

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008591.D
 Acq On : 03 May 2022 14:55
 Operator : KP/MD
 Sample : N2616-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-18S

Quant Time: May 04 02:41:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	37101	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	58346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	54119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23963	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	15081	41.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.640%
35) Dibromofluoromethane	7.710	113	17811	46.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.260%
50) Toluene-d8	10.179	98	67308	49.209	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.483	95	21303	42.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.980%

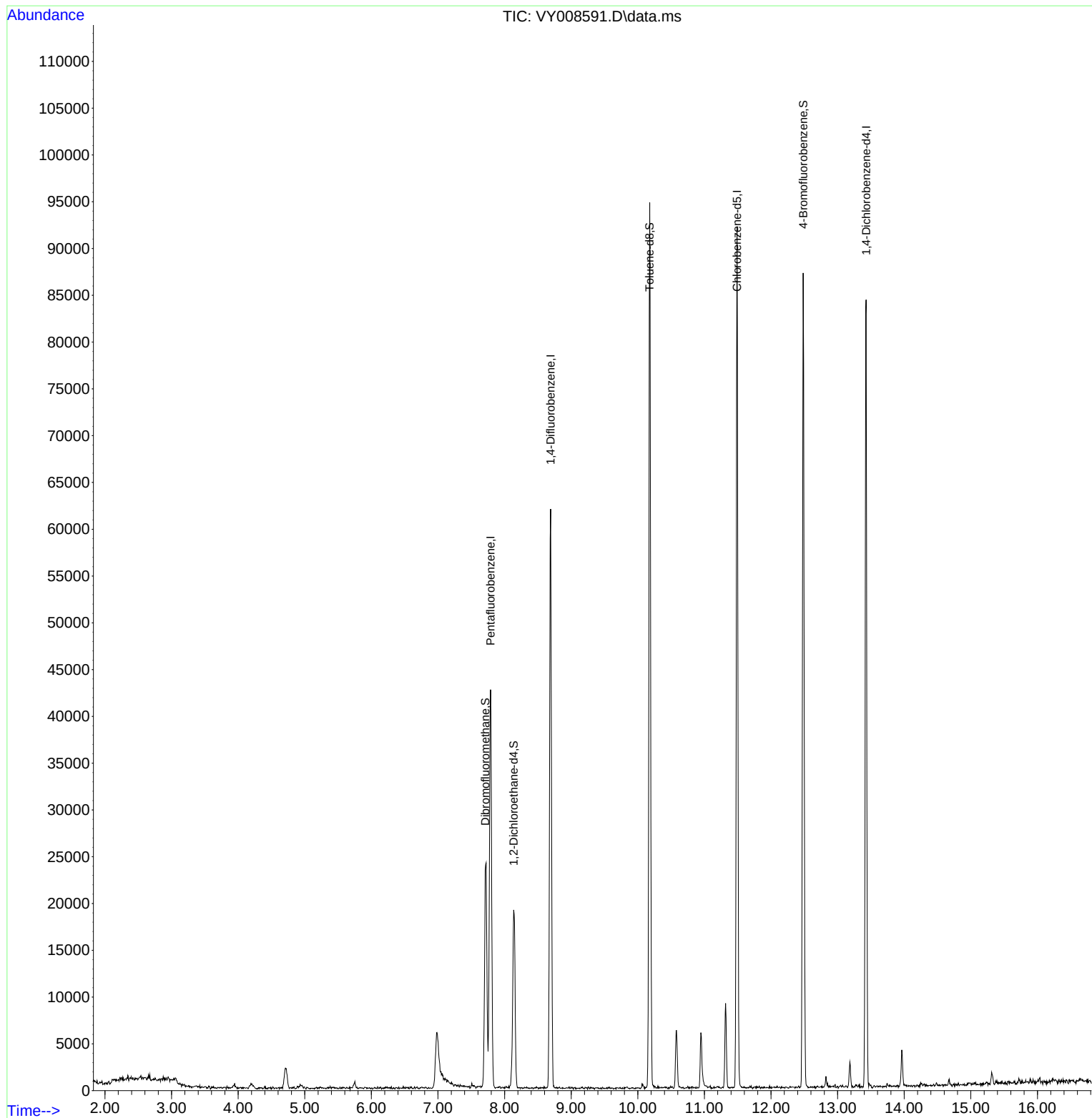
Target Compounds	Qvalue

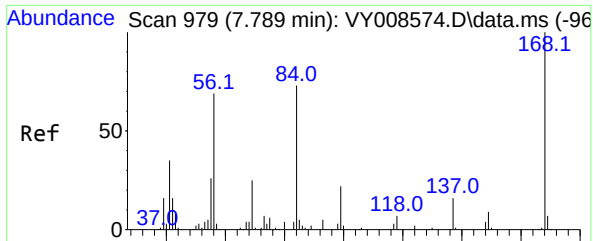
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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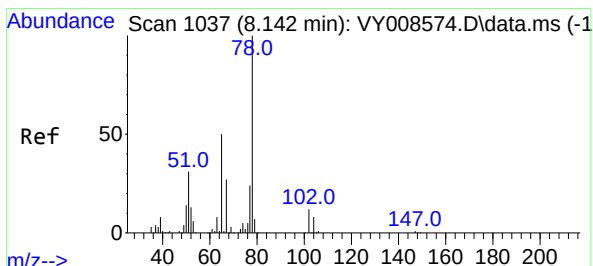
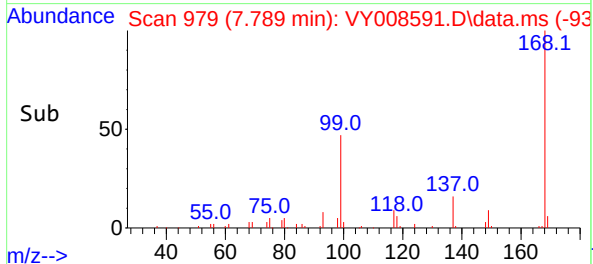
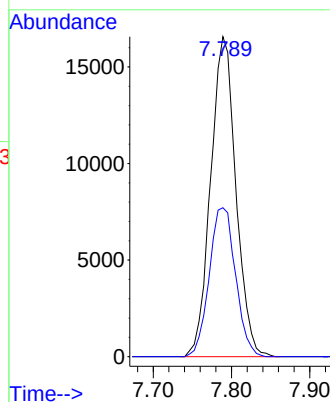
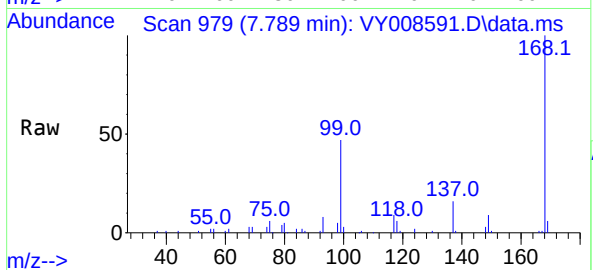




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

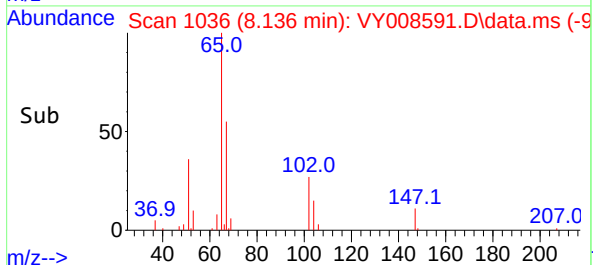
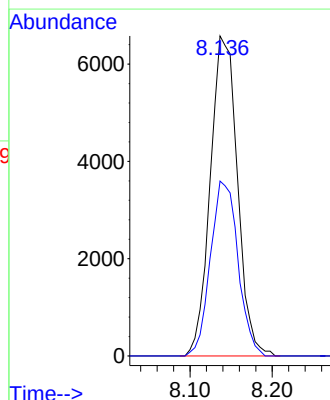
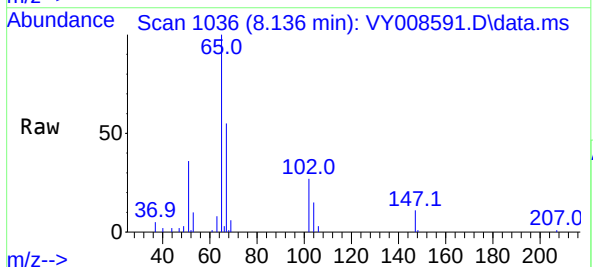
Instrument :
MSVOA_Y
ClientSampleId :
MH-18S

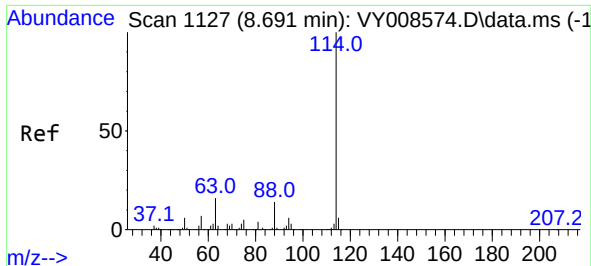
Tgt Ion:168 Resp: 37101
Ion Ratio Lower Upper
168 100
99 46.5 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 41.823 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

Tgt Ion: 65 Resp: 15081
Ion Ratio Lower Upper
65 100
67 55.4 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: VY008591.D

Acq: 03 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

MH-18S

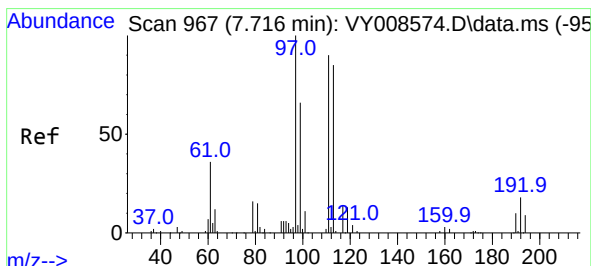
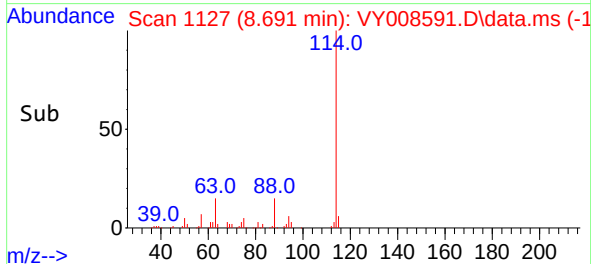
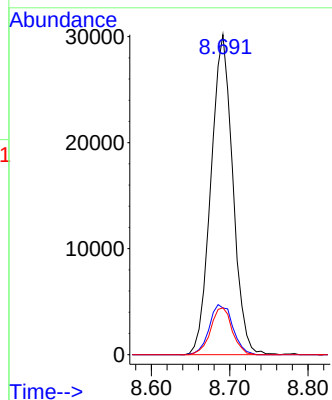
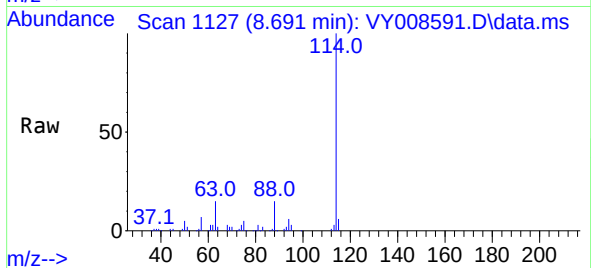
Tgt Ion:114 Resp: 58346

Ion Ratio Lower Upper

114 100

63 14.6 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.134 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY008591.D

Acq: 03 May 2022 14:55

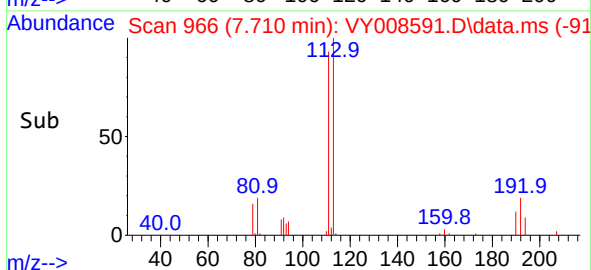
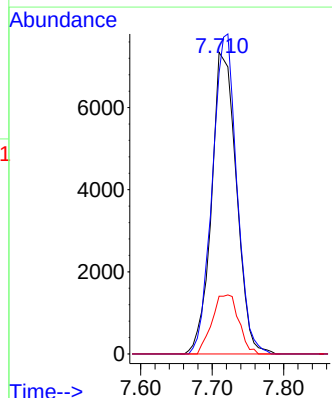
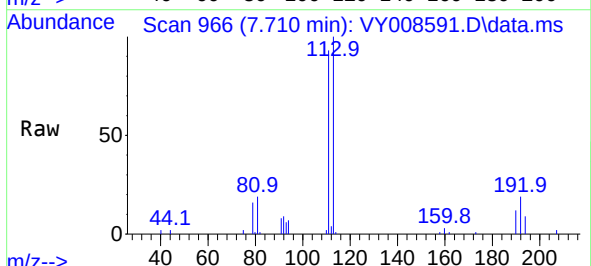
Tgt Ion:113 Resp: 17811

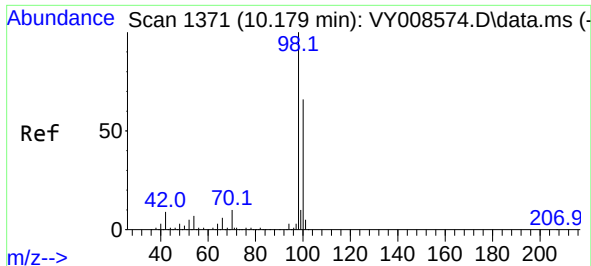
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 20.8 17.6 26.4

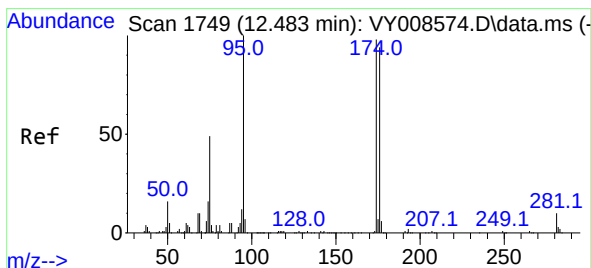
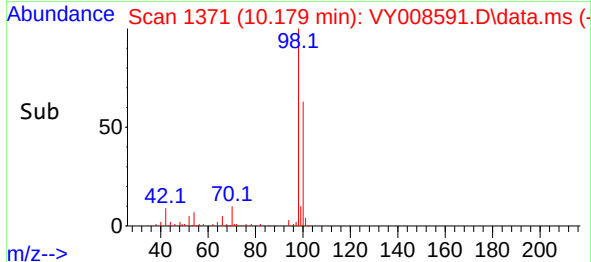
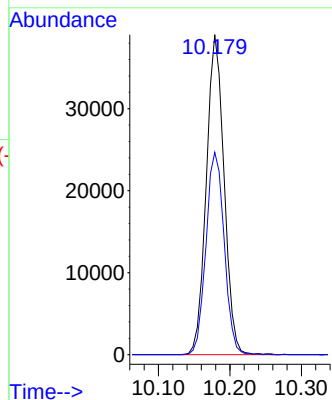
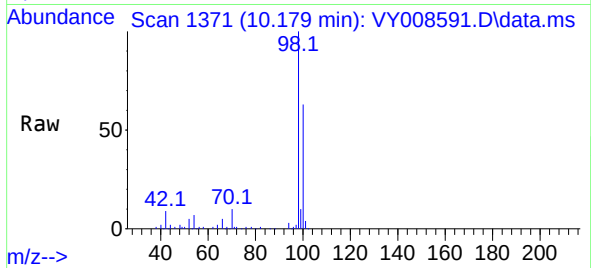




#50
Toluene-d8
Concen: 49.209 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

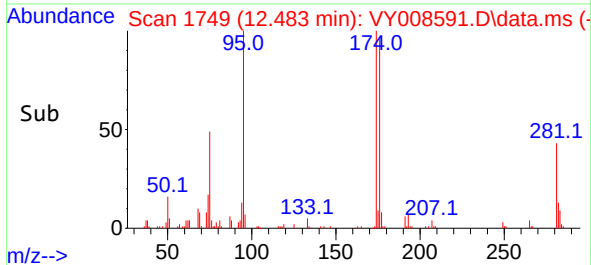
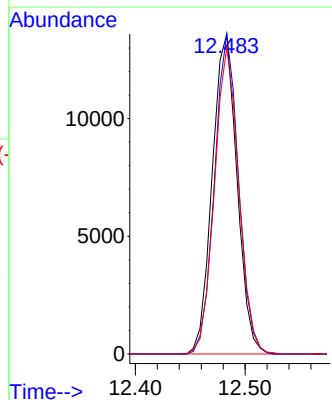
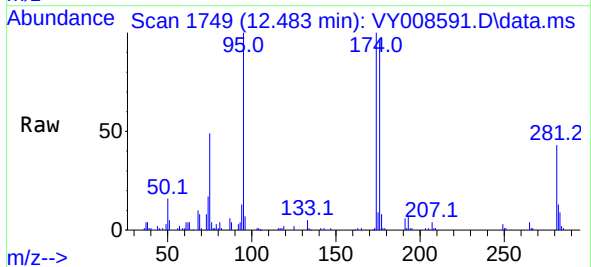
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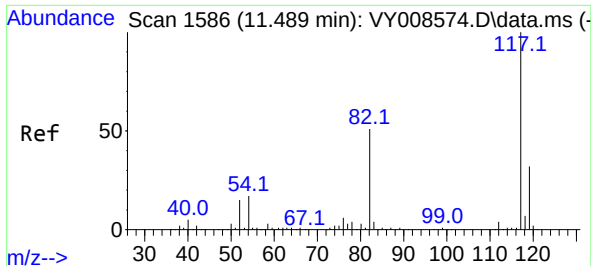
Tgt Ion: 98 Resp: 67308
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

Tgt Ion: 95 Resp: 21303
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 94.3 0.0 175.8

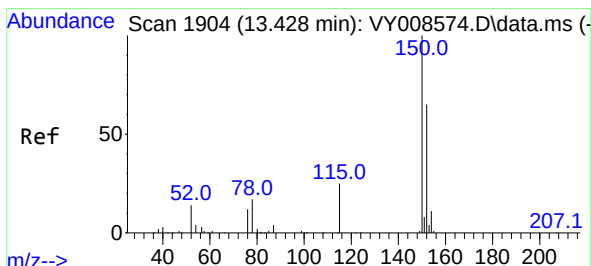
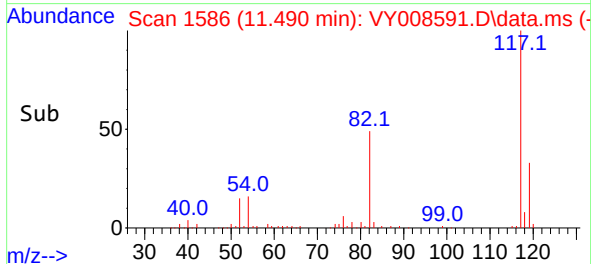
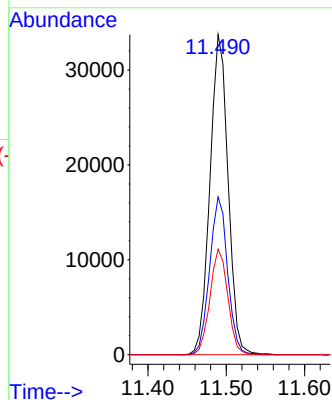
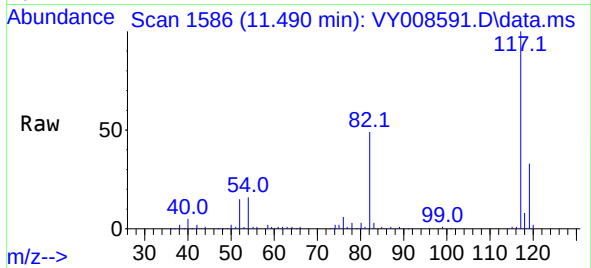




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

Instrument :
MSVOA_Y
ClientSampleId :
MH-18S

Tgt Ion:117 Resp: 54119
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 33.0 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: VY008591.D
Acq: 03 May 2022 14:55

Tgt Ion:152 Resp: 23963
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 157.8 0.0 347.6

