

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008372.D
 Acq On : 18 Apr 2022 14:45
 Operator : KP/MD
 Sample : N2401-11
 Misc : 3.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DISP-1-6

Quant Time: Apr 19 06:29:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	98436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77104	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57622	62.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.640%
35) Dibromofluoromethane	7.722	113	58348	55.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.120%
50) Toluene-d8	10.179	98	218044	60.678	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.360%
62) 4-Bromofluorobenzene	12.483	95	75611	55.942	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.880%

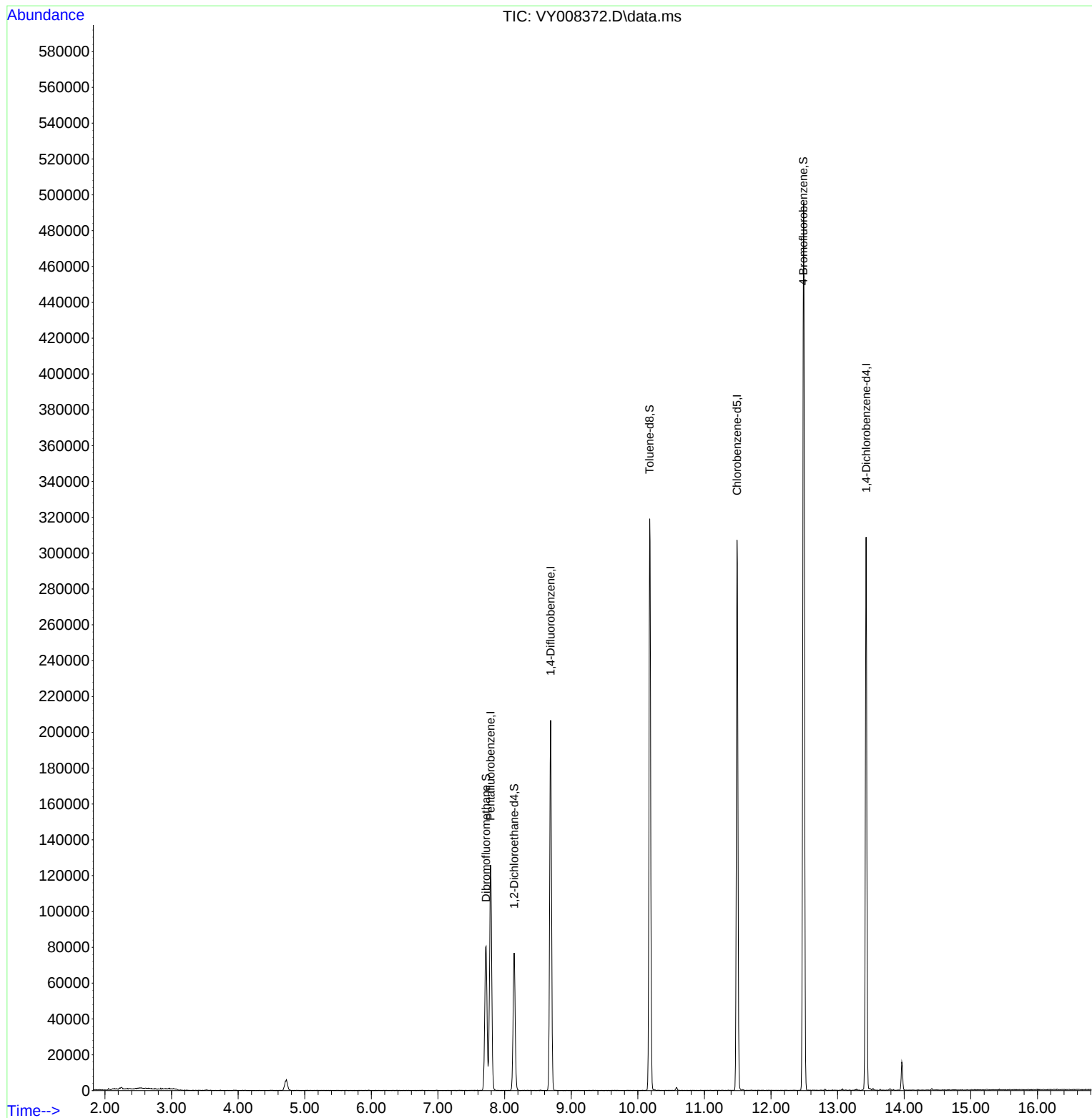
Target Compounds	Qvalue

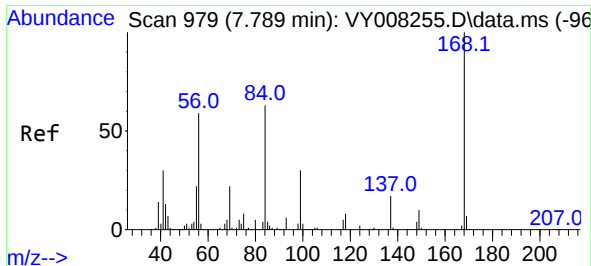
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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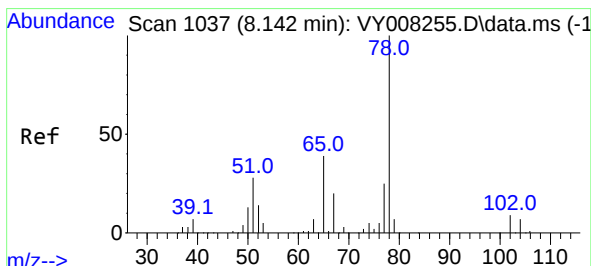
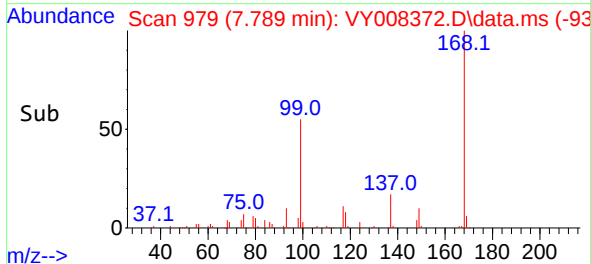
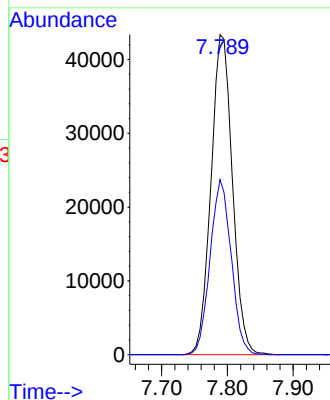
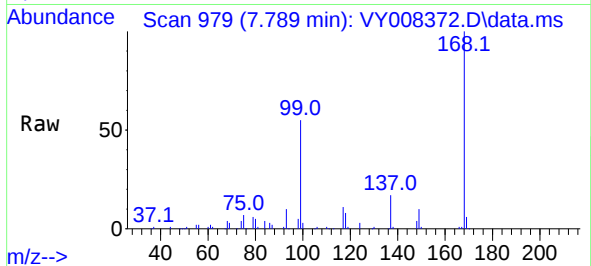




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

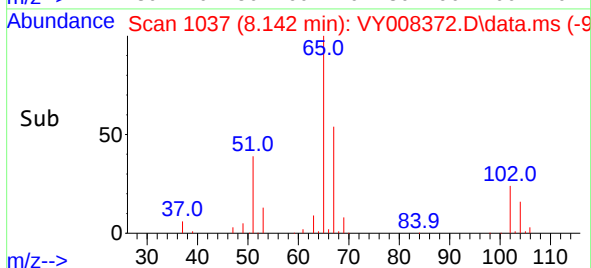
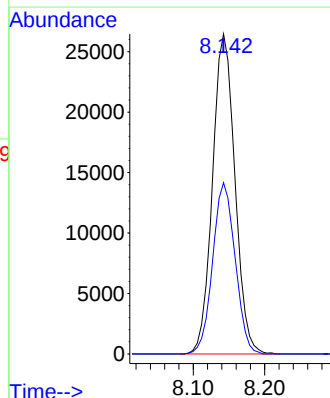
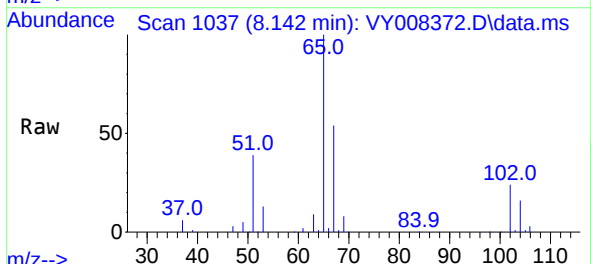
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

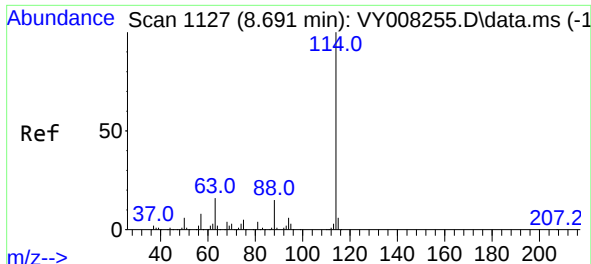
Tgt Ion:168 Resp: 98436
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.319 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

Tgt Ion: 65 Resp: 57622
Ion Ratio Lower Upper
65 100
67 53.5 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: VY008372.D

Acq: 18 Apr 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

DISP-1-6

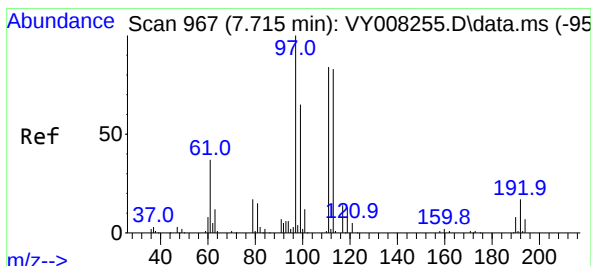
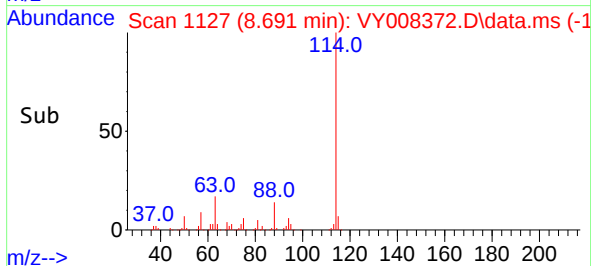
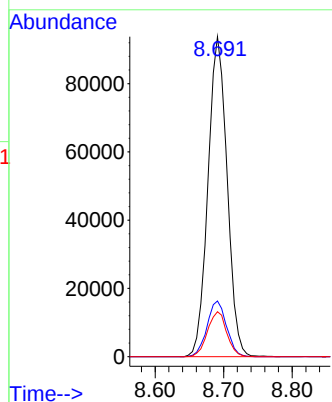
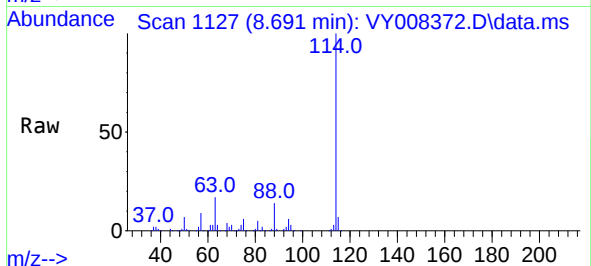
Tgt Ion:114 Resp: 181822

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.560 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008372.D

Acq: 18 Apr 2022 14:45

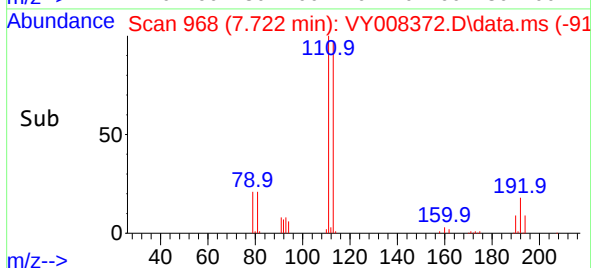
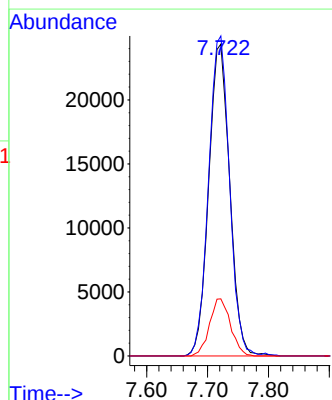
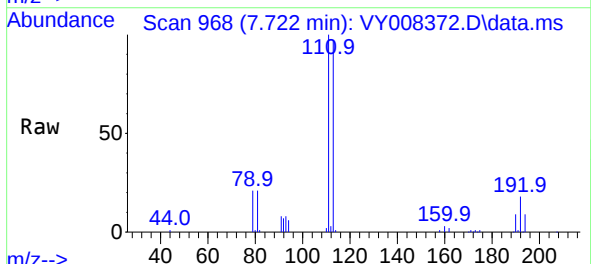
Tgt Ion:113 Resp: 58348

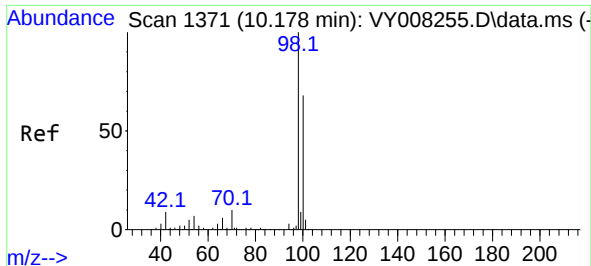
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 18.2 17.6 26.4

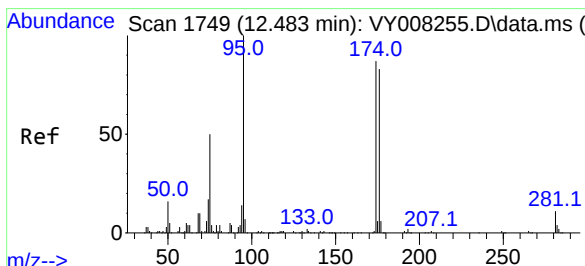
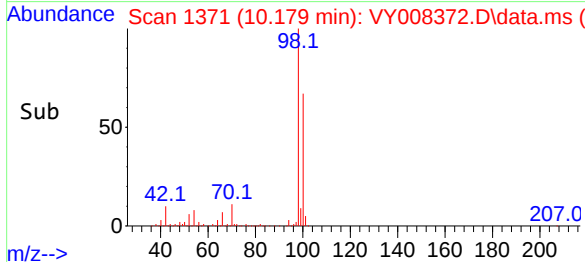
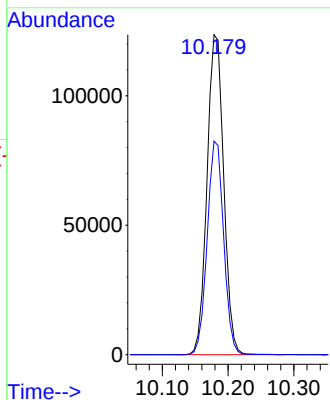
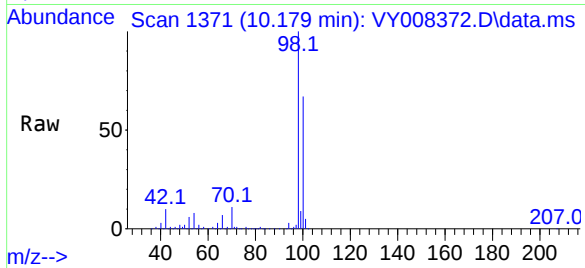




#50
Toluene-d8
Concen: 60.678 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

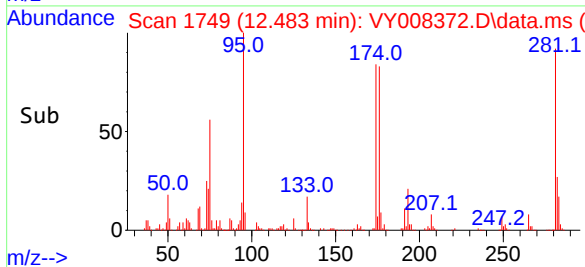
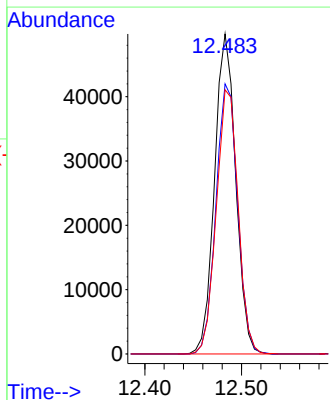
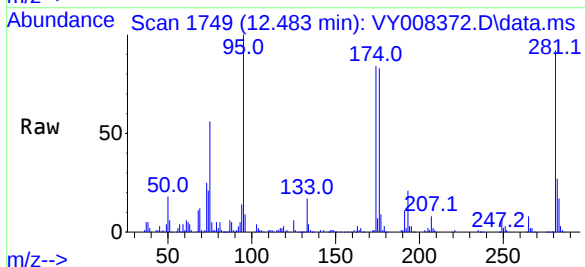
Instrument :
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DISP-1-6

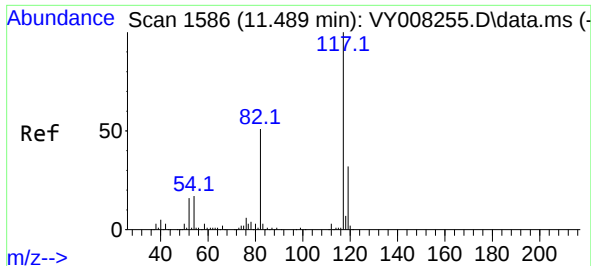
Tgt Ion: 98 Resp: 218044
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.942 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

Tgt Ion: 95 Resp: 75611
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 84.9 0.0 175.8

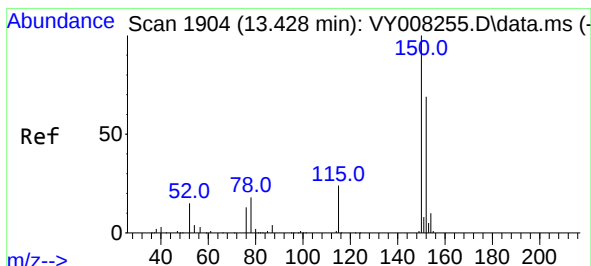
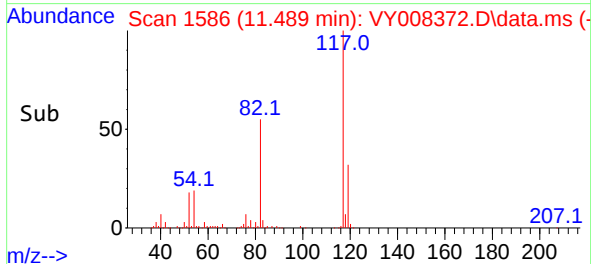
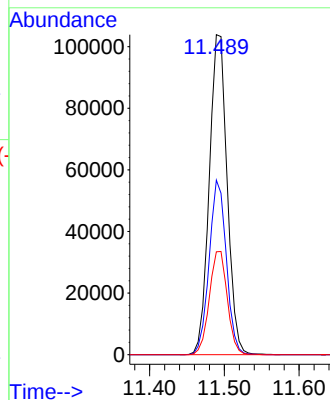
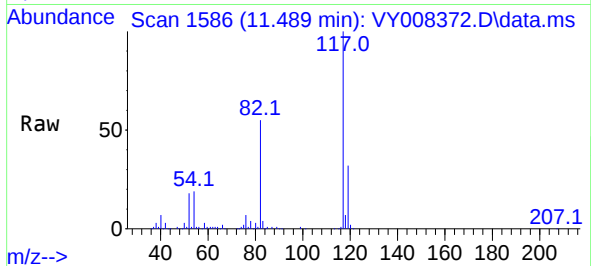




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

Tgt Ion:117 Resp: 172788
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.2 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: VY008372.D
Acq: 18 Apr 2022 14:45

Tgt Ion:152 Resp: 77104
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.4 0.0 347.6

