

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007987.D
 Acq On : 22 Mar 2022 05:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 22 06:57:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	231421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	433125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	405372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	142686	54.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.160%	
35) Dibromofluoromethane	7.716	113	135791	44.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.280%	
50) Toluene-d8	10.179	98	534341	59.263	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.520%	
62) 4-Bromofluorobenzene	12.483	95	186473	42.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.420%	

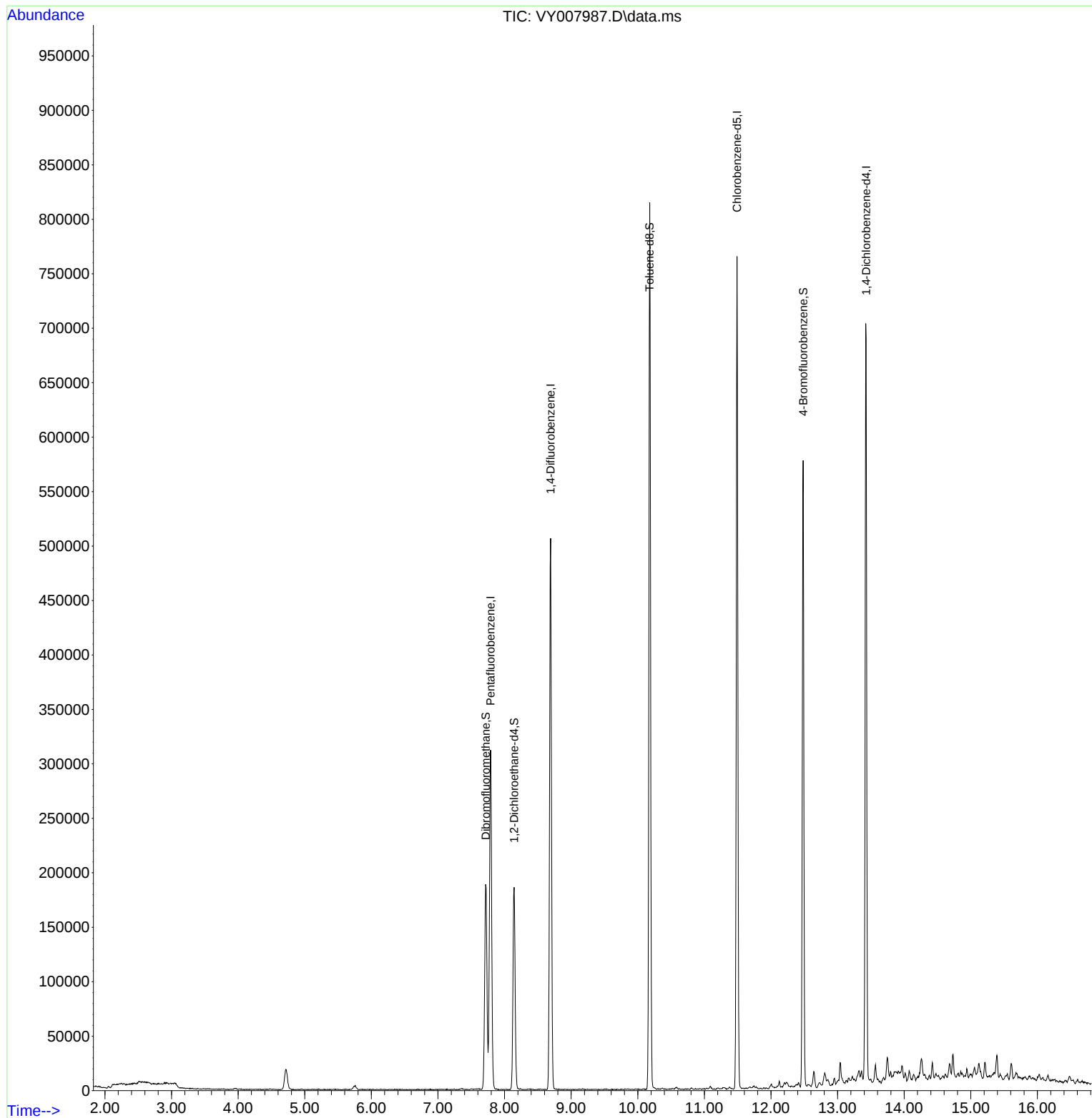
Target Compounds	Qvalue

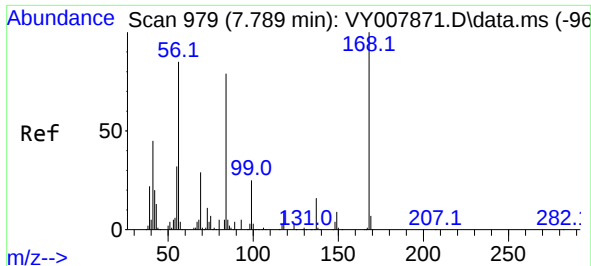
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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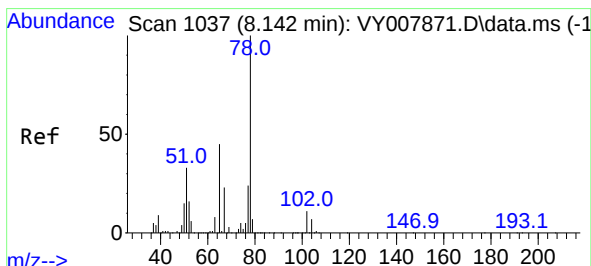
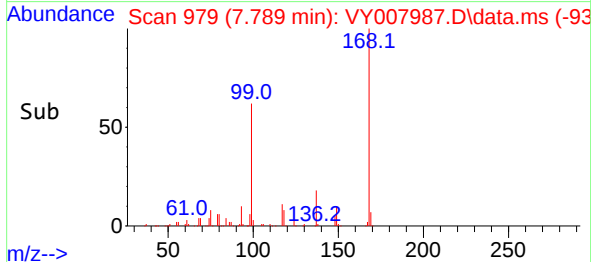
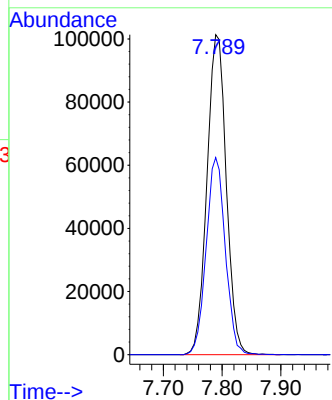
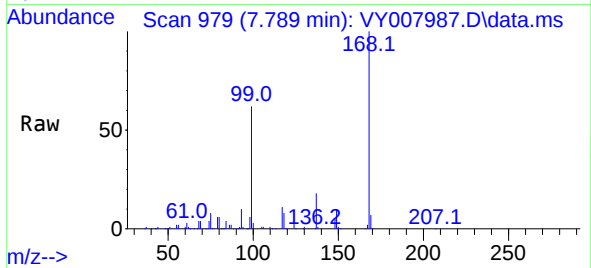




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

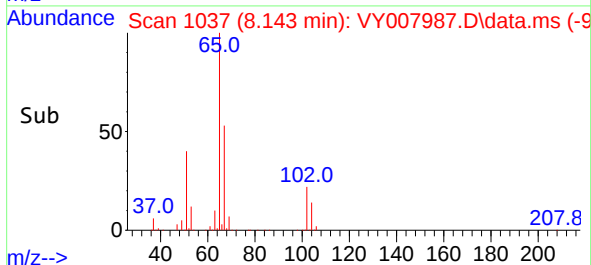
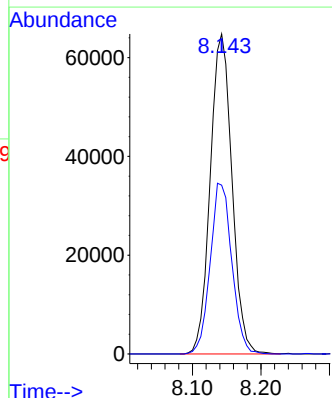
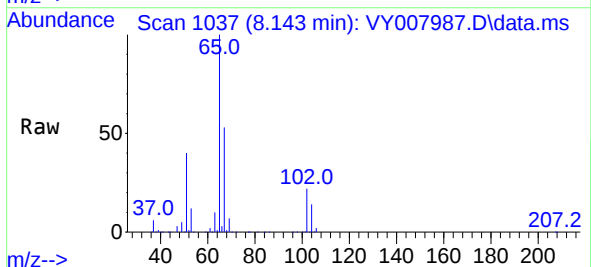
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

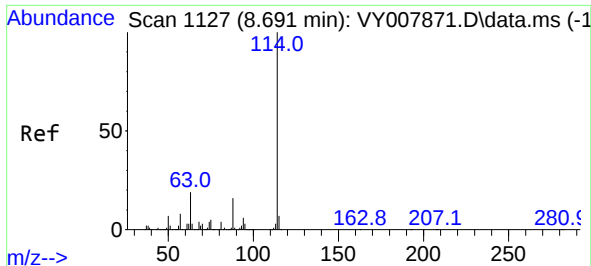
Tgt Ion:168 Resp: 231421
Ion Ratio Lower Upper
168 100
99 61.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.076 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Tgt Ion: 65 Resp: 142686
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4

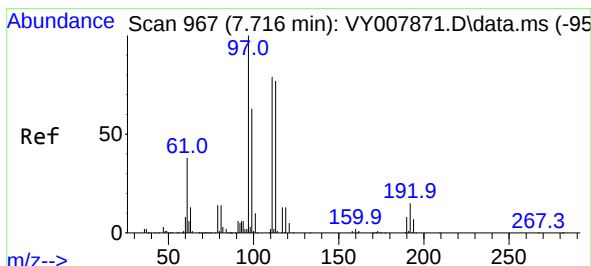
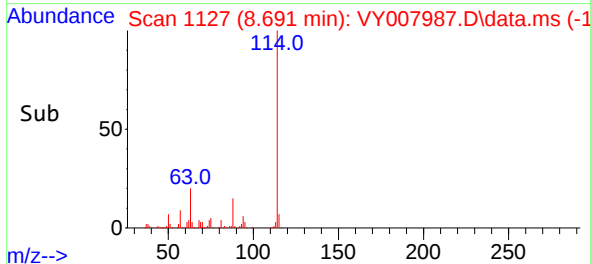
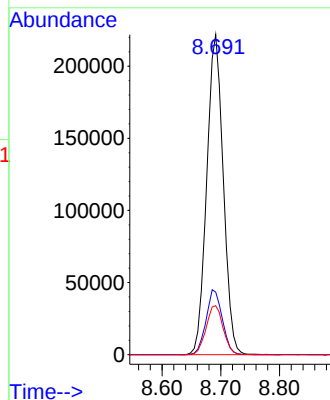
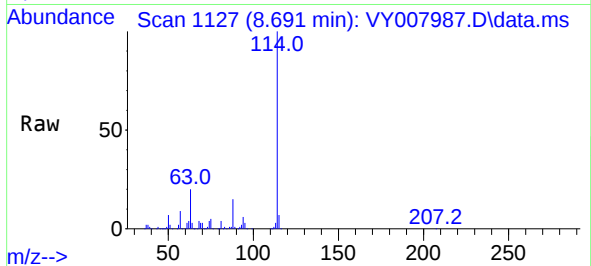




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

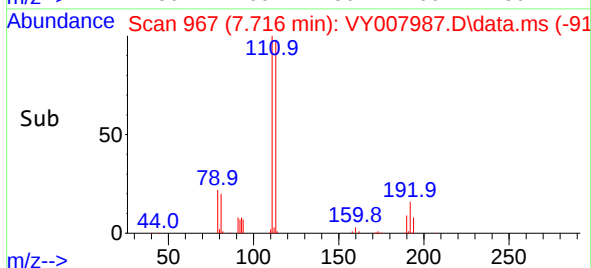
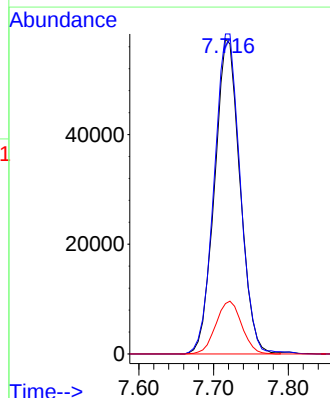
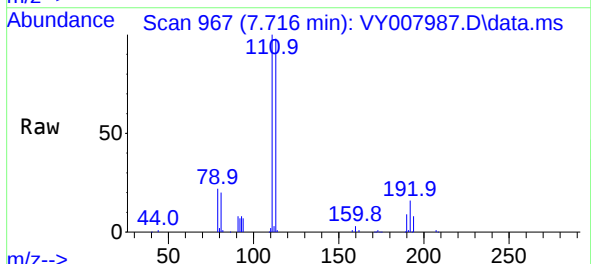
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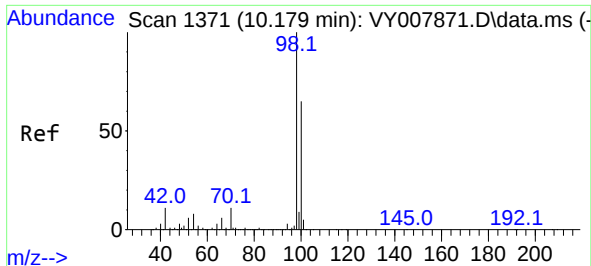
Tgt Ion:114 Resp: 433125
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.642 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Tgt Ion:113 Resp: 135791
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.0 17.6 26.4#

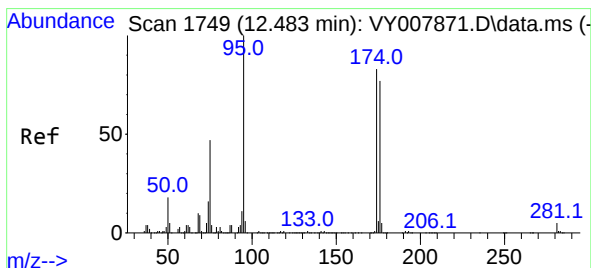
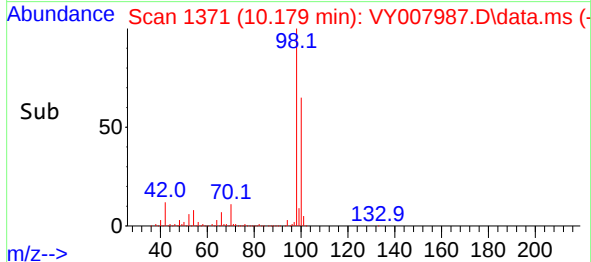
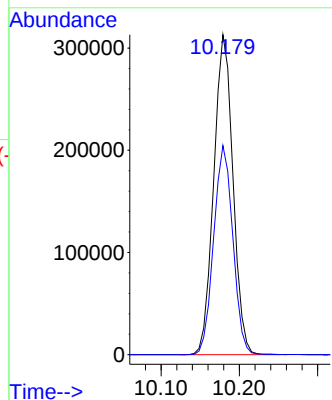
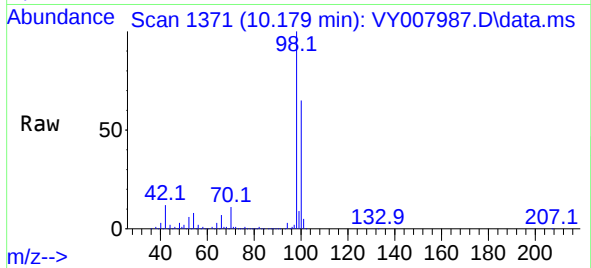




#50
Toluene-d8
Concen: 59.263 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

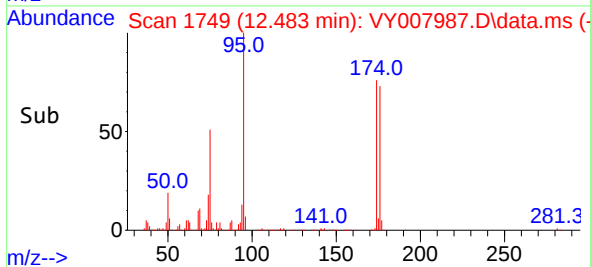
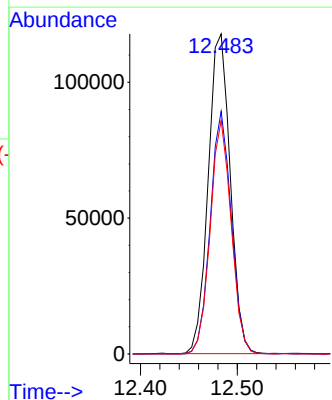
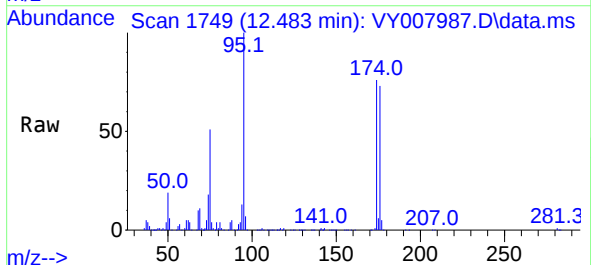
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

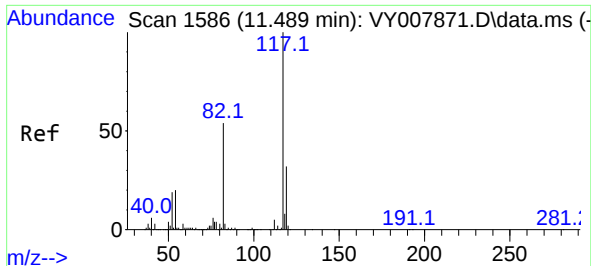
Tgt Ion: 98 Resp: 534341
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.715 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Tgt Ion: 95 Resp: 186473
Ion Ratio Lower Upper
95 100
174 72.7 0.0 177.0
176 69.4 0.0 175.8

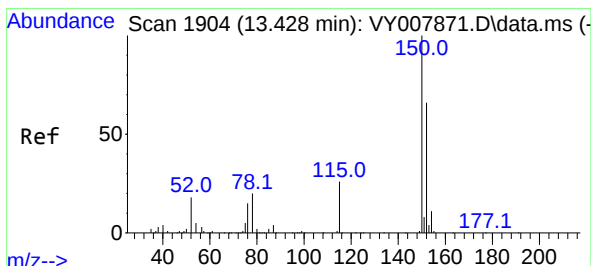
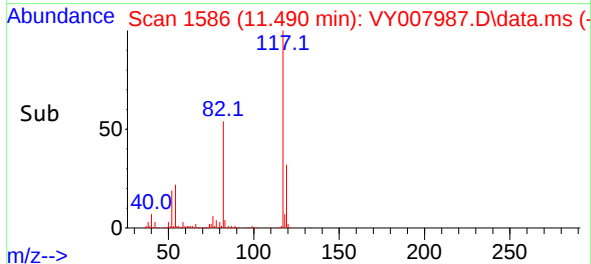
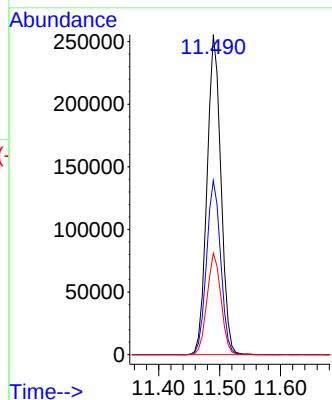
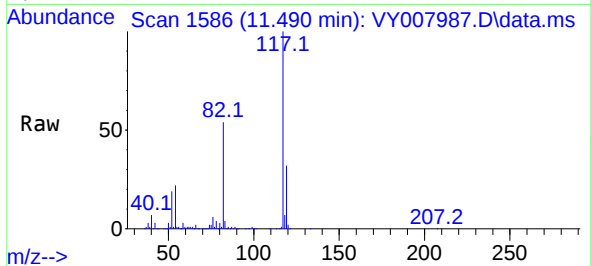




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 405372
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Tgt Ion:152 Resp: 171825
Ion Ratio Lower Upper
152 100
115 62.3 28.2 84.7
150 157.4 0.0 347.6

