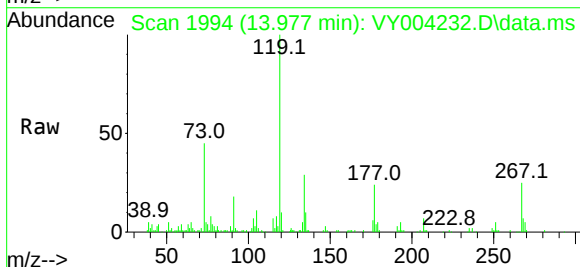
Instrument :
 MSVOA_Y
 ClientSampleID :
 IBLK

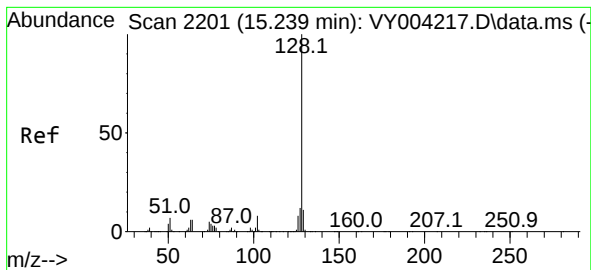
Tgt Ion:105 Resp: 105803
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.4 31.4#



#90
 Hexachloroethane
 Concen: 8.86 ug/l
 RT: 13.977 min Scan# 1994
 Delta R.T. 0.012 min
 Lab File: VY004232.D
 Acq: 30 Mar 2021 14:56

Tgt Ion:117 Resp: 2041
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#





#95
Naphthalene
Concen: 5.04 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 41211
Ion Ratio Lower Upper
128 100
127 14.2 10.1 15.1
129 12.5 8.9 13.3

