

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007852.D
 Acq On : 11 Mar 2022 14:16
 Operator : SY/MD
 Sample : N1847-06
 Misc : 7.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B1-030722-0-1-BD

Quant Time: Mar 11 23:21:57 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)

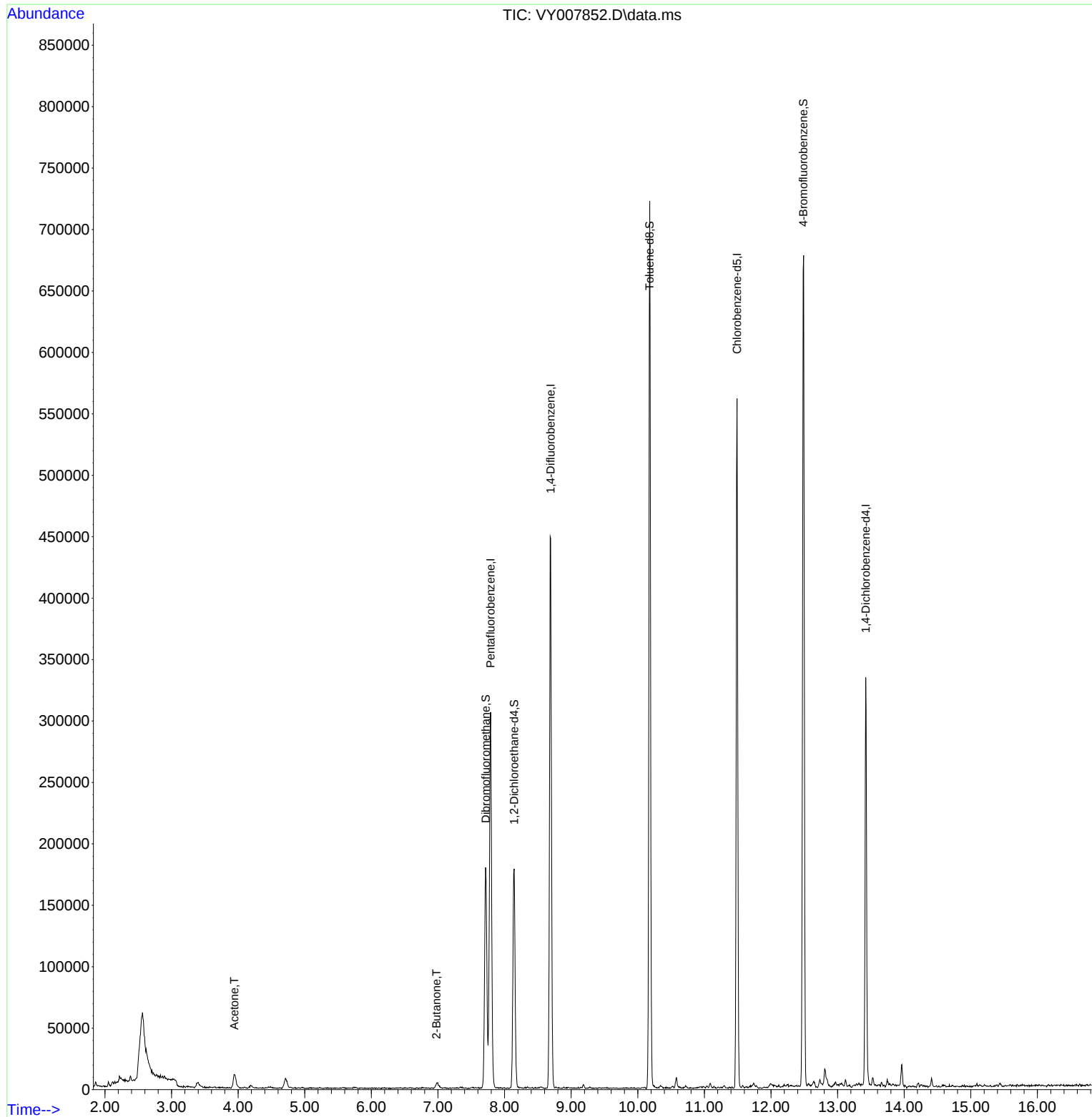
Internal Standards						
1) Pentafluorobenzene	7.789	168	227526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	376606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136936	57.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.980%
35) Dibromofluoromethane	7.716	113	125030	51.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.860%
50) Toluene-d8	10.179	98	454288	51.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.483	95	96016	33.608	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.220%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	19474	40.189	ug/l	98
25) 2-Butanone	6.978	43	7470	9.190	ug/l #	88

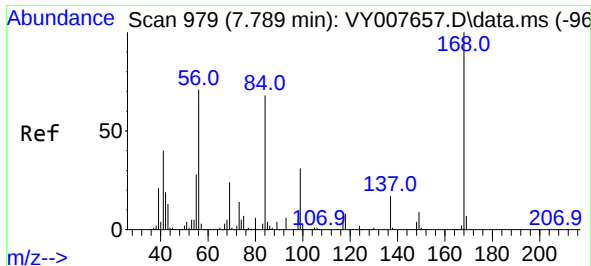
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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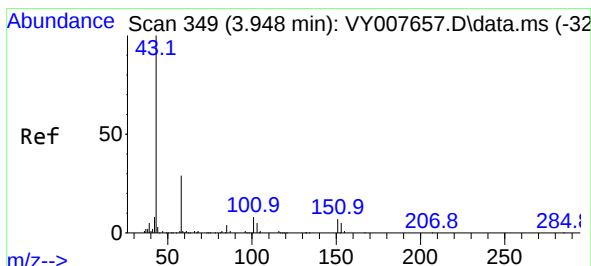
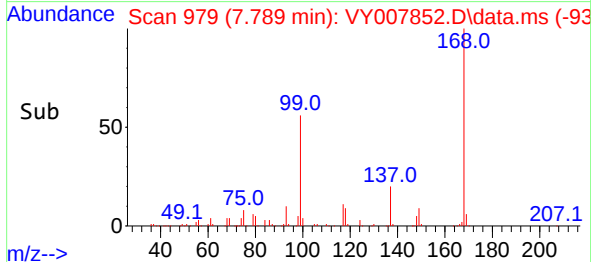
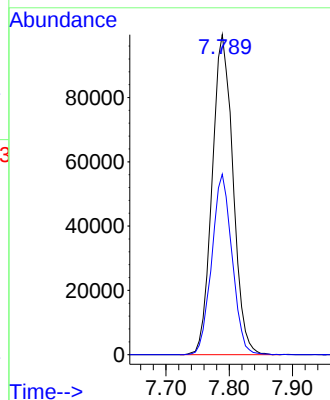
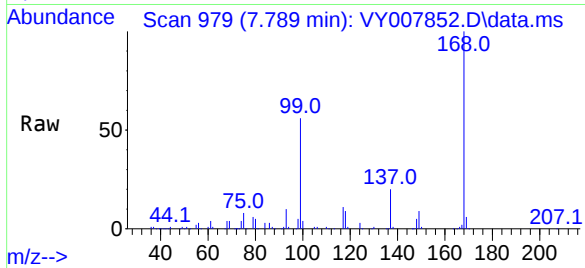




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

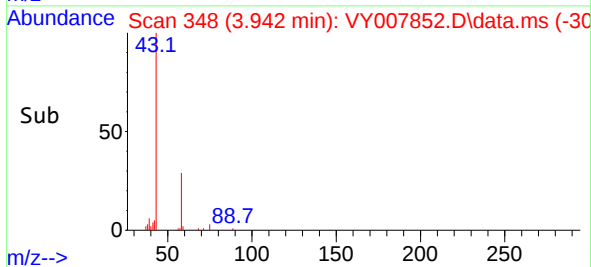
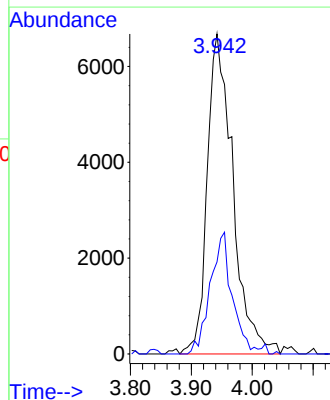
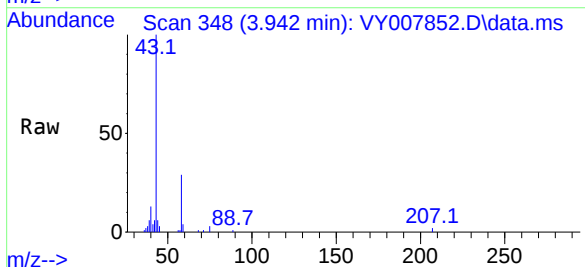
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-0-1-BD

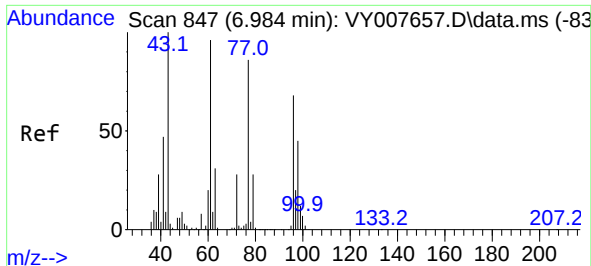
Tgt Ion:168 Resp: 227526
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#16
Acetone
Concen: 40.189 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion: 43 Resp: 19474
Ion Ratio Lower Upper
43 100
58 28.7 22.0 33.0

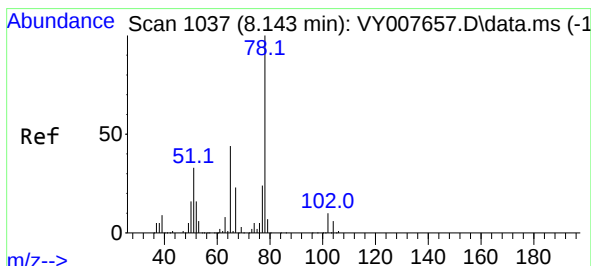
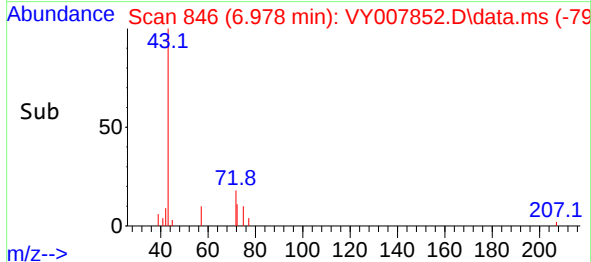
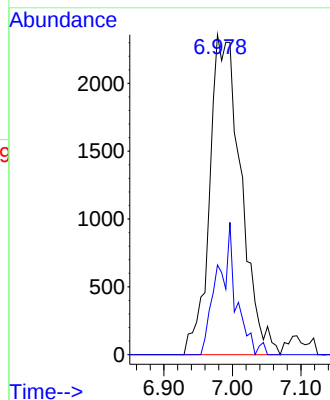
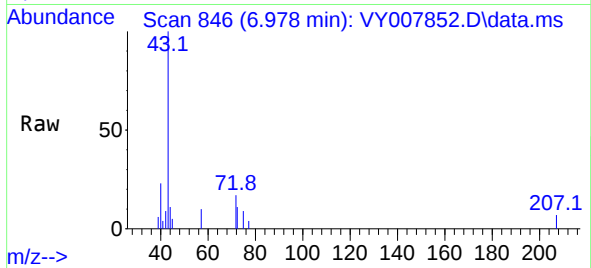




#25
2-Butanone
Concen: 9.190 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

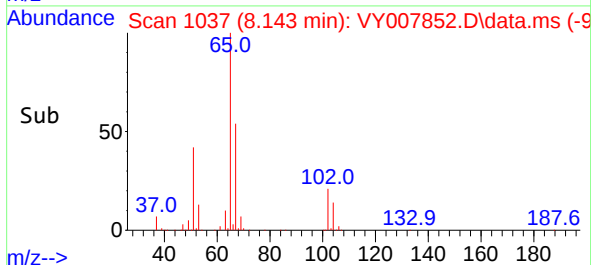
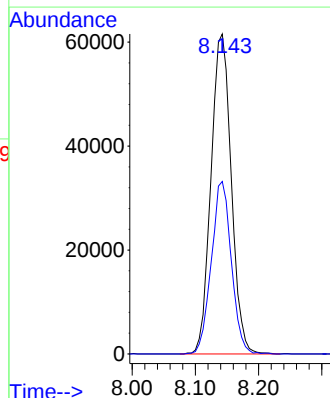
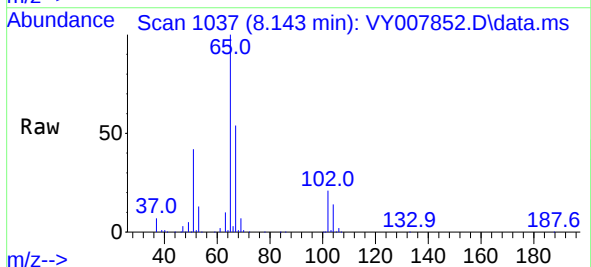
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-0-1-BD

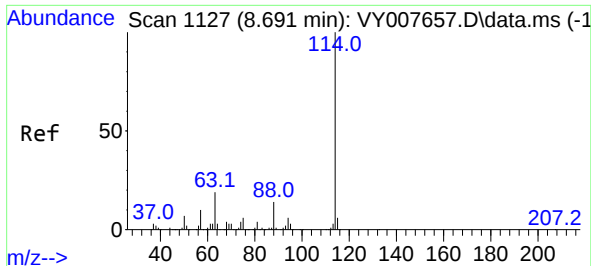
Tgt Ion: 43 Resp: 7470
Ion Ratio Lower Upper
43 100
72 28.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 57.488 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion: 65 Resp: 136936
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007852.D

Acq: 11 Mar 2022 14:16

Instrument :

MSVOA_Y

ClientSampleId :

CG-B1-030722-0-1-BD

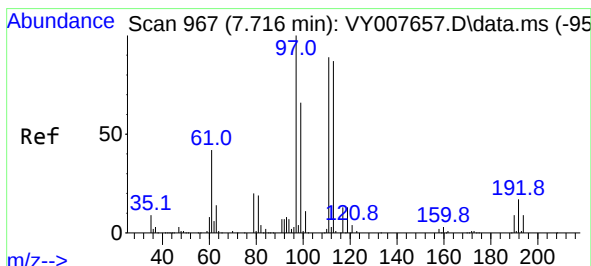
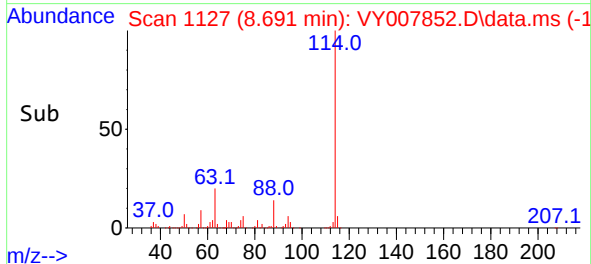
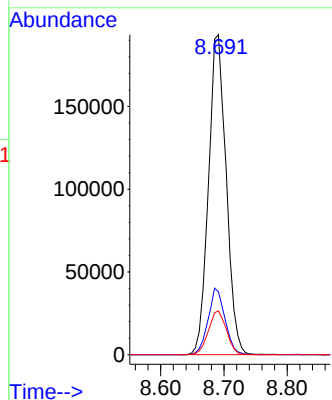
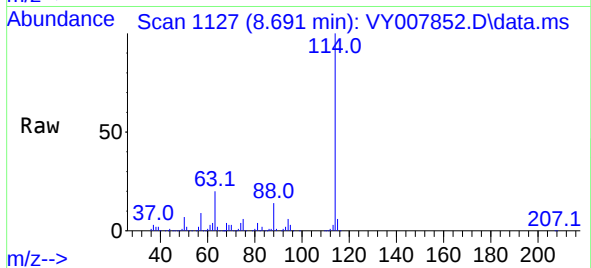
Tgt Ion:114 Resp: 376606

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.928 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007852.D

Acq: 11 Mar 2022 14:16

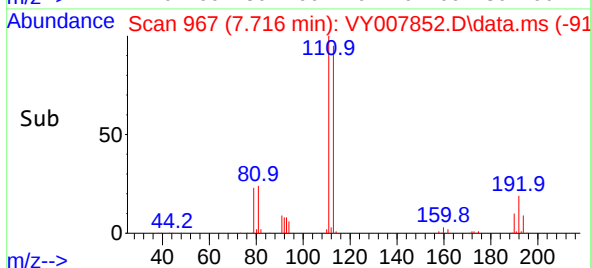
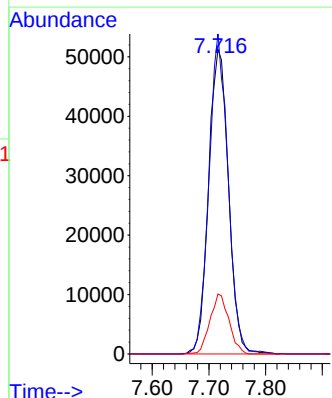
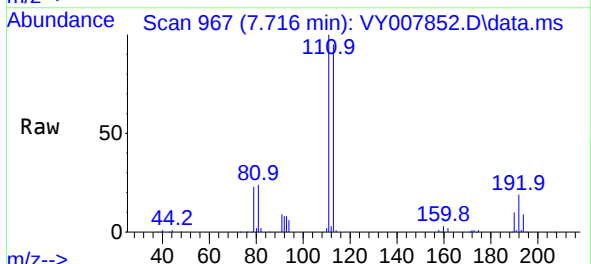
Tgt Ion:113 Resp: 125030

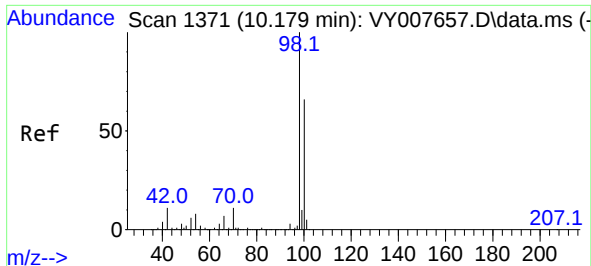
Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

192 18.8 17.6 26.4

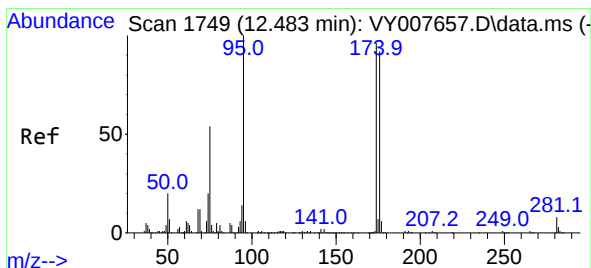
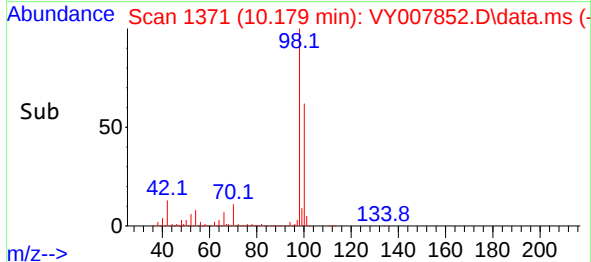
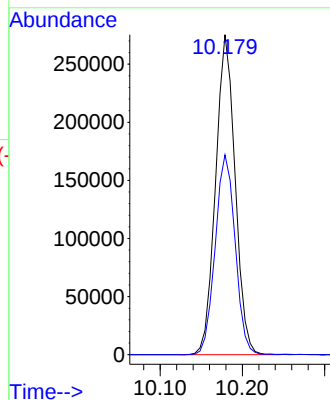
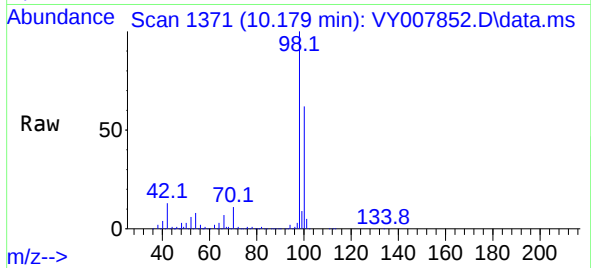




#50
Toluene-d8
Concen: 51.256 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

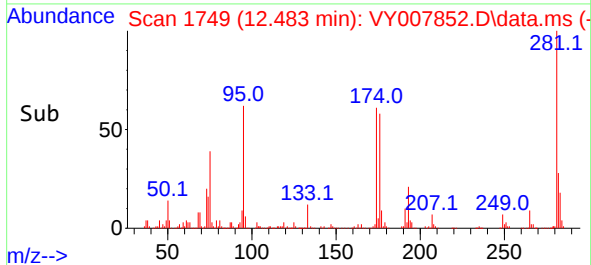
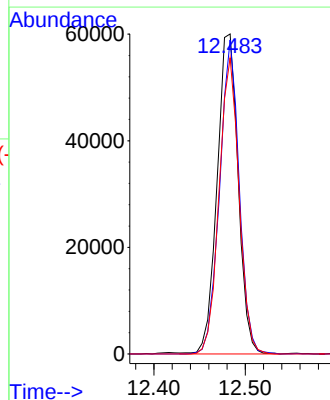
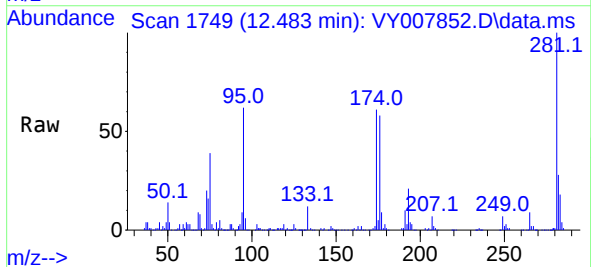
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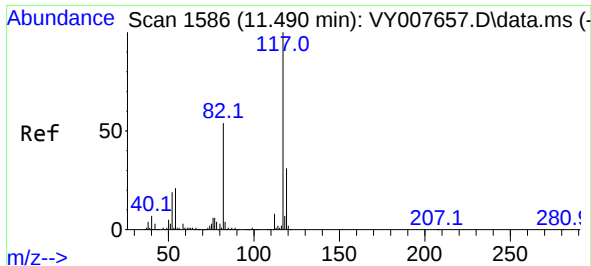
Tgt Ion: 98 Resp: 454288
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion: 95 Resp: 96016
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 87.7 0.0 175.8

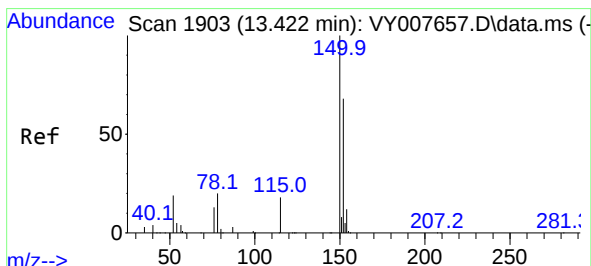
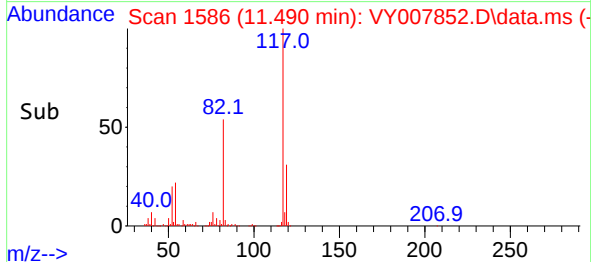
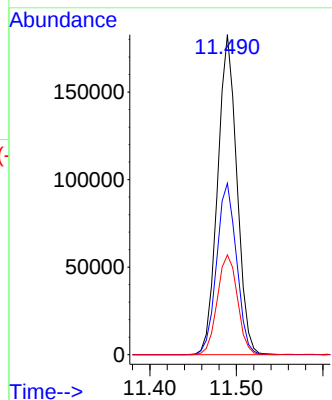
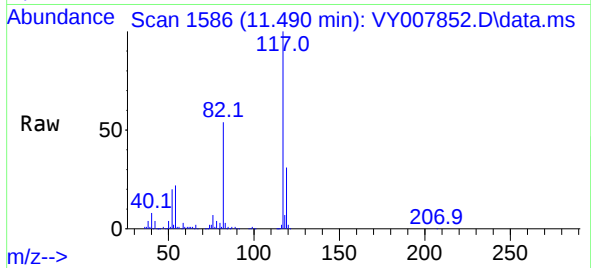




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007852.D
Acq: 11 Mar 2022 14:16

Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-0-1-BD

Tgt Ion:117 Resp: 282588
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.2 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: VY007852.D
Acq: 11 Mar 2022 14:16

Tgt Ion:152 Resp: 78174
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 165.2 0.0 347.6

