

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008621.D
 Acq On : 04 May 2022 18:44
 Operator : KP/MD
 Sample : N2619-16
 Misc : 4.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB07-13-14-FT

Quant Time: May 05 04:38:01 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	129390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115419	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62201	49.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.920%
35) Dibromofluoromethane	7.716	113	71270	47.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.180%
50) Toluene-d8	10.179	98	269317	50.760	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.483	95	96888	49.823	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.640%

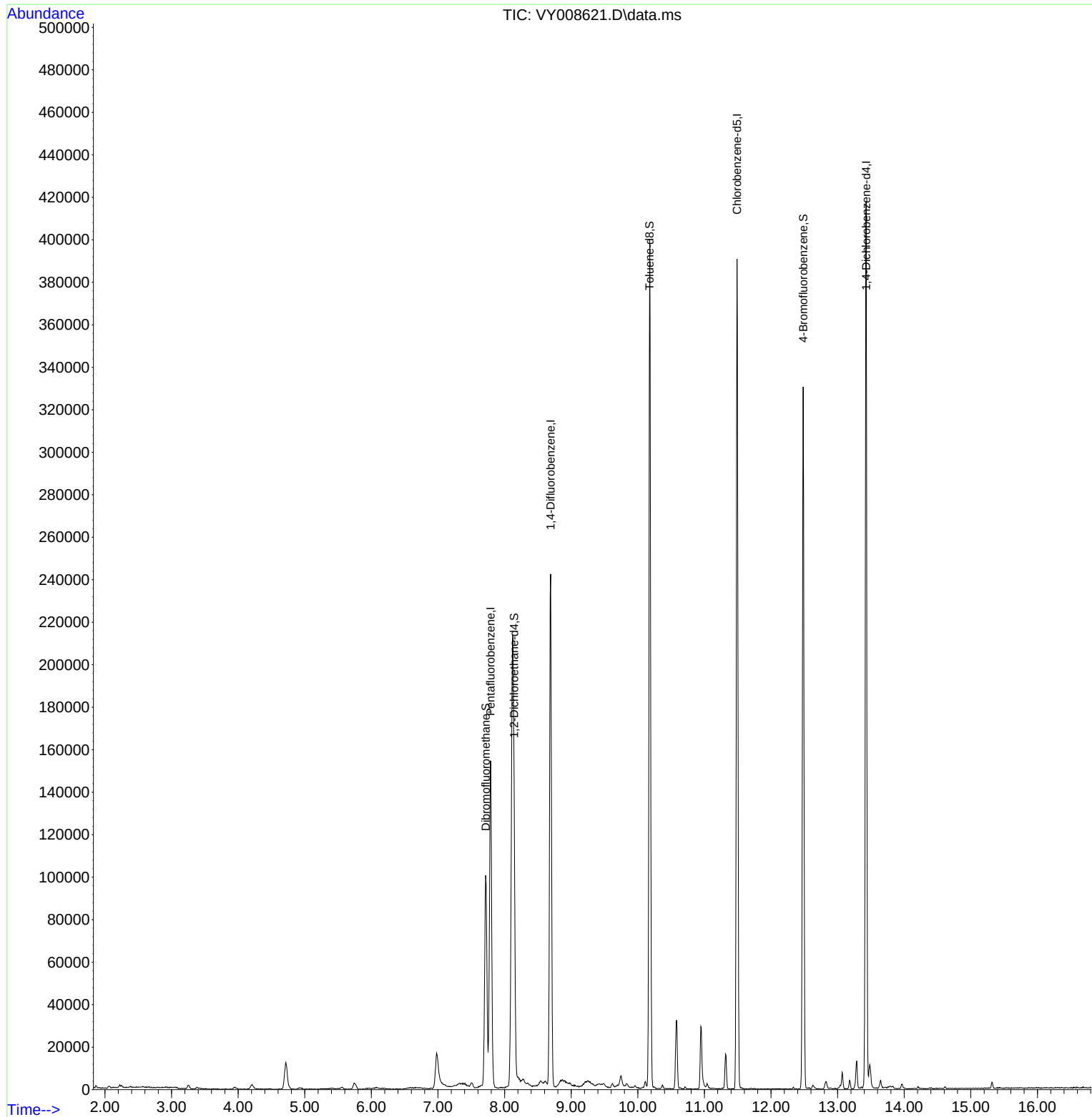
Target Compounds	Qvalue

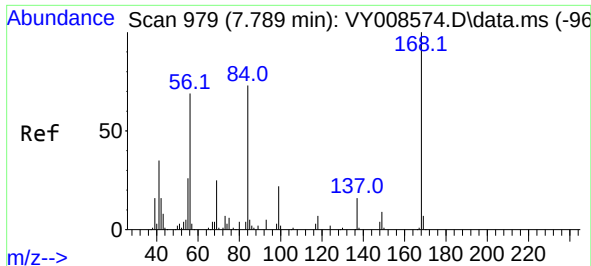
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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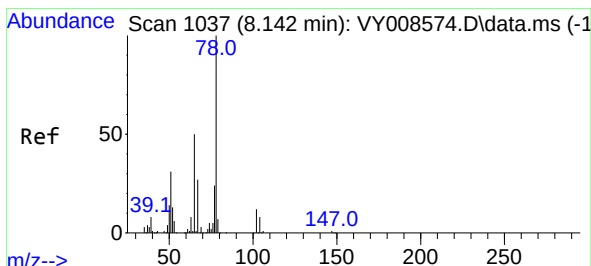
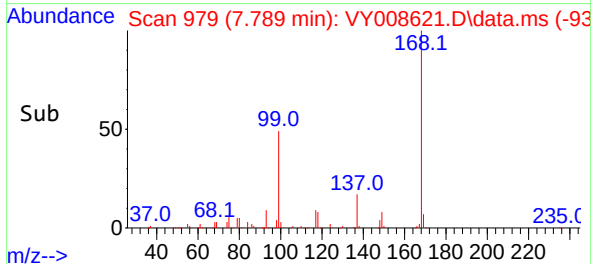
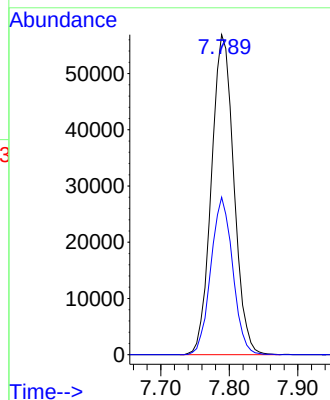
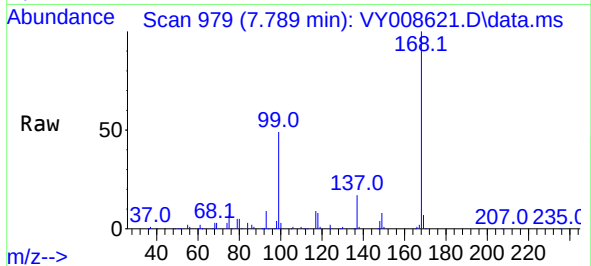




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

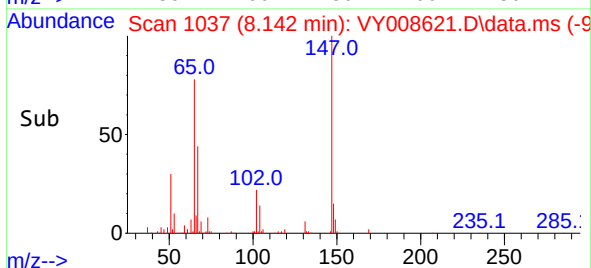
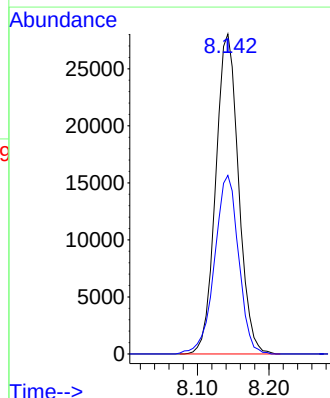
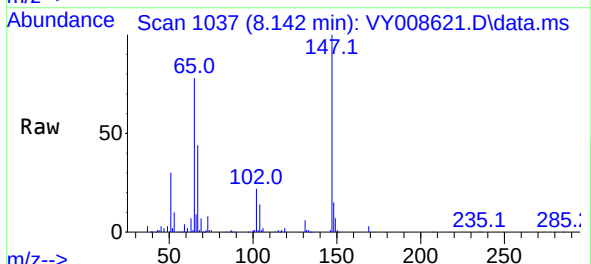
Instrument :
MSVOA_Y
ClientSampleId :
SB07-13-14-FT

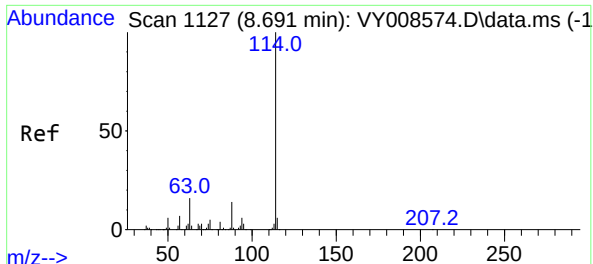
Tgt Ion:168 Resp: 129390
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.461 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

Tgt Ion: 65 Resp: 62201
Ion Ratio Lower Upper
65 100
67 58.8 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: VY008621.D

Acq: 04 May 2022 18:44

Instrument :

MSVOA_Y

ClientSampleId :

SB07-13-14-FT

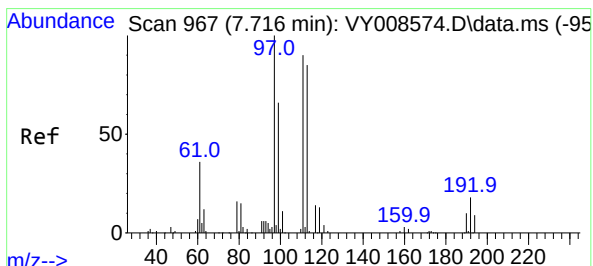
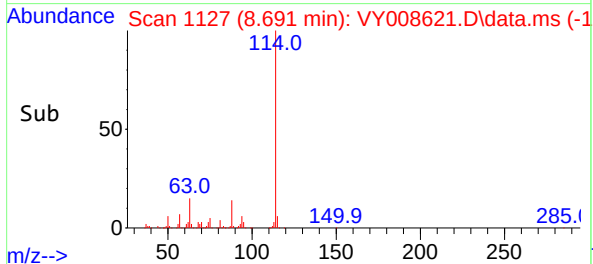
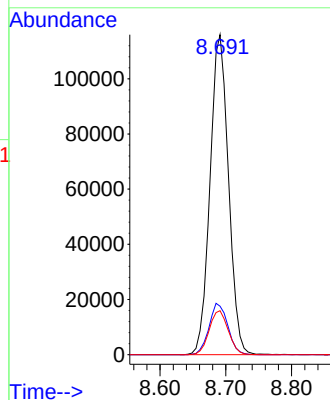
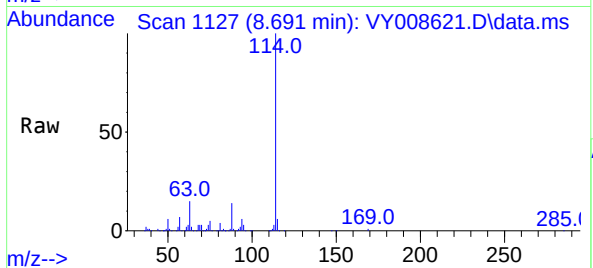
Tgt Ion:114 Resp: 226324

Ion Ratio Lower Upper

114 100

63 15.1 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.590 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008621.D

Acq: 04 May 2022 18:44

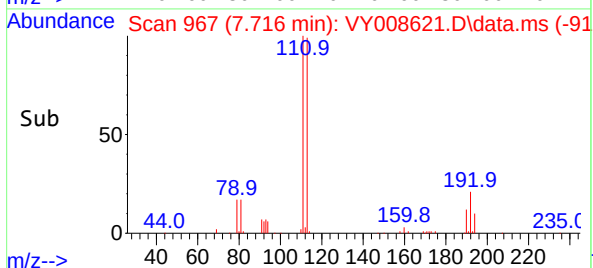
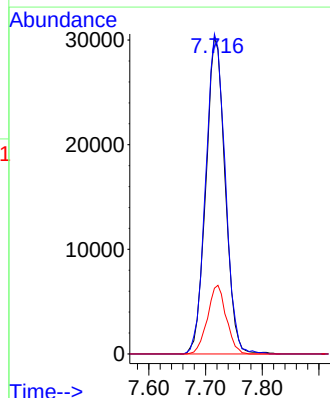
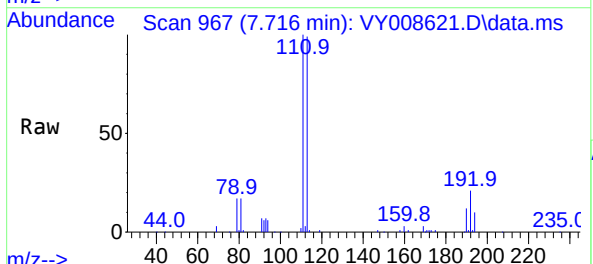
Tgt Ion:113 Resp: 71270

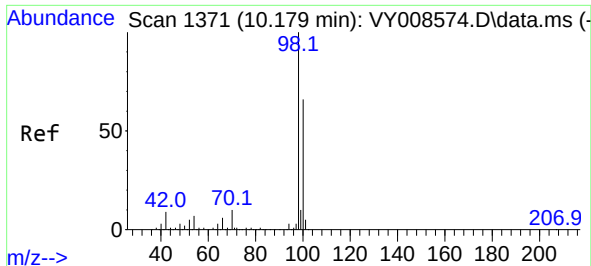
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 21.1 17.6 26.4

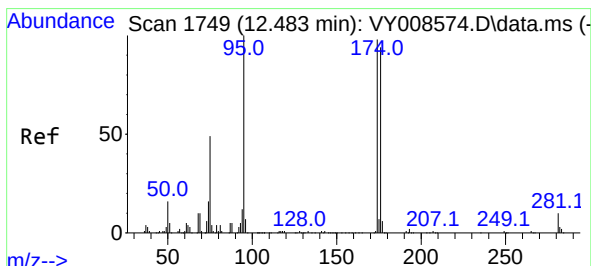
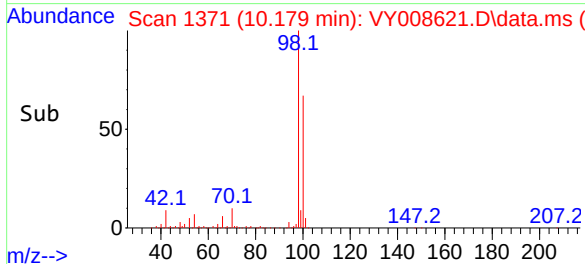
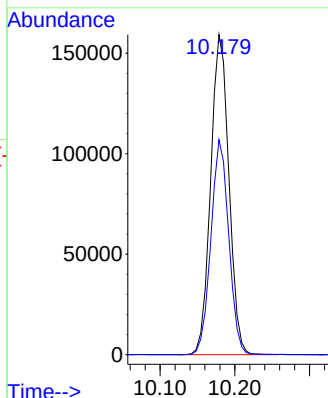
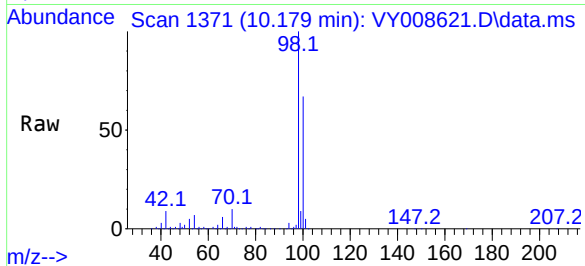




#50
Toluene-d8
Concen: 50.760 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

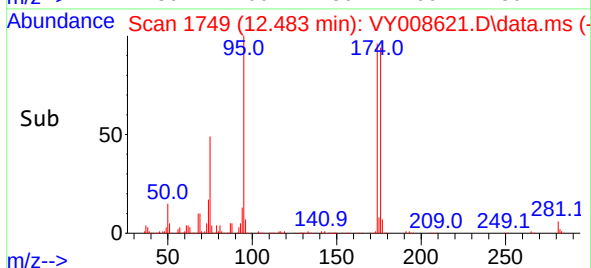
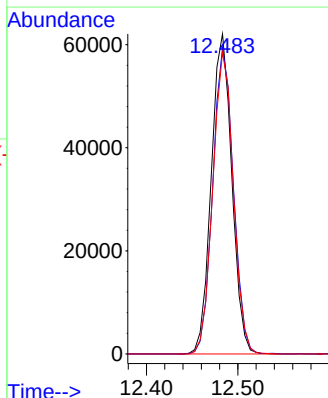
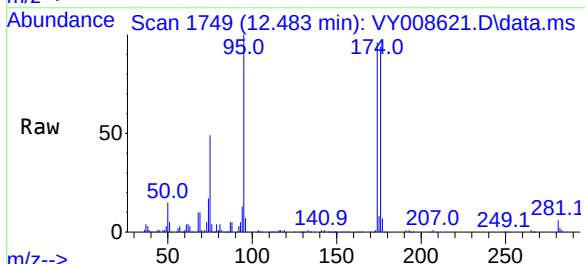
Instrument :
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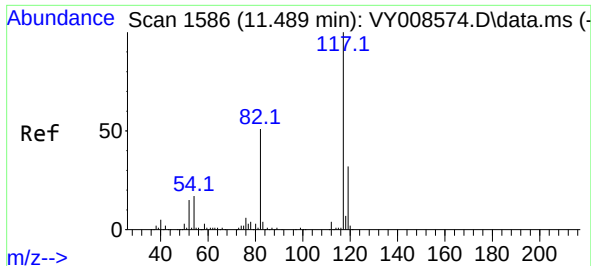
Tgt Ion: 98 Resp: 269317
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.823 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

Tgt Ion: 95 Resp: 96888
Ion Ratio Lower Upper
95 100
174 95.8 0.0 177.0
176 94.2 0.0 175.8

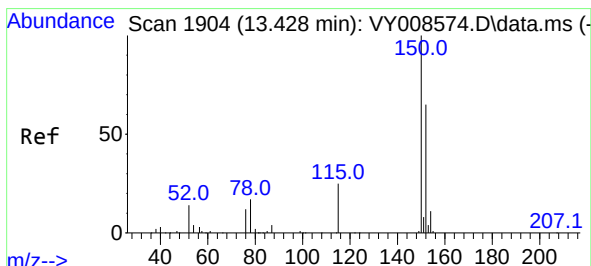
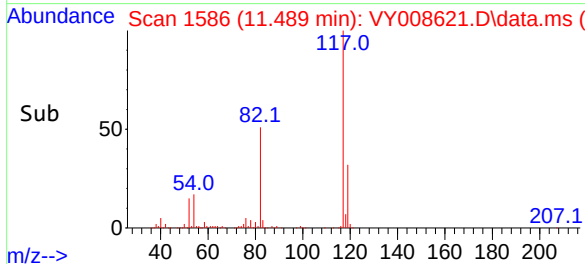
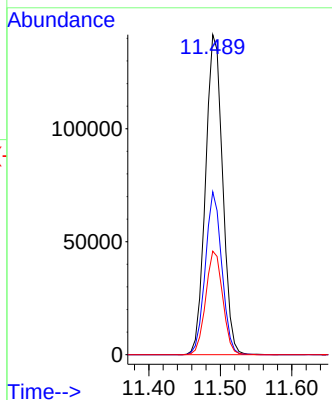
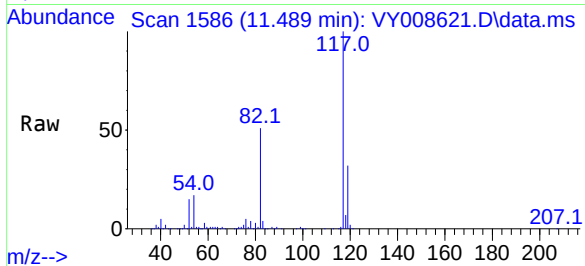




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

Instrument :
MSVOA_Y
ClientSampleId :
SB07-13-14-FT

Tgt Ion:117 Resp: 235042
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.4 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: VY008621.D
Acq: 04 May 2022 18:44

Tgt Ion:152 Resp: 115419
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 155.5 0.0 347.6

