

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007482.D
 Acq On : 11 Feb 2022 17:19
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 02:55:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

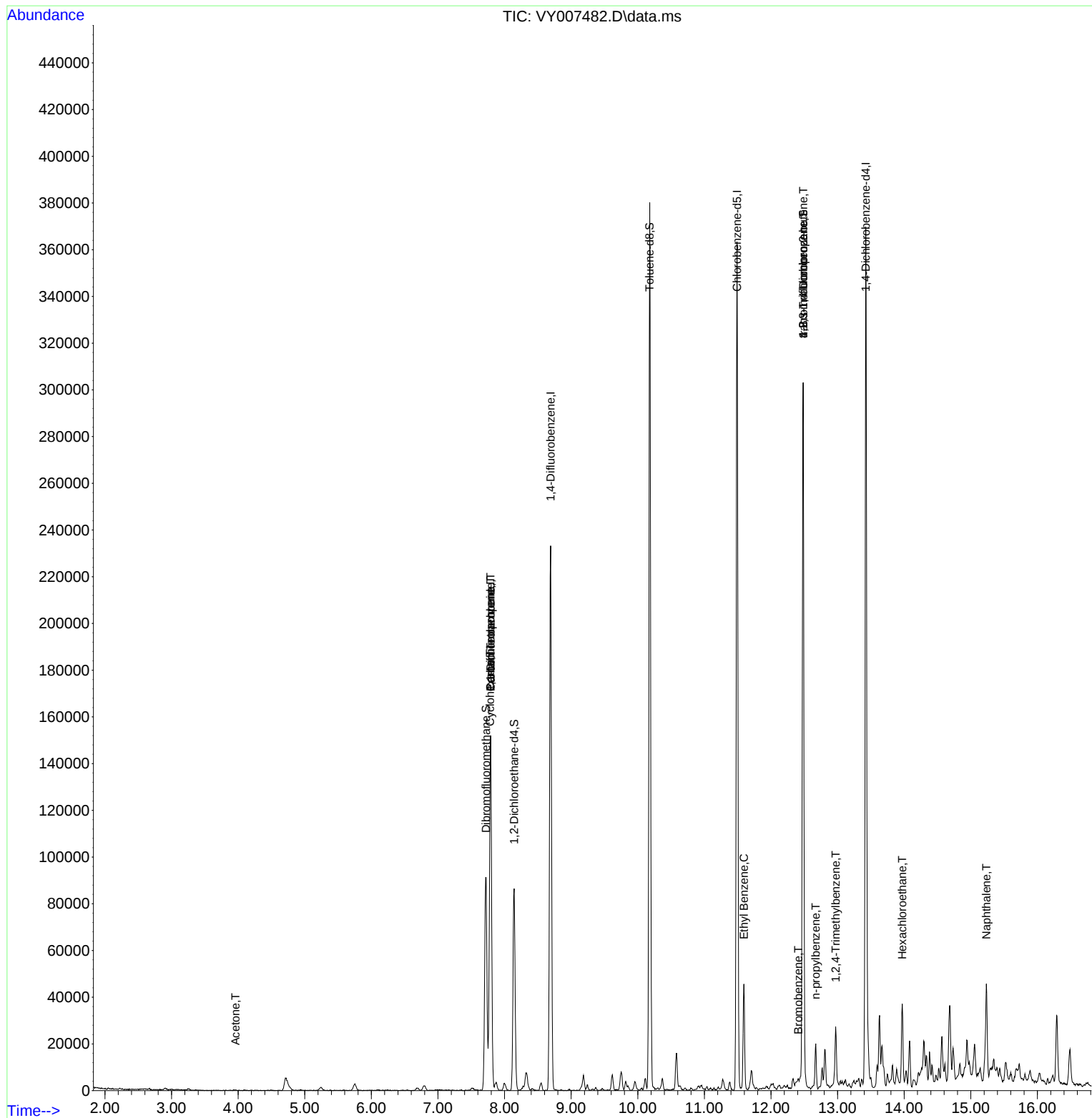
Internal Standards						
1) Pentafluorobenzene	7.789	168	110716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68736	53.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.940%	
35) Dibromofluoromethane	7.722	113	64352	50.283	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.560%	
50) Toluene-d8	10.179	98	241726	51.123	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	12.483	95	90590	56.369	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	251	Below Cal	#	83
11) Tert butyl alcohol	4.936	59	102	Below Cal	#	77
16) Acetone	3.960	43	577	1.395	ug/l #	47
31) Cyclohexane	7.783	56	3462	1.393	ug/l #	43
36) 1,1-Dichloropropene	7.789	75	8674	3.877	ug/l #	52
38) Carbon Tetrachloride	7.789	117	12267	5.219	ug/l #	16
67) Ethyl Benzene	11.593	91	30161	3.691	ug/l	100
76) 1,2,3-Trichloropropane	12.483	75	50125	47.238	ug/l #	100
77) Bromobenzene	12.410	156	2223	1.294	ug/l #	1
78) n-propylbenzene	12.672	91	13756	1.392	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	50125	94.638	ug/l #	7
84) 1,2,4-Trimethylbenzene	12.971	105	12939	1.975	ug/l	80
90) Hexachloroethane	13.971	117	1680	1.256	ug/l #	6
95) Naphthalene	15.233	128	29559	8.190	ug/l	98

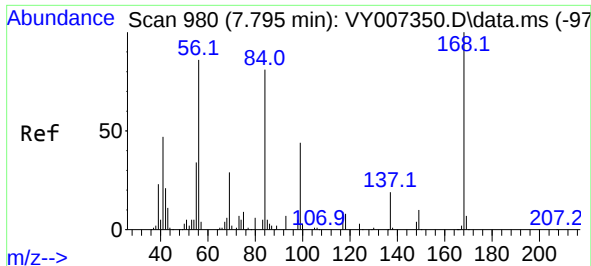
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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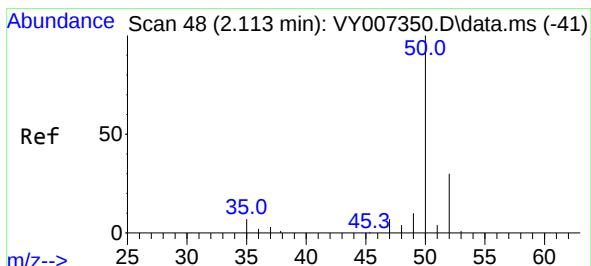
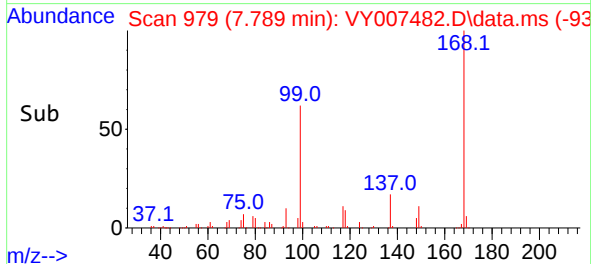
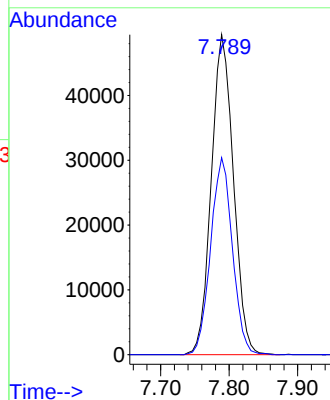
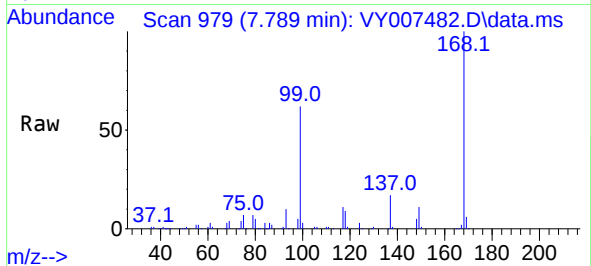




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

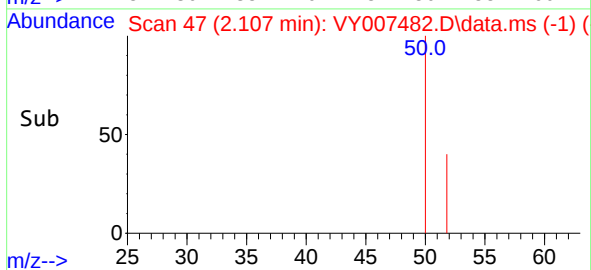
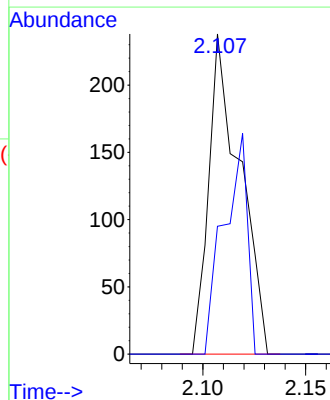
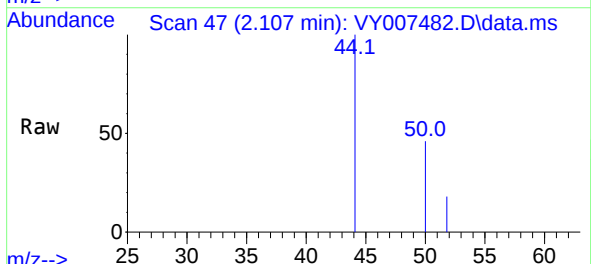
Instrument :
MSVOA_Y
ClientSampleId :

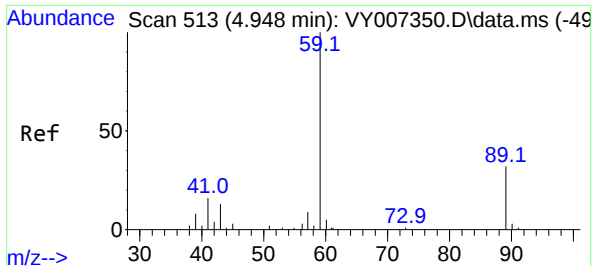
Tgt Ion:168 Resp: 110716
Ion Ratio Lower Upper
168 100
99 61.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Tgt Ion: 50 Resp: 251
Ion Ratio Lower Upper
50 100
52 39.9 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY007482.D

Acq: 11 Feb 2022 17:19

Instrument :

MSVOA_Y

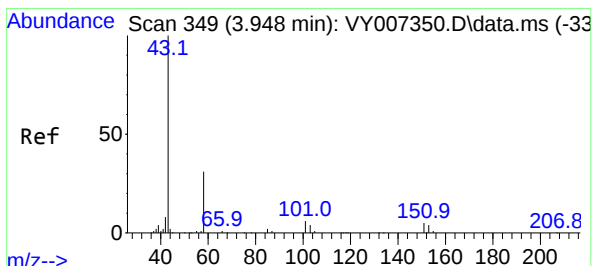
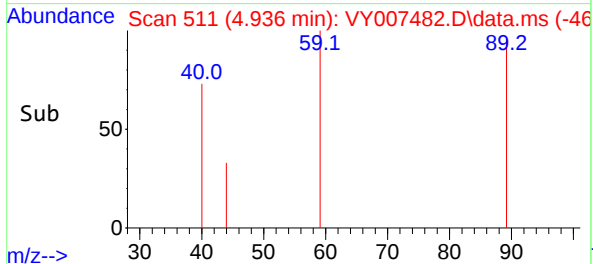
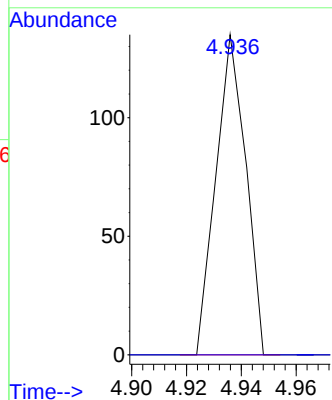
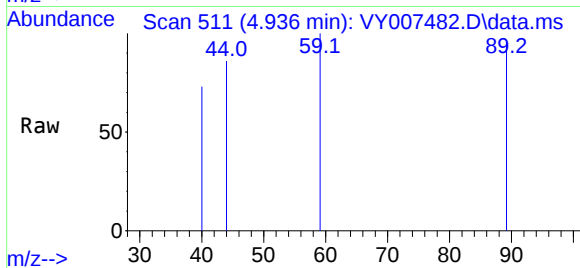
ClientSampleId :

Tgt Ion: 59 Resp: 102

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.395 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY007482.D

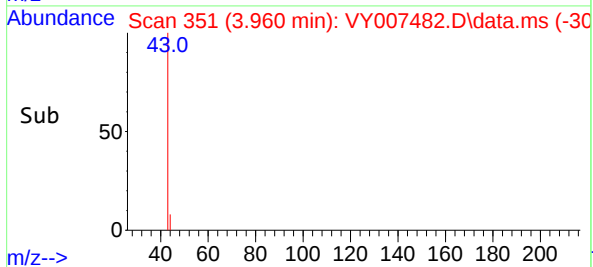
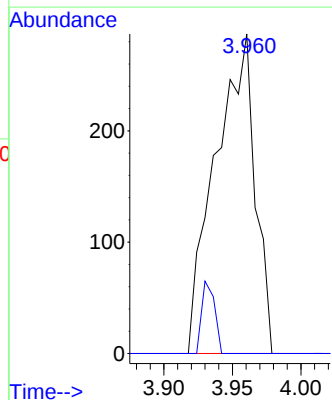
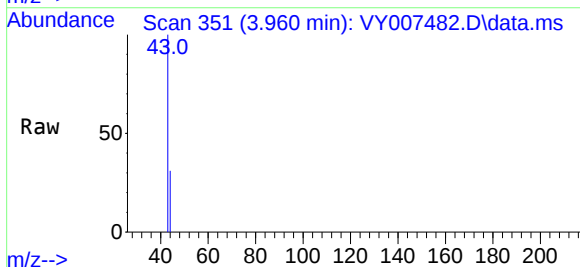
Acq: 11 Feb 2022 17:19

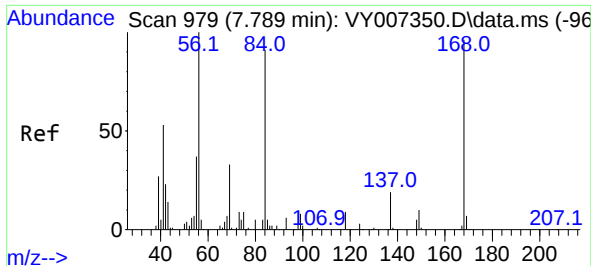
Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

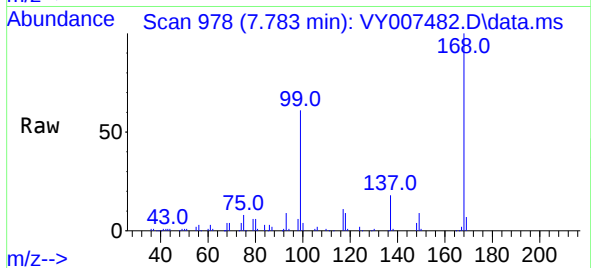
58 0.0 22.0 33.0#



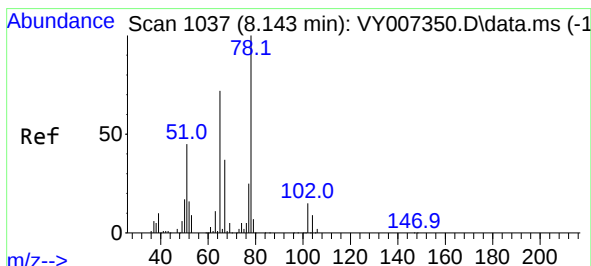
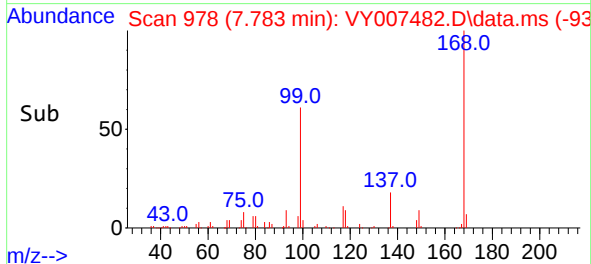
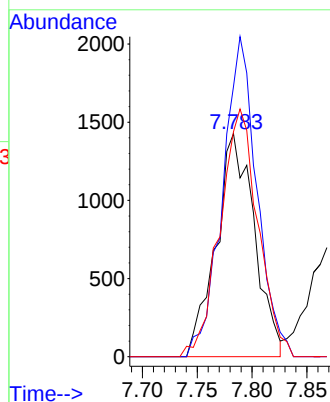


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :

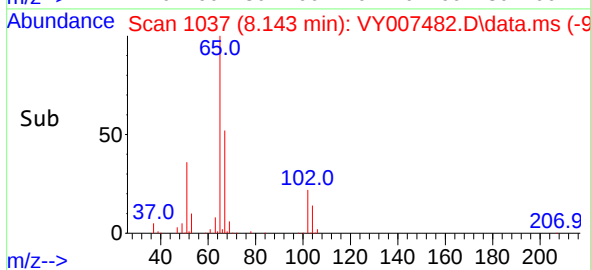
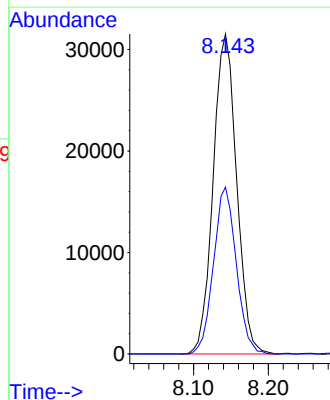
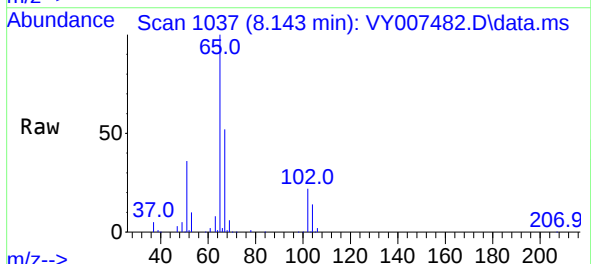


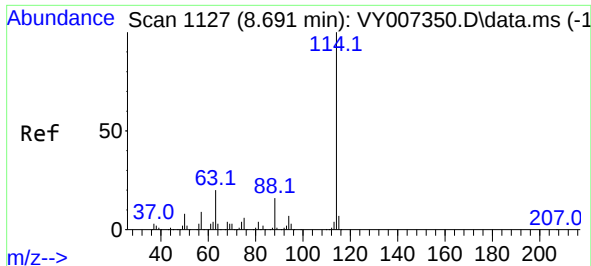
Tgt Ion: 56 Resp: 3462
Ion Ratio Lower Upper
56 100
69 121.1 26.7 40.1#
84 100.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.974 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Tgt Ion: 65 Resp: 68736
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007482.D

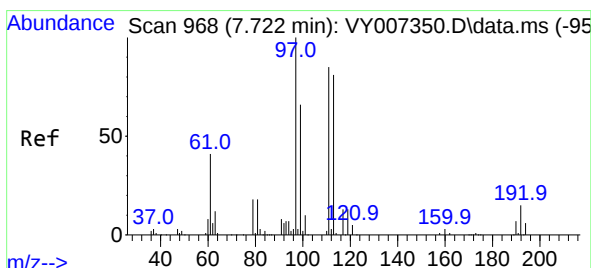
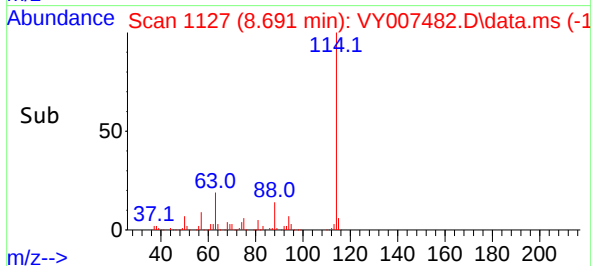
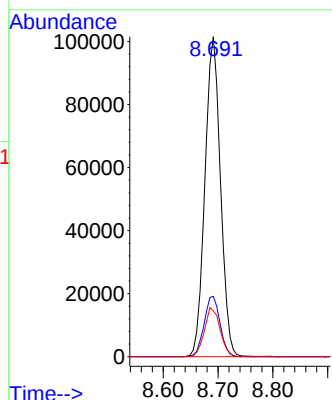
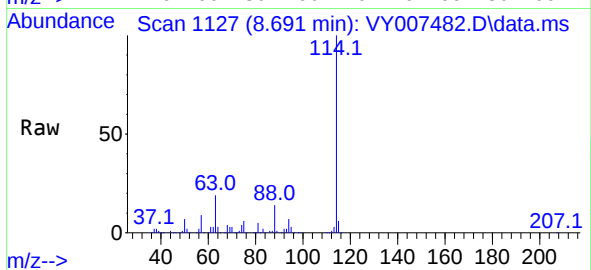
Acq: 11 Feb 2022 17:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	199305
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	43.2
88	14.3	0.0	31.8



#35

Dibromofluoromethane

Concen: 50.283 ug/l

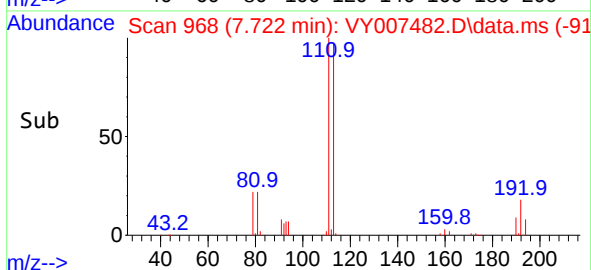
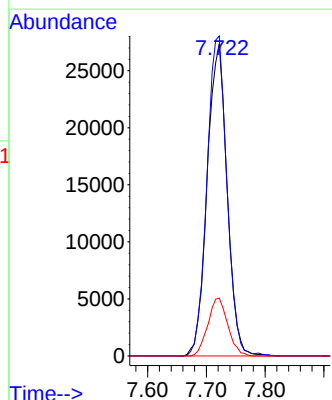
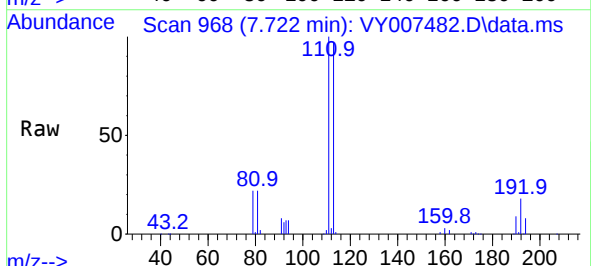
RT: 7.722 min Scan# 968

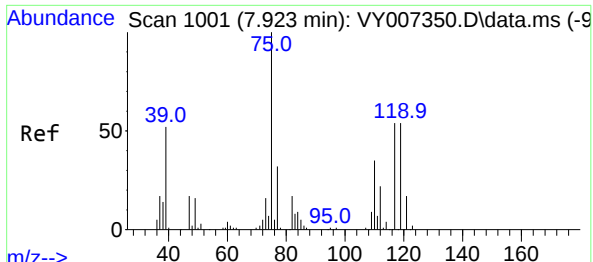
Delta R.T. 0.000 min

Lab File: VY007482.D

Acq: 11 Feb 2022 17:19

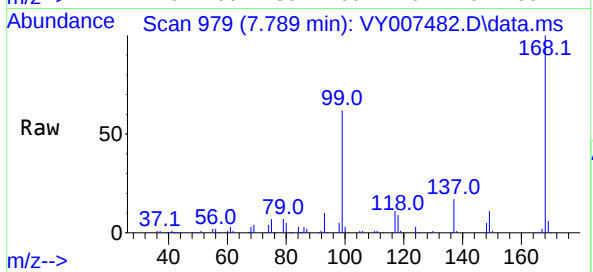
Tgt Ion:	113	Resp:	64352
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	18.6	17.6	26.4



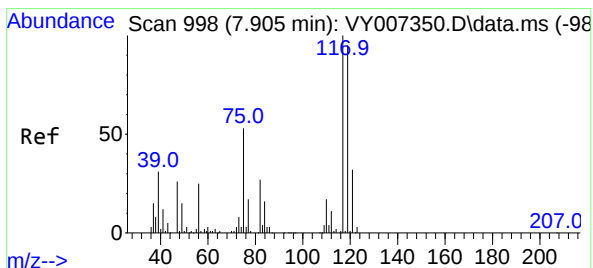
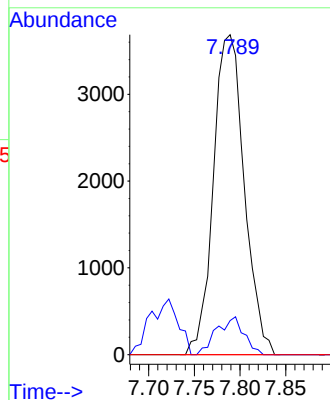
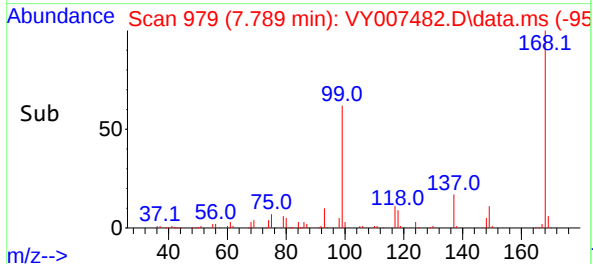


#36
1,1-Dichloropropene
Concen: 3.877 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

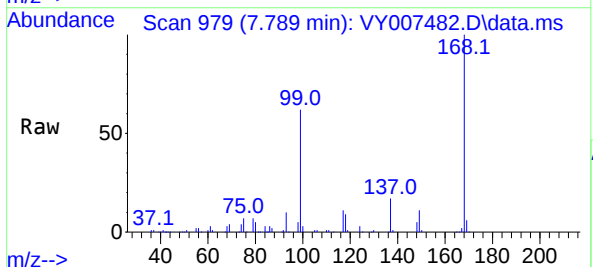
Instrument :
MSVOA_Y
ClientSampleId :



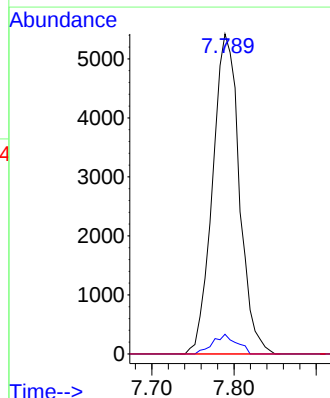
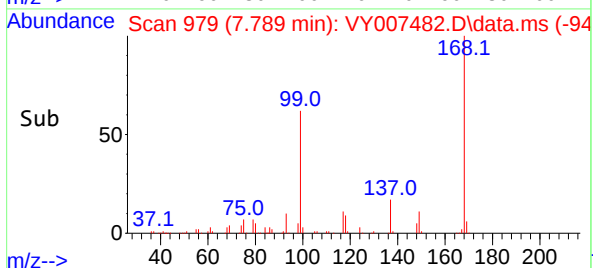
Tgt Ion: 75 Resp: 8674
Ion Ratio Lower Upper
75 100
110 10.5 17.1 51.2#
77 0.0 24.4 36.6#

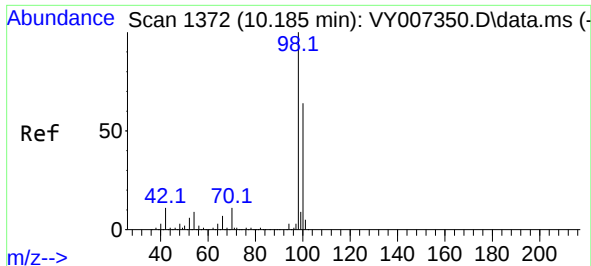


#38
Carbon Tetrachloride
Concen: 5.219 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19



Tgt Ion: 117 Resp: 12267
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#

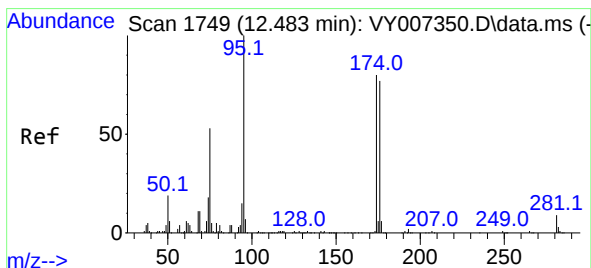
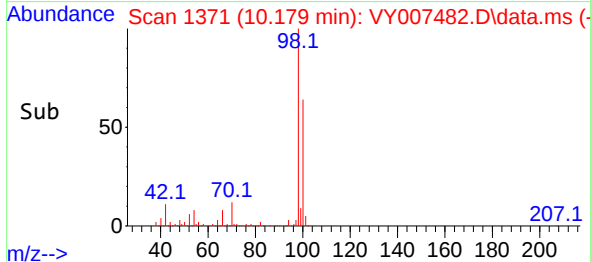
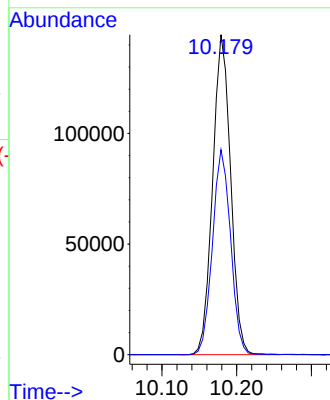
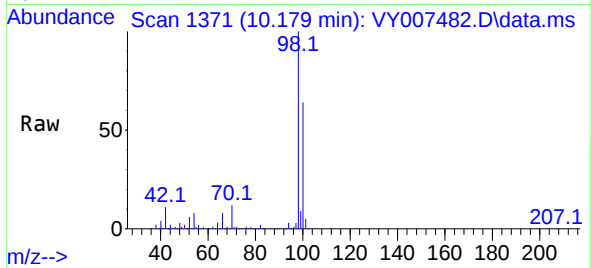




#50
Toluene-d8
Concen: 51.123 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

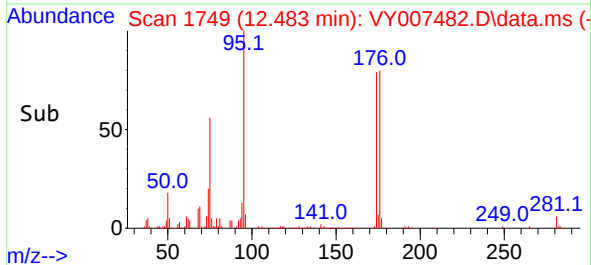
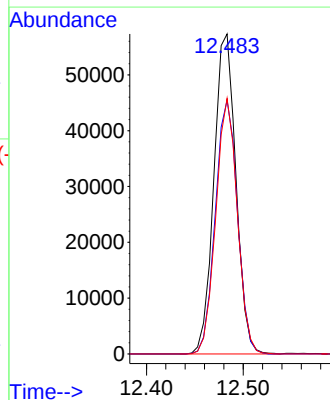
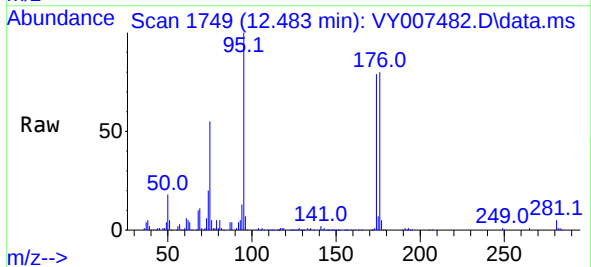
Instrument :
MSVOA_Y
ClientSampleId :

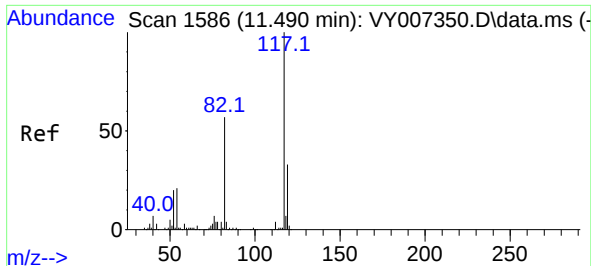
Tgt Ion: 98 Resp: 241726
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Tgt Ion: 95 Resp: 90590
Ion Ratio Lower Upper
95 100
174 79.5 0.0 177.0
176 77.8 0.0 175.8

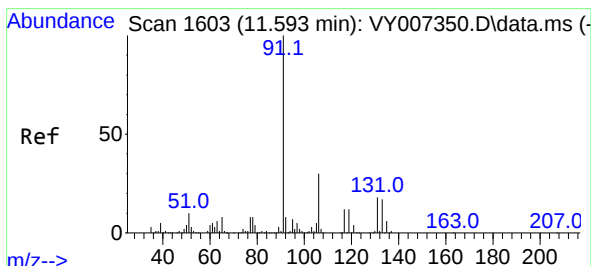
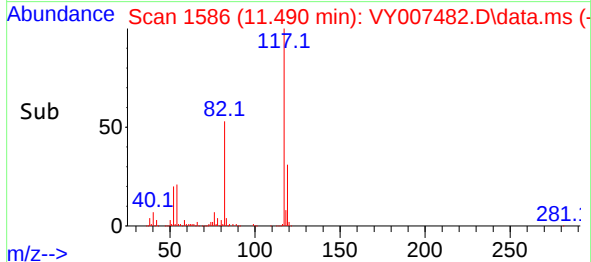
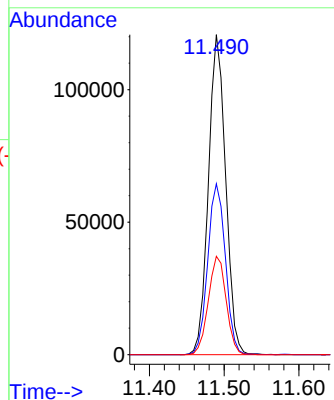
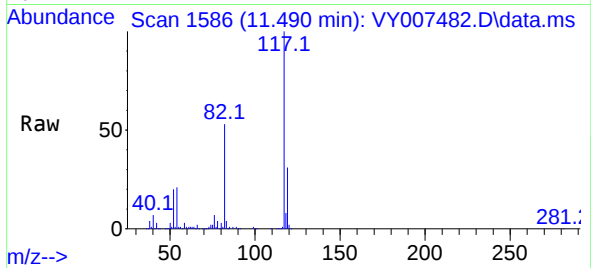




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

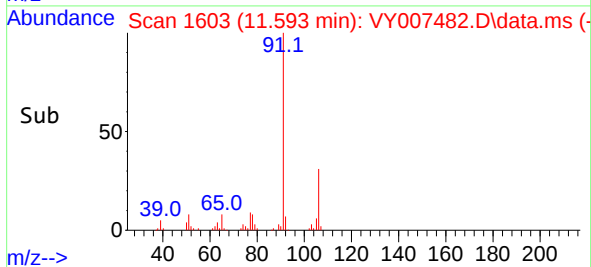
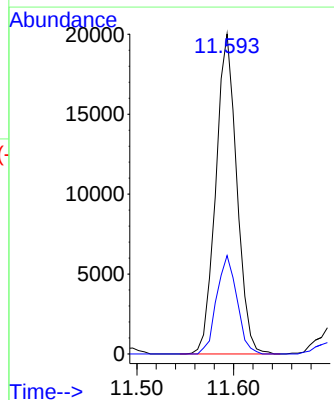
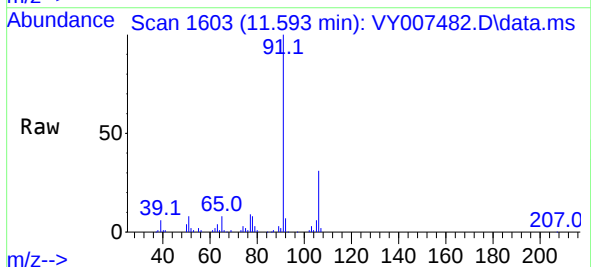
Instrument :
MSVOA_Y
ClientSampleId :

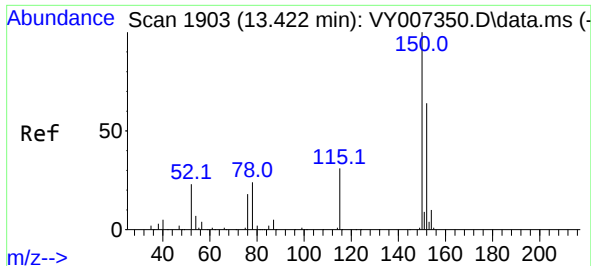
Tgt Ion:117 Resp: 193586
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 30.8 25.4 38.0



#67
Ethyl Benzene
Concen: 3.691 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

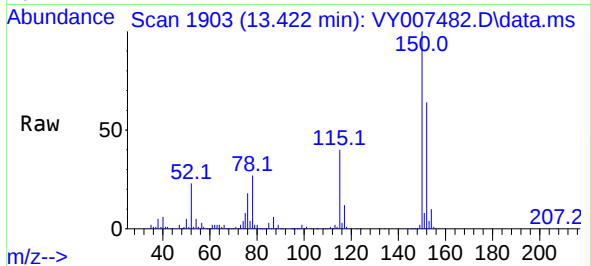
Tgt Ion: 91 Resp: 30161
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7



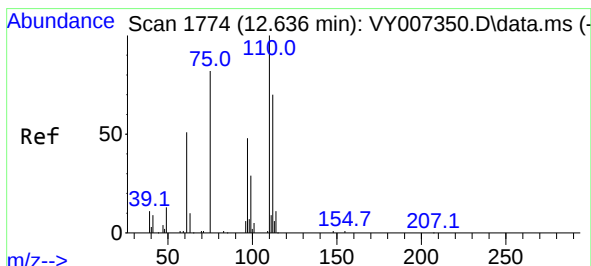
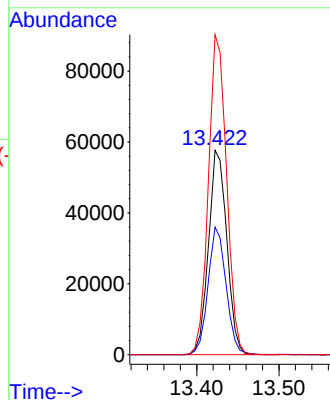
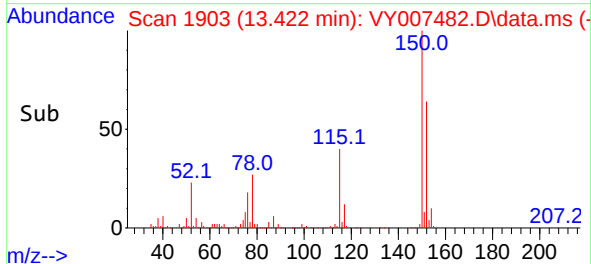


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007482.D
 Acq: 11 Feb 2022 17:19

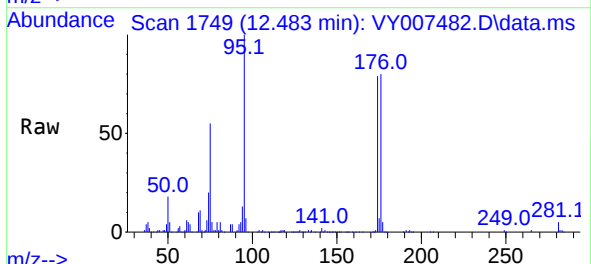
Instrument :
 MSVOA_Y
 ClientSampleId :



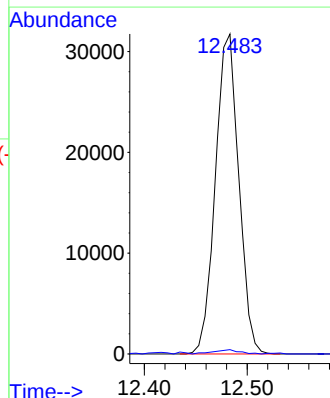
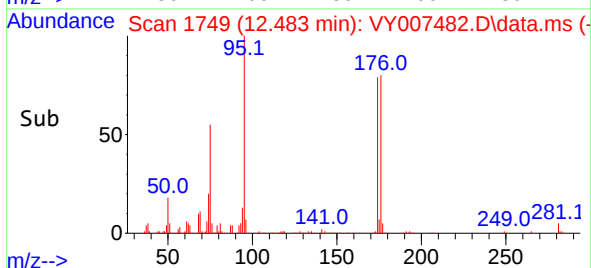
Tgt Ion:152 Resp: 89258
 Ion Ratio Lower Upper
 152 100
 115 61.5 28.2 84.7
 150 155.0 0.0 347.6

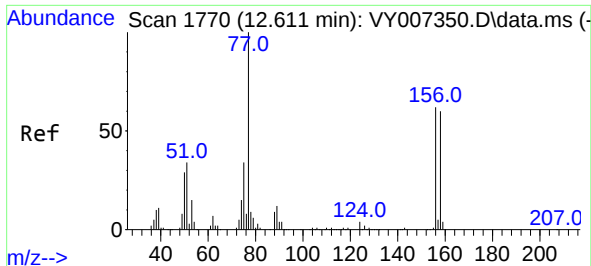


#76
 1,2,3-Trichloropropane
 Concen: 47.238 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007482.D
 Acq: 11 Feb 2022 17:19



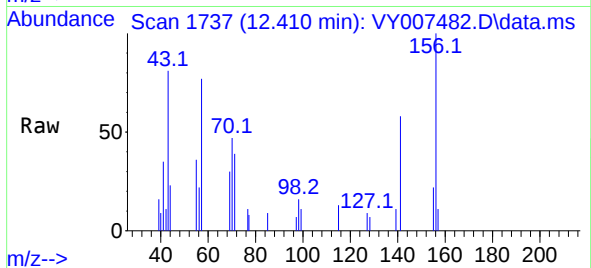
Tgt Ion: 75 Resp: 50125
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



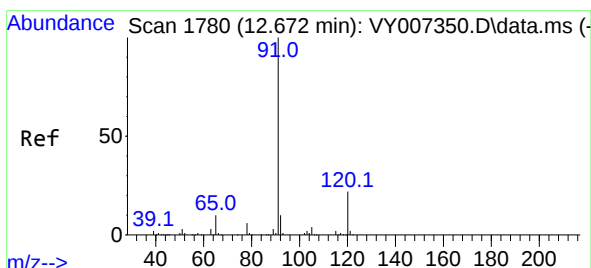
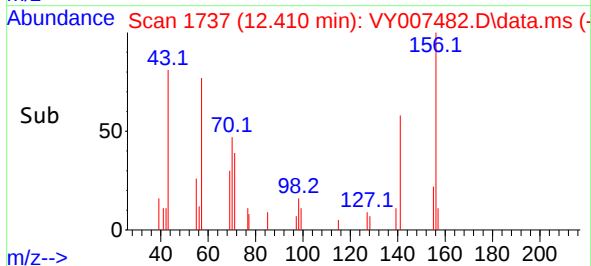
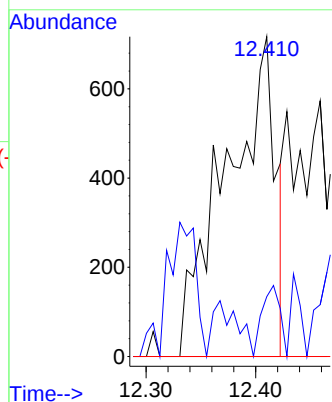


#77
Bromobenzene
Concen: 1.294 ug/l
RT: 12.410 min Scan# 1770
Delta R.T. -0.201 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :

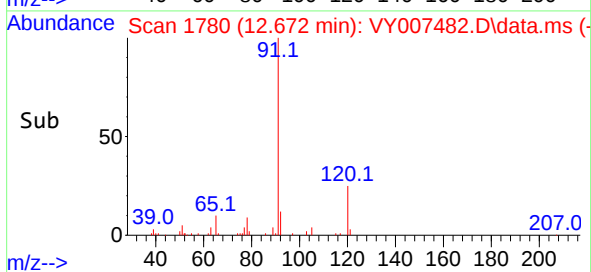
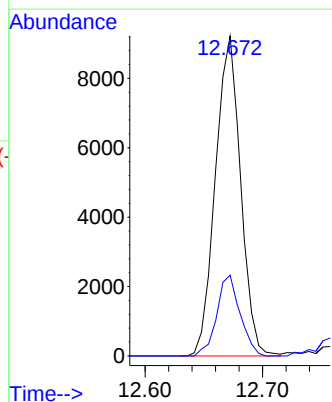
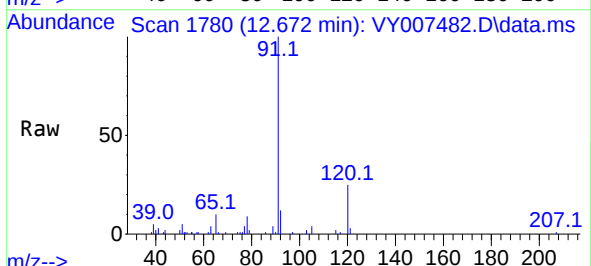


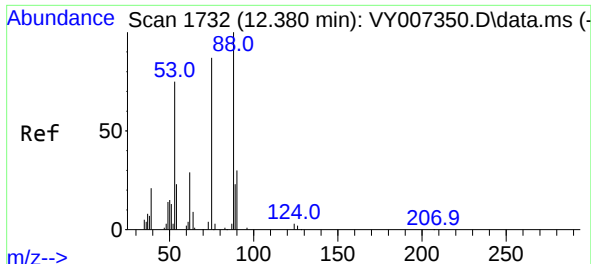
Tgt Ion:156 Resp: 2223
Ion Ratio Lower Upper
156 100
77 8.1 95.5 286.4#
158 0.0 48.0 144.0#



#78
n-propylbenzene
Concen: 1.392 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Tgt Ion: 91 Resp: 13756
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.9

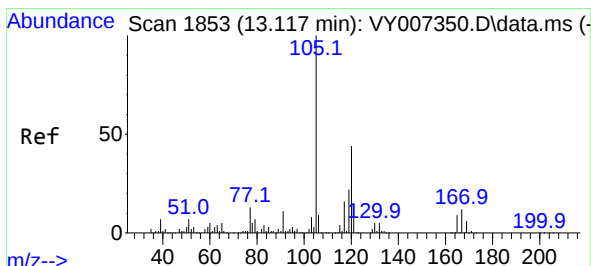
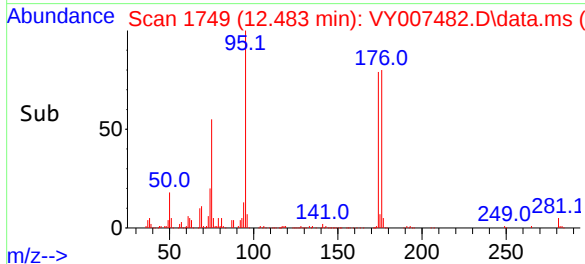
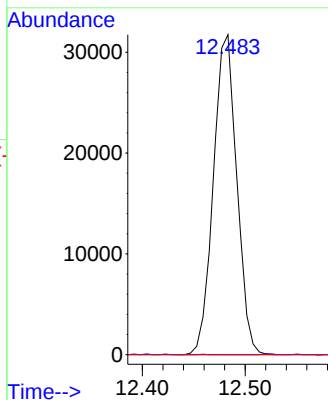
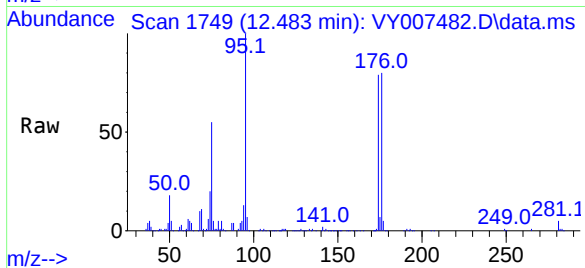




#81
trans-1,4-Dichloro-2-butene
Concen: 94.638 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

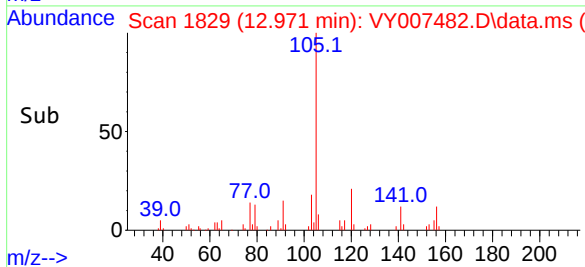
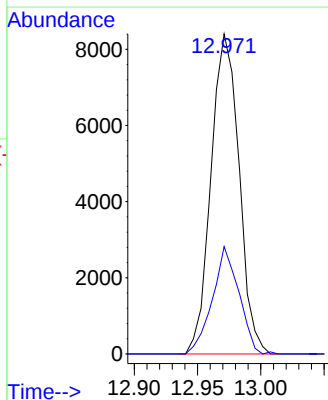
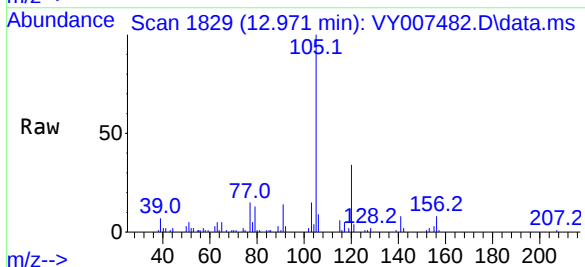
Instrument :
MSVOA_Y
ClientSampleId :

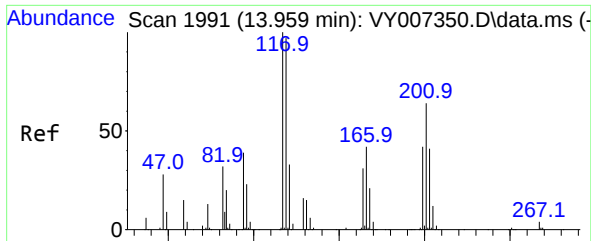
Tgt Ion: 75 Resp: 50125
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.975 ug/l
RT: 12.971 min Scan# 1829
Delta R.T. -0.146 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Tgt Ion: 105 Resp: 12939
Ion Ratio Lower Upper
105 100
120 31.8 22.3 66.9

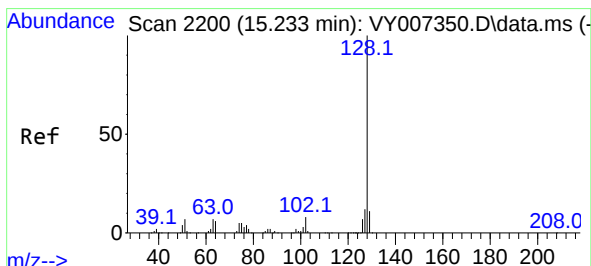
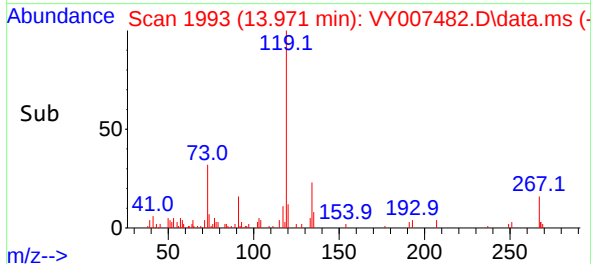
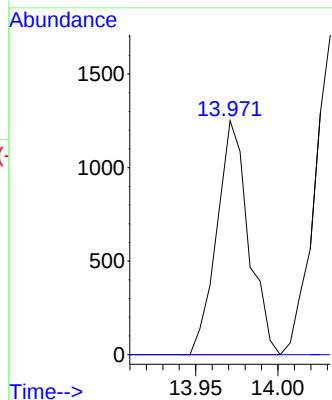
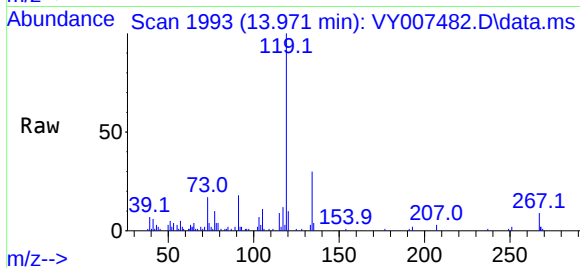




#90
Hexachloroethane
Concen: 1.256 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 1680
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#95
Naphthalene
Concen: 8.190 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Tgt Ion:128 Resp: 29559
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 11.8 8.4 12.6

