

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007864.D
 Acq On : 11 Mar 2022 18:57
 Operator : SY/MD
 Sample : N1864-14
 Misc : 6.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B1-030922-5-6

Quant Time: Mar 11 23:24:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

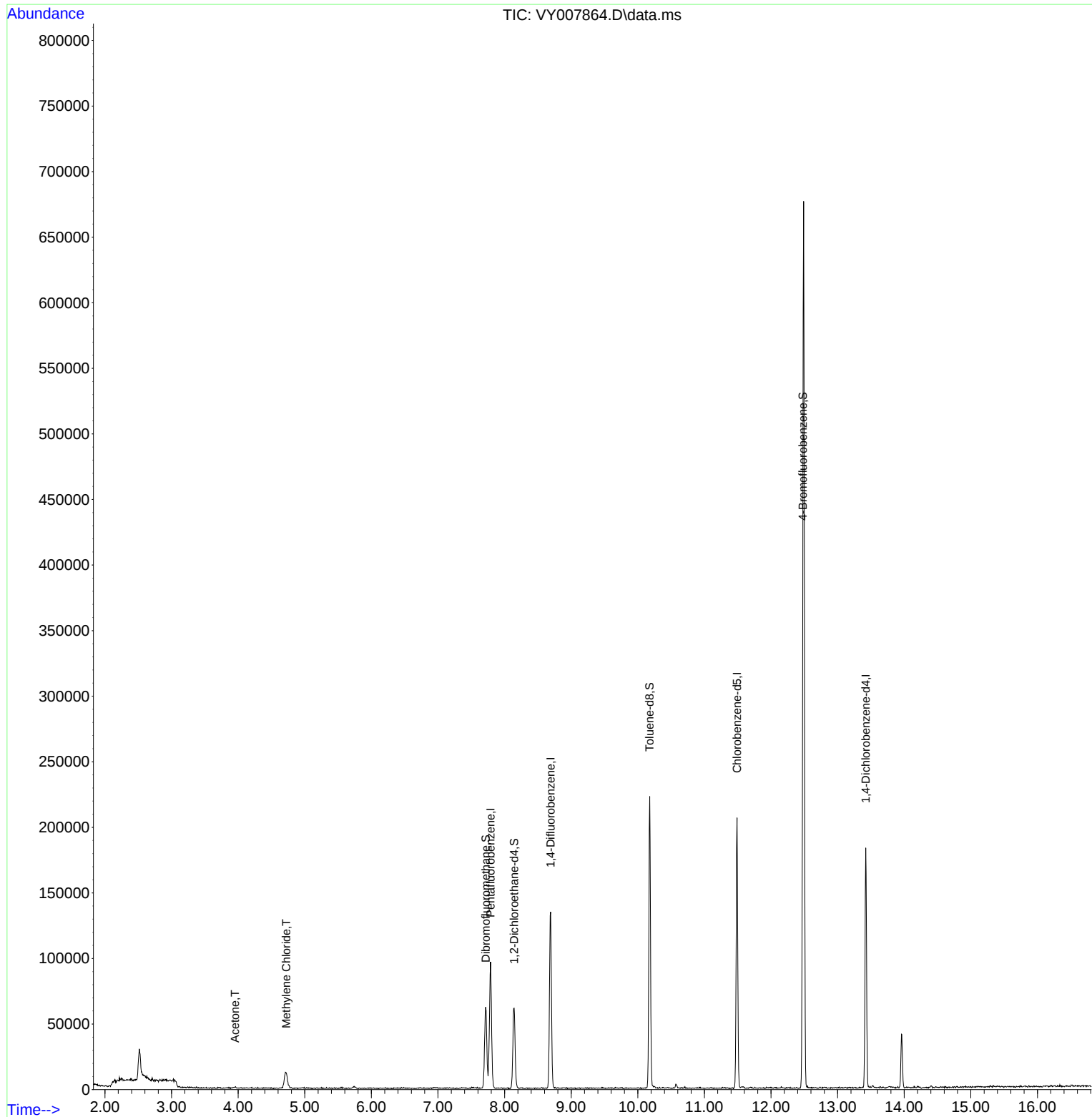
Internal Standards						
1) Pentafluorobenzene	7.789	168	68769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	113809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	104184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48508	67.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.760%	
35) Dibromofluoromethane	7.716	113	42353	58.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.420%	
50) Toluene-d8	10.179	98	139632	52.133	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.477	95	40295	46.672	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.340%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1572	10.733	ug/l #	67
20) Methylene Chloride	4.723	84	9591	10.178	ug/l #	69

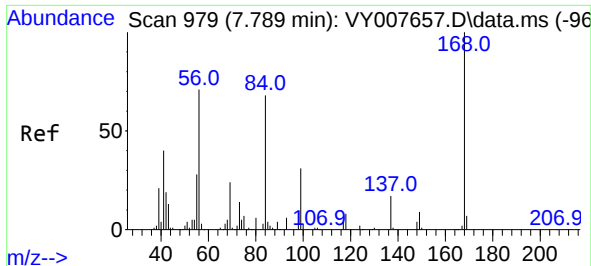
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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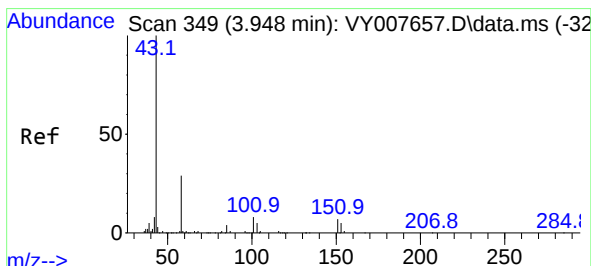
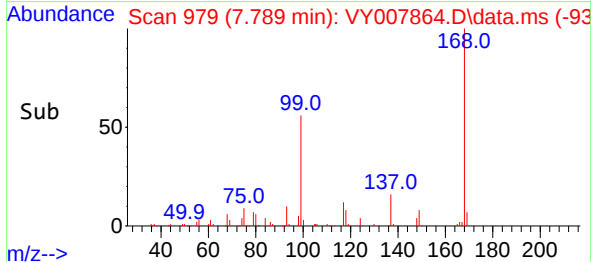
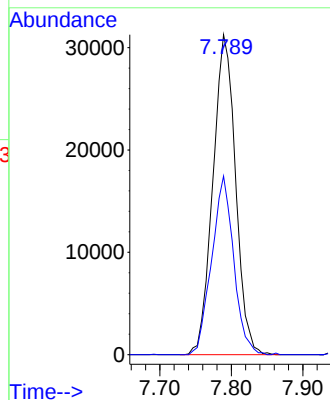
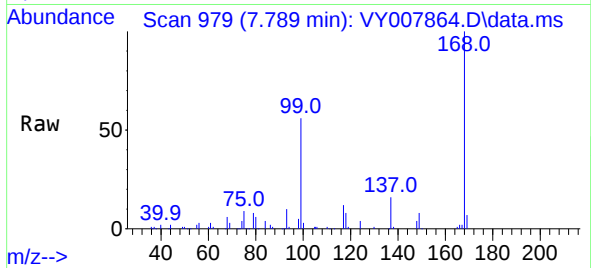




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

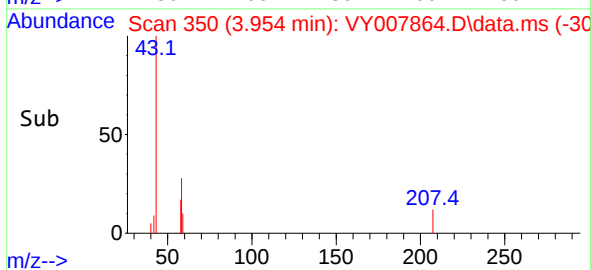
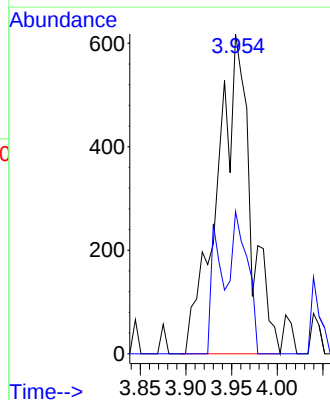
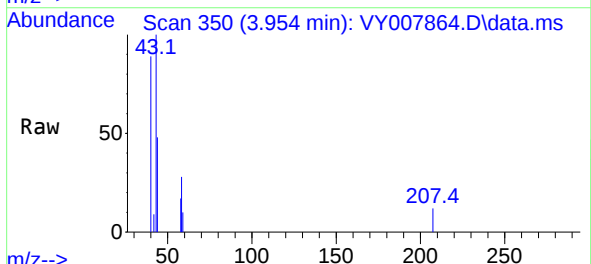
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6

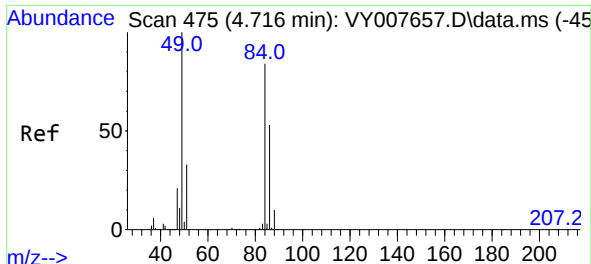
Tgt Ion:168 Resp: 68769
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#16
Acetone
Concen: 10.733 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
58 44.5 22.0 33.0#



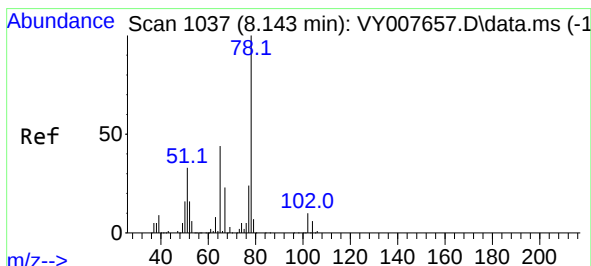
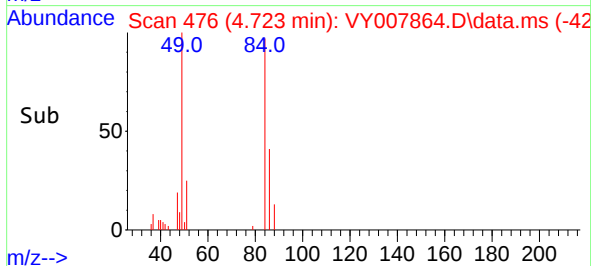
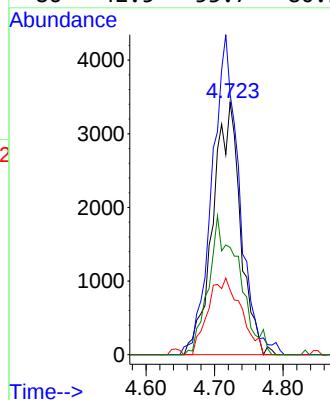
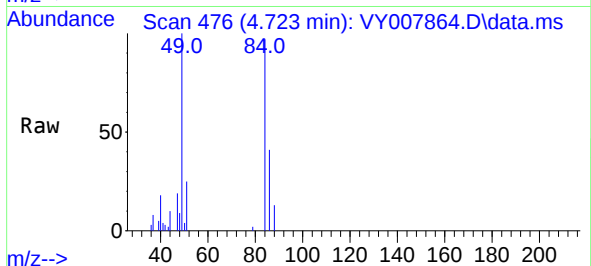


#20
Methylene Chloride
Concen: 10.178 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6

Tgt Ion: 84 Resp: 9591

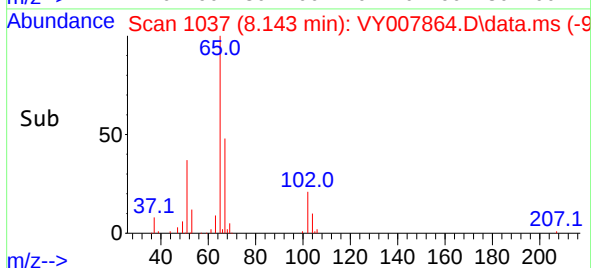
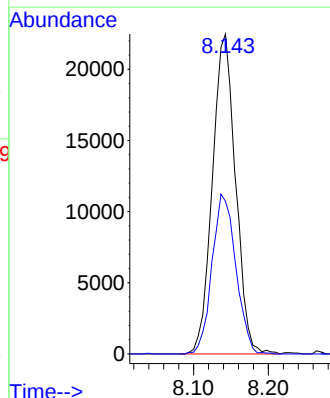
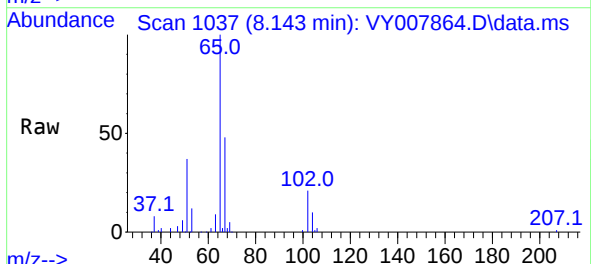
Ion	Ratio	Lower	Upper
84	100		
49	103.3	114.4	171.6#
51	25.6	35.3	52.9#
86	42.5	53.7	80.5#

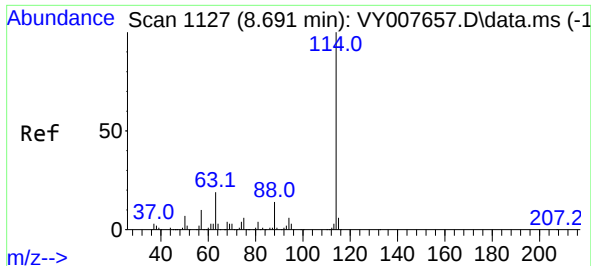


#33
1,2-Dichloroethane-d4
Concen: 67.377 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion: 65 Resp: 48508

Ion	Ratio	Lower	Upper
65	100		
67	51.3	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: VY007864.D

Acq: 11 Mar 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

MB-B1-030922-5-6

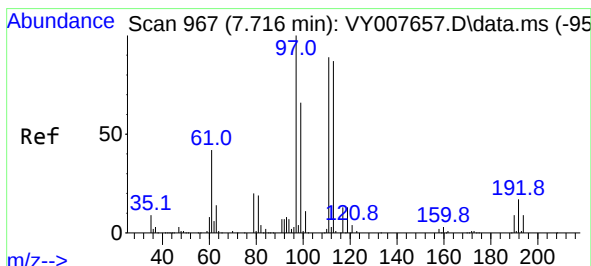
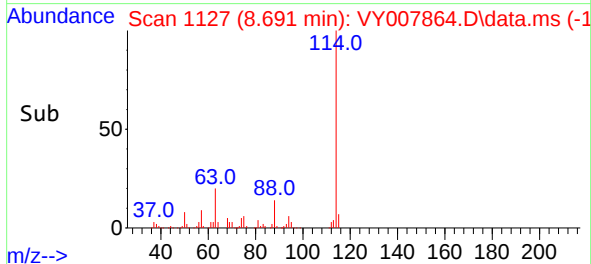
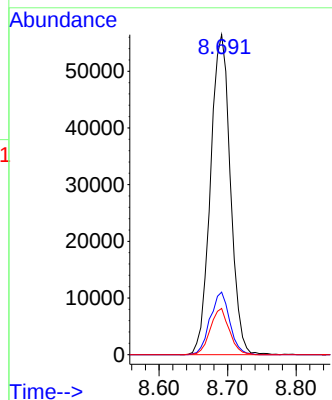
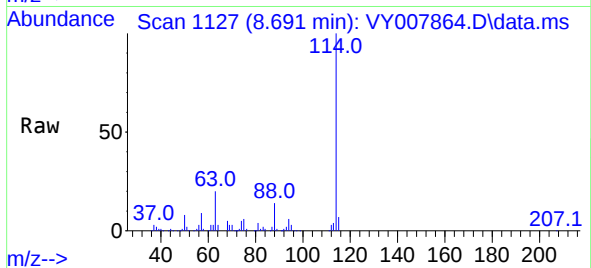
Tgt Ion:114 Resp: 113809

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.208 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007864.D

Acq: 11 Mar 2022 18:57

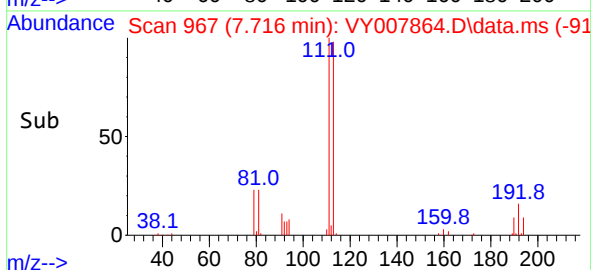
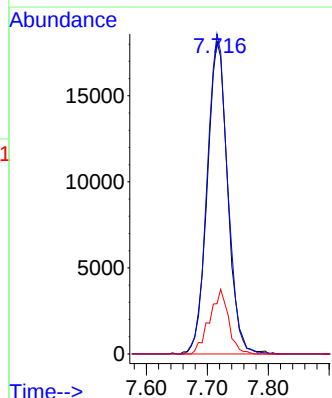
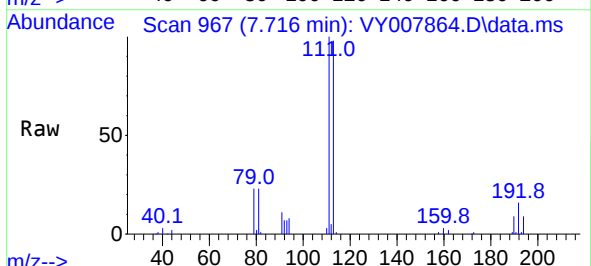
Tgt Ion:113 Resp: 42353

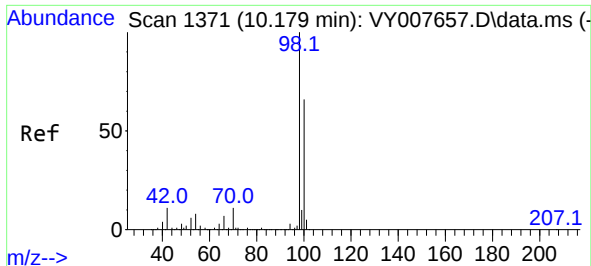
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 19.1 17.6 26.4

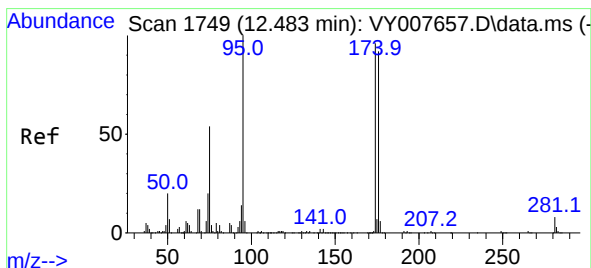
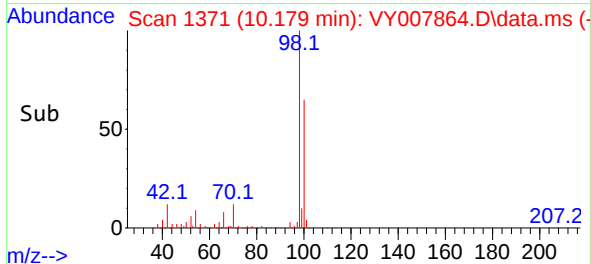
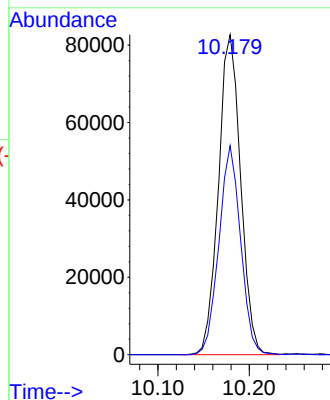
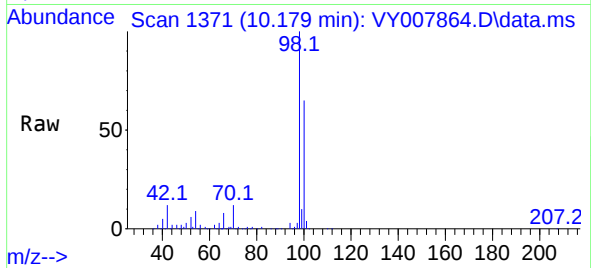




#50
Toluene-d8
Concen: 52.133 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

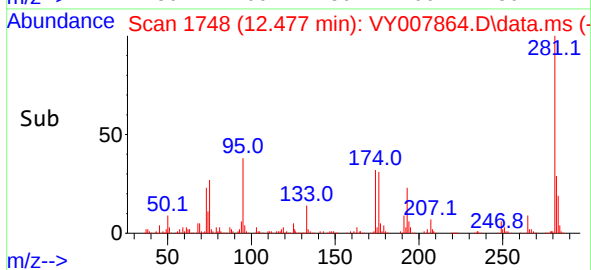
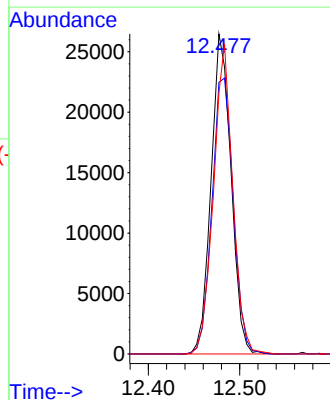
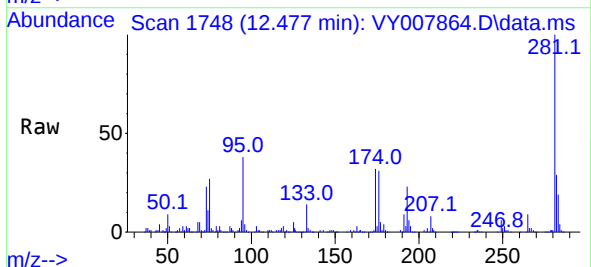
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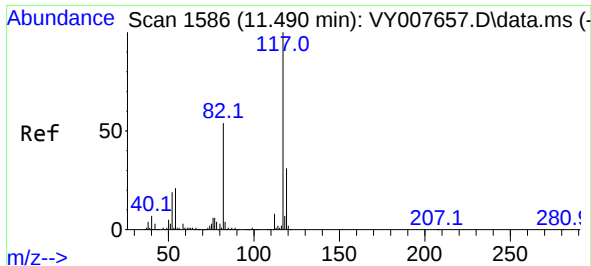
Tgt Ion: 98 Resp: 139632
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.672 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion: 95 Resp: 40295
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 93.7 0.0 175.8

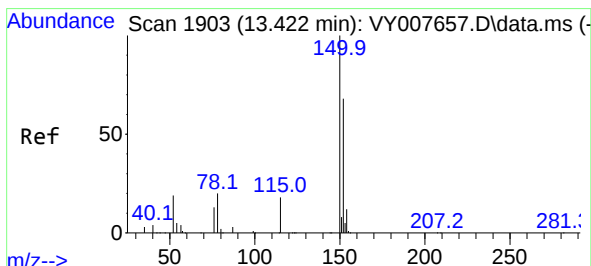
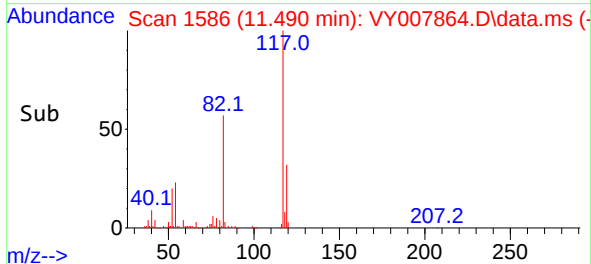
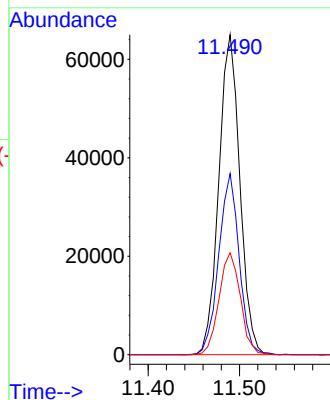
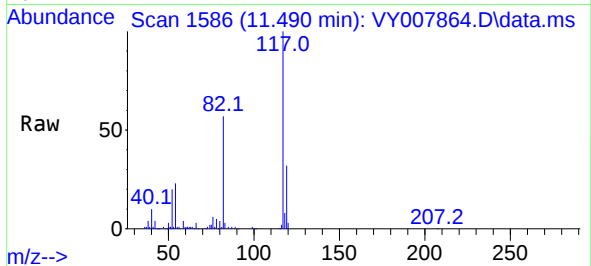




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6

Tgt Ion:117 Resp: 104184
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007864.D
Acq: 11 Mar 2022 18:57

Tgt Ion:152 Resp: 44592
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 156.4 0.0 347.6

