

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007858.D
 Acq On : 11 Mar 2022 16:37
 Operator : SY/MD
 Sample : N1864-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-0-1

Quant Time: Mar 11 23:23:19 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)

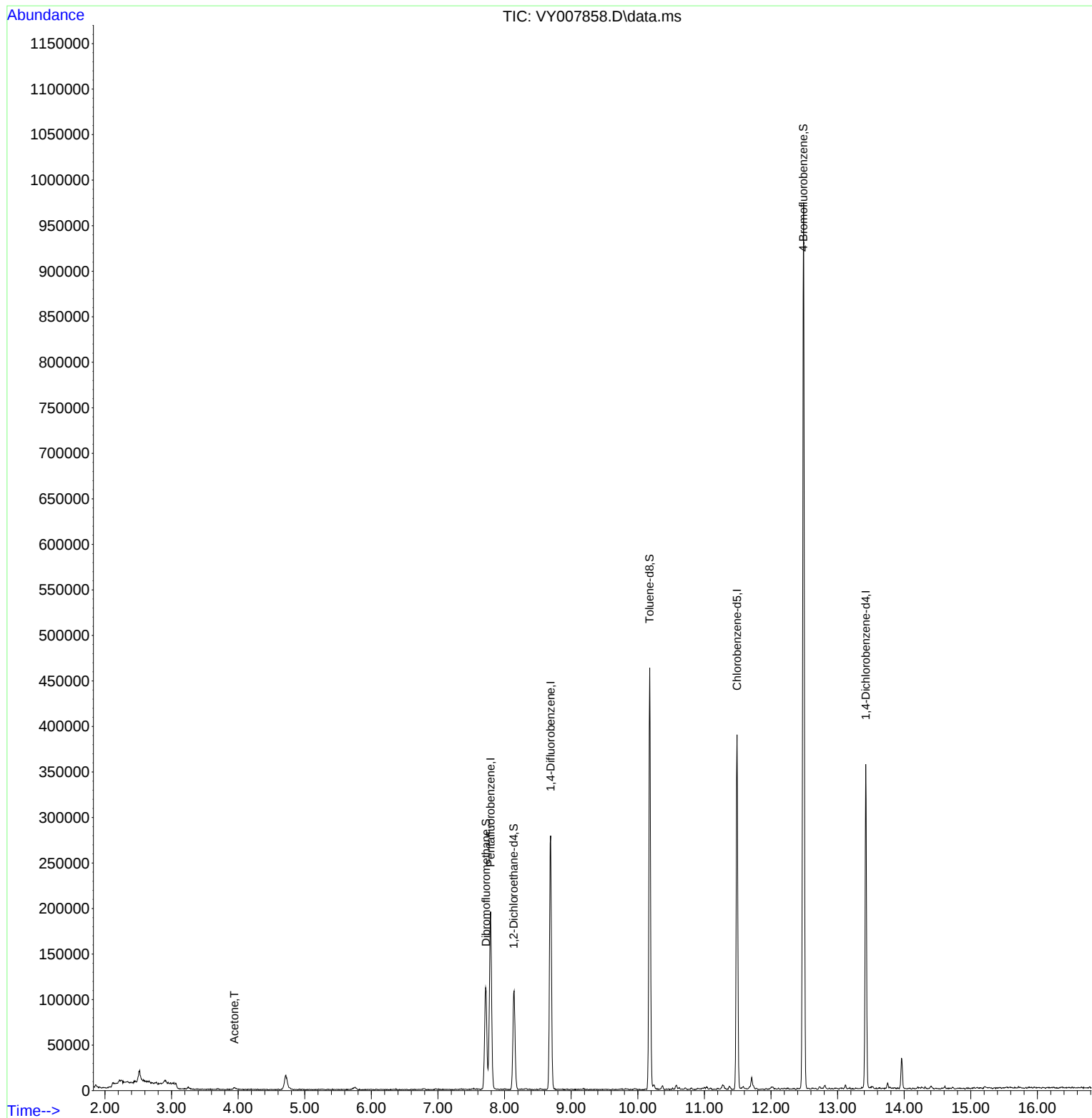
Internal Standards						
1) Pentafluorobenzene	7.789	168	144668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	80428	53.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.200%	
35) Dibromofluoromethane	7.722	113	76475	51.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.120%	
50) Toluene-d8	10.179	98	288099	52.259	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	12.483	95	79129	44.528	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.060%	
Target Compounds						
16) Acetone	3.942	43	3423	11.110	ug/l	Qvalue # 86

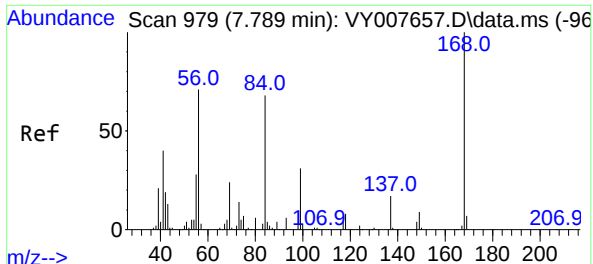
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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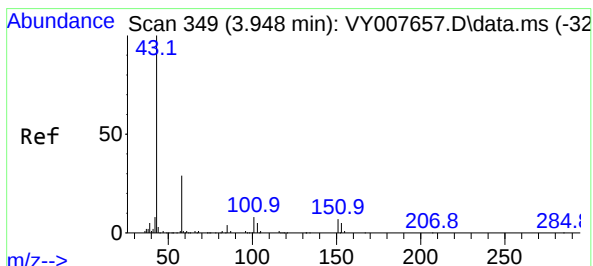
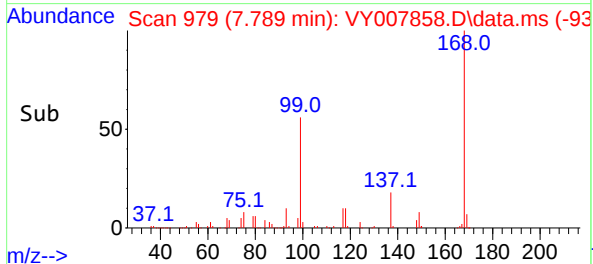
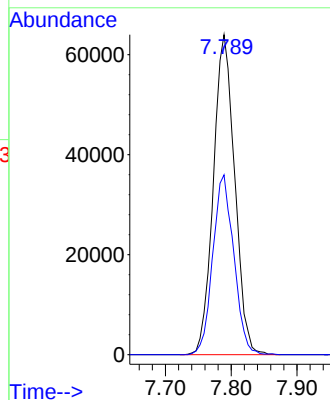
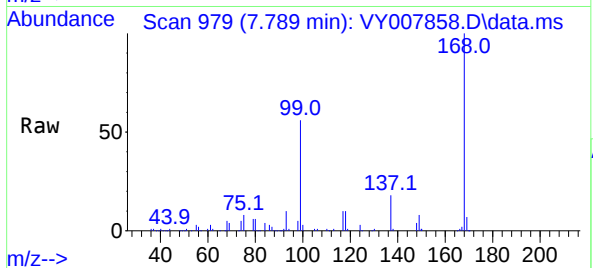




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

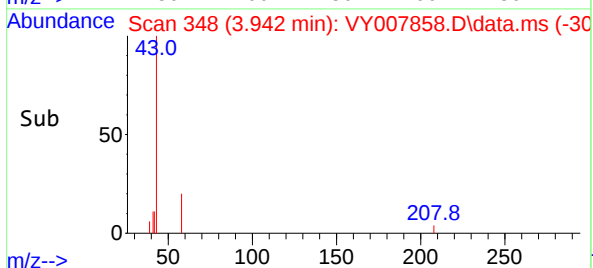
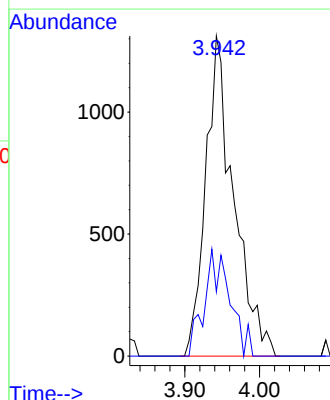
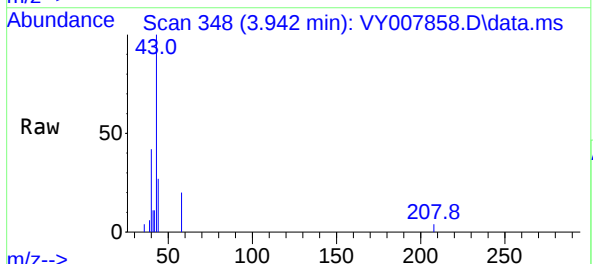
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

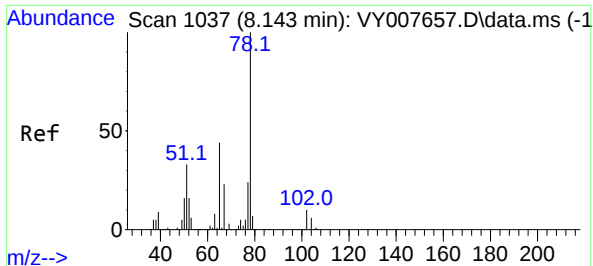
Tgt Ion:168 Resp: 144668
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#16
Acetone
Concen: 11.110 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

Tgt Ion: 43 Resp: 3423
Ion Ratio Lower Upper
43 100
58 20.1 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 53.104 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY007858.D

Acq: 11 Mar 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

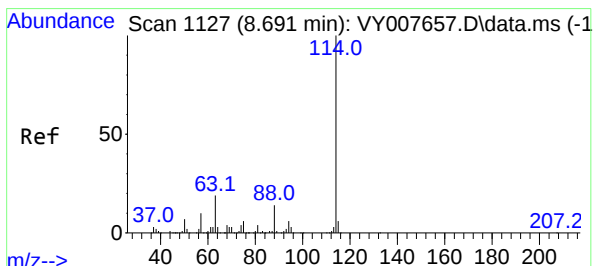
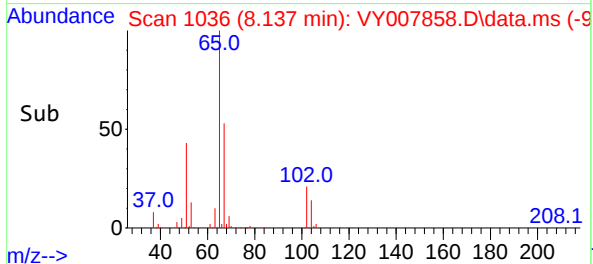
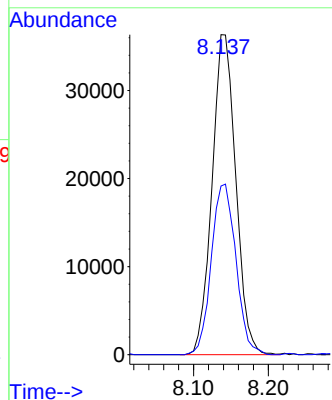
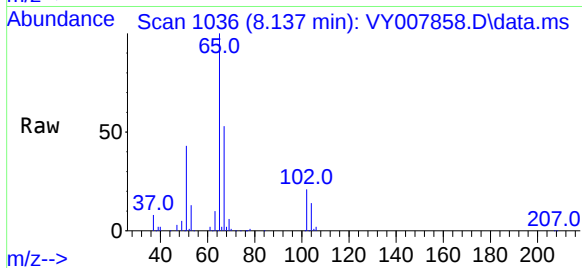
MB-B2-030922-0-1

Tgt Ion: 65 Resp: 80428

Ion Ratio Lower Upper

65 100

67 55.1 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: VY007858.D

Acq: 11 Mar 2022 16:37

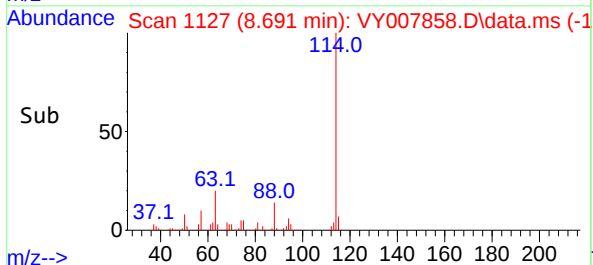
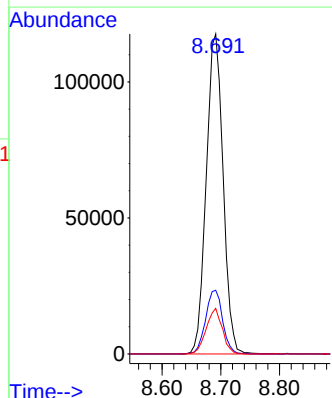
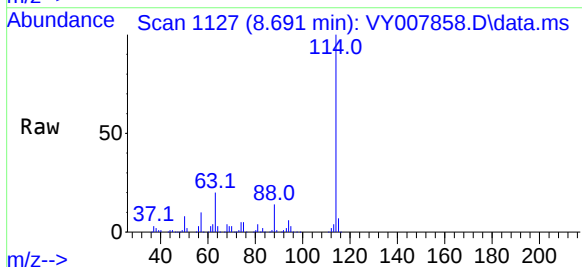
Tgt Ion: 114 Resp: 234251

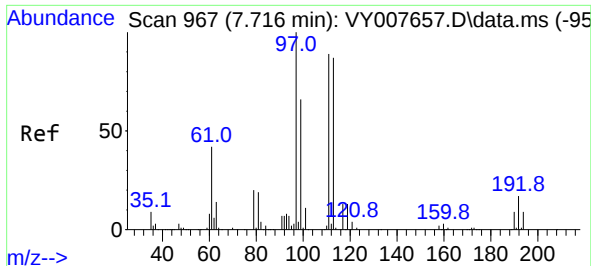
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 14.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.064 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY007858.D

Acq: 11 Mar 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

MB-B2-030922-0-1

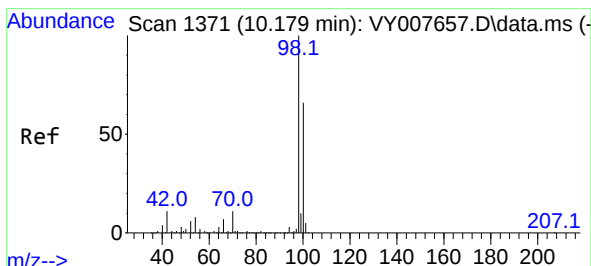
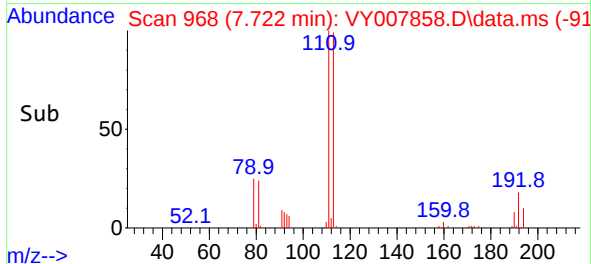
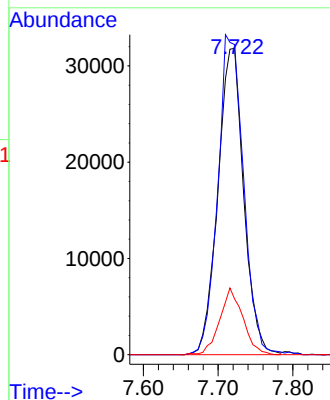
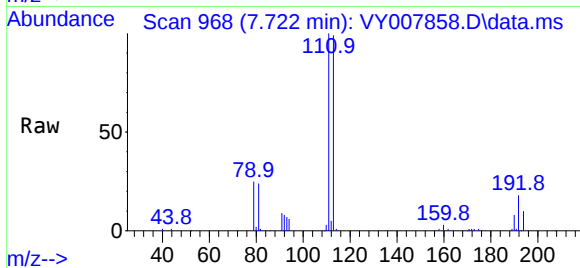
Tgt Ion:113 Resp: 76475

Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 19.6 17.6 26.4



#50

Toluene-d8

Concen: 52.259 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007858.D

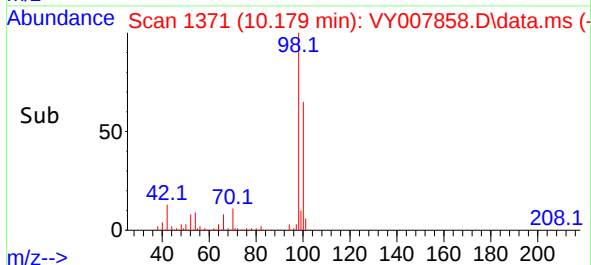
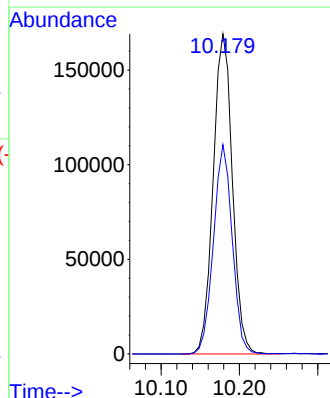
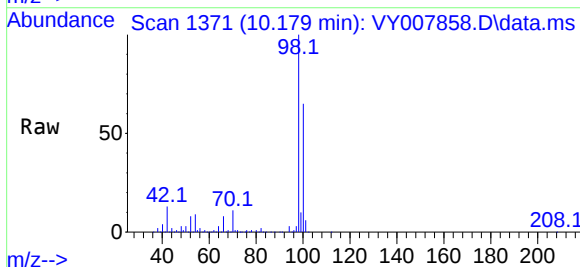
Acq: 11 Mar 2022 16:37

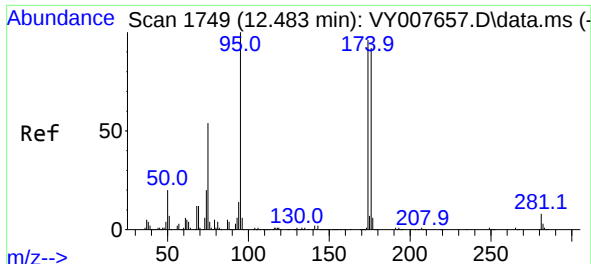
Tgt Ion: 98 Resp: 288099

Ion Ratio Lower Upper

98 100

100 63.8 50.2 75.2

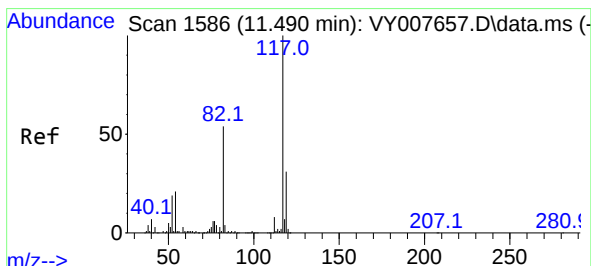
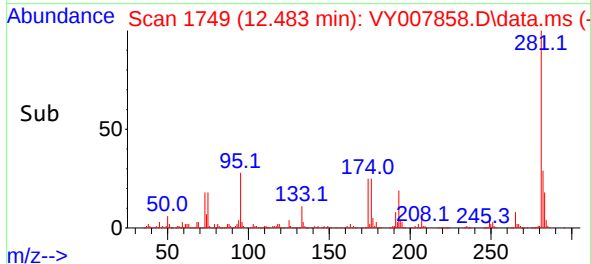
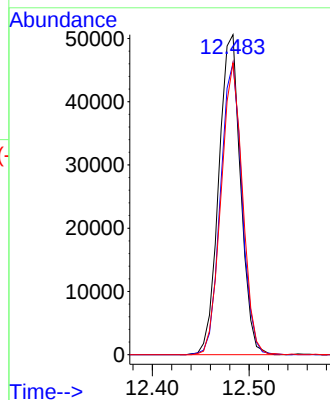
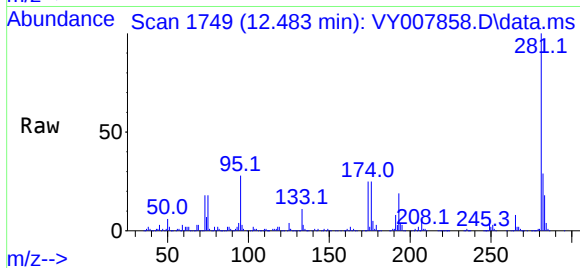




#62
4-Bromofluorobenzene
Concen: 44.528 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

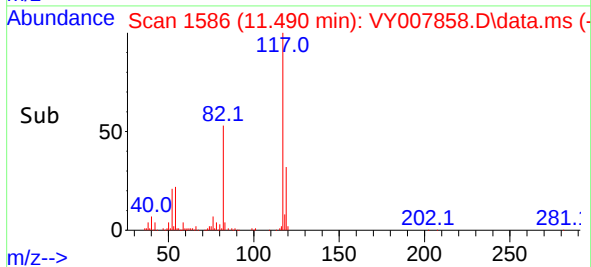
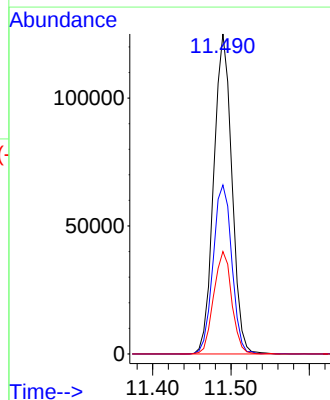
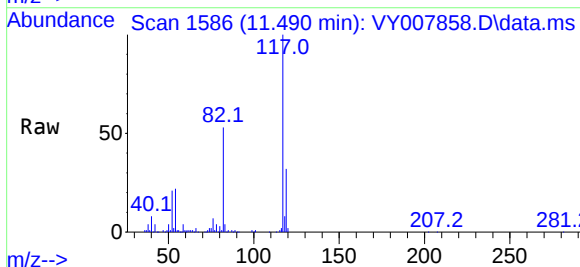
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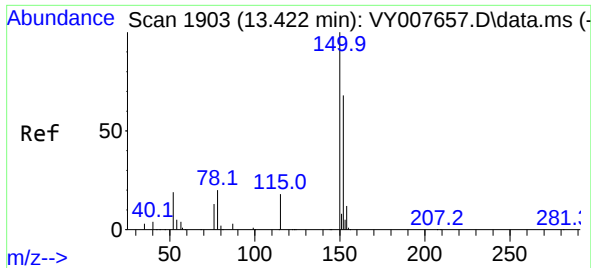
Tgt Ion: 95 Resp: 79129
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 89.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

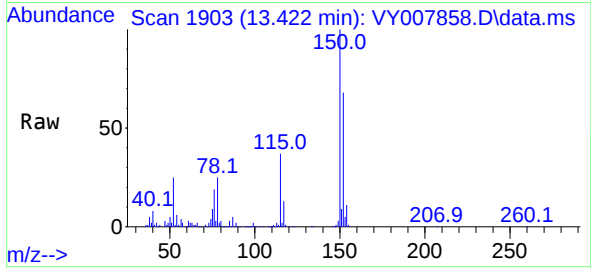
Tgt Ion: 117 Resp: 201280
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007858.D
 Acq: 11 Mar 2022 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-0-1



Tgt Ion:	152	Resp:	83011
Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.2	84.7
150	151.8	0.0	347.6

