

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008670.D
 Acq On : 10 May 2022 10:58
 Operator : KP/MD
 Sample : VY0510SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBL01

Quant Time: May 10 15:56:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	263418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	427827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113379	50.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.460%
35) Dibromofluoromethane	7.716	113	128848	48.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.740%
50) Toluene-d8	10.179	98	489333	52.669	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.483	95	151952	45.460	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.920%

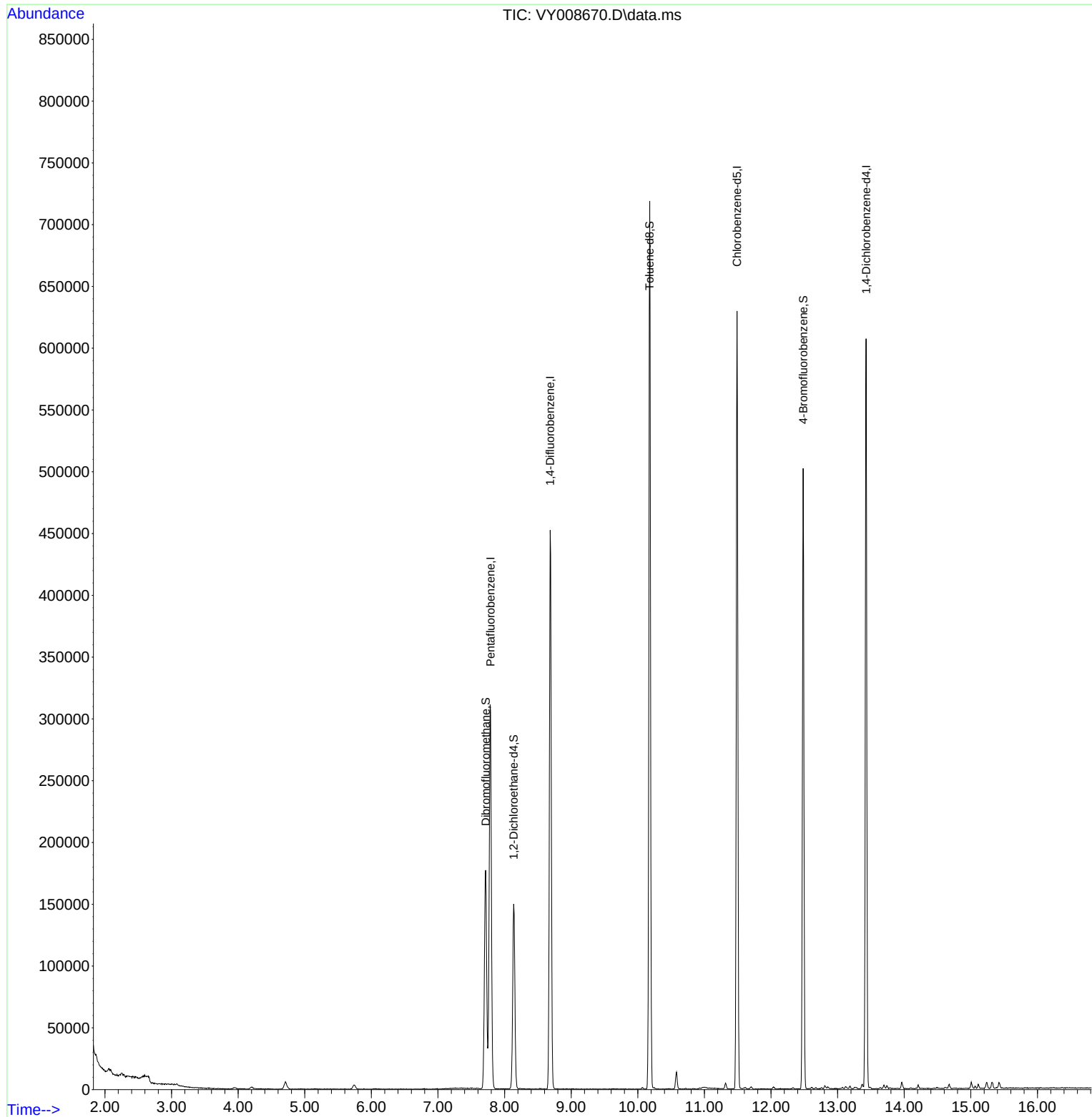
Target Compounds	Qvalue

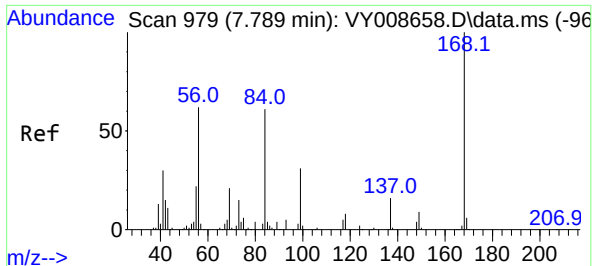
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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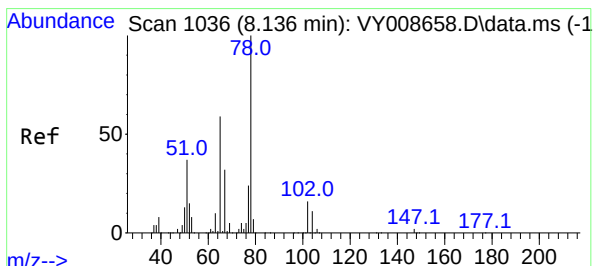
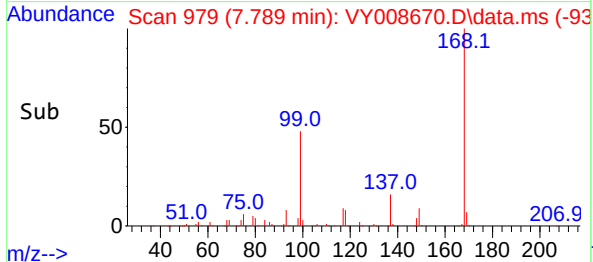
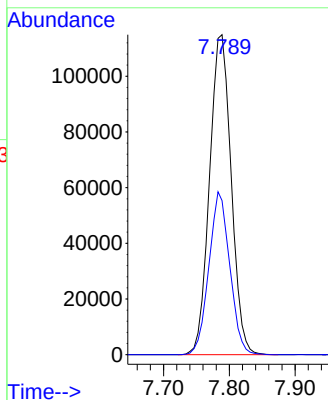
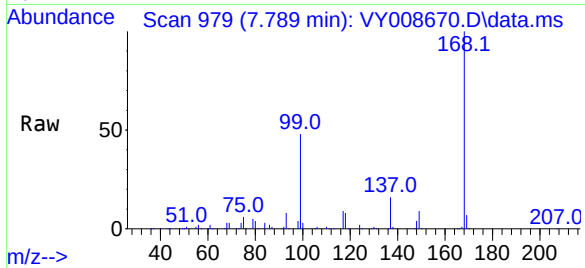




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

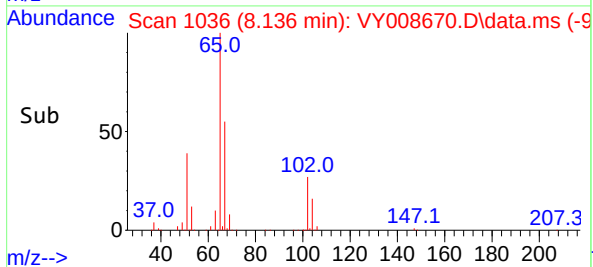
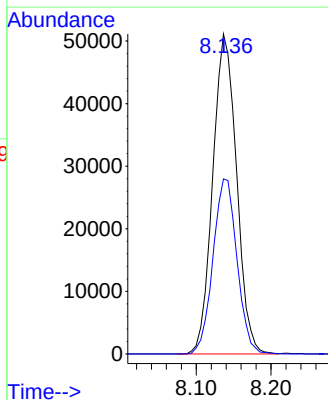
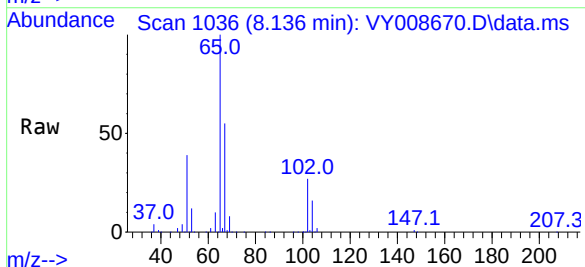
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

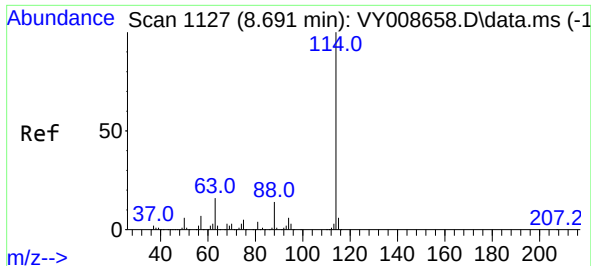
Tgt Ion:168 Resp: 263418
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.232 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

Tgt Ion: 65 Resp: 113379
Ion Ratio Lower Upper
65 100
67 55.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008670.D

Acq: 10 May 2022 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBL01

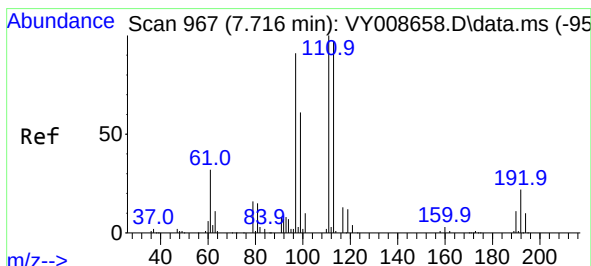
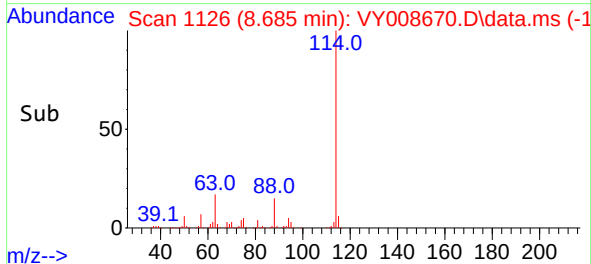
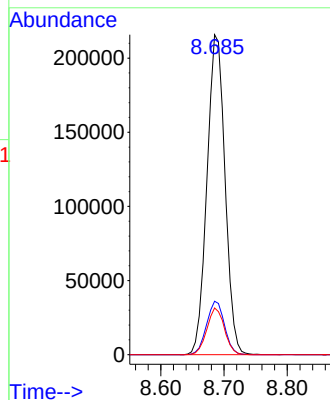
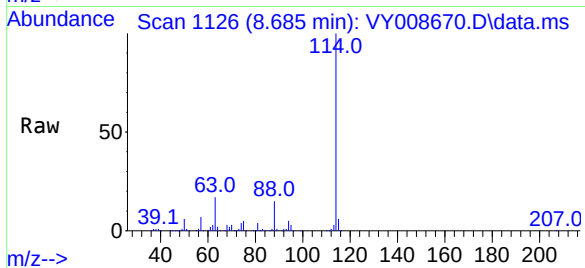
Tgt Ion:114 Resp: 427827

Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.872 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008670.D

Acq: 10 May 2022 10:58

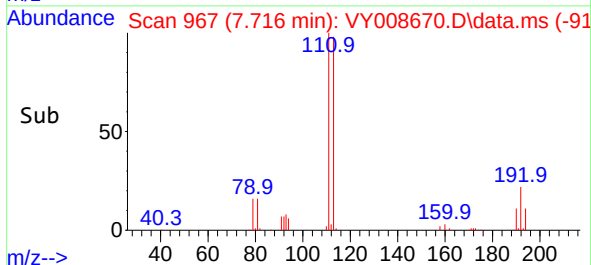
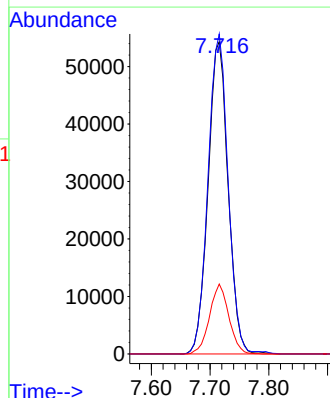
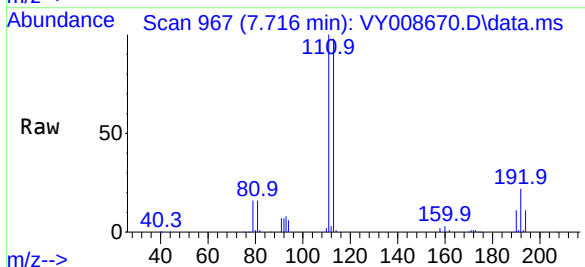
Tgt Ion:113 Resp: 128848

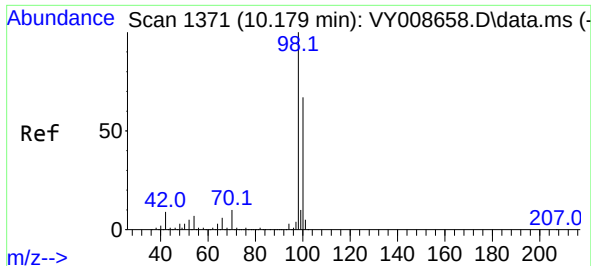
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 21.6 17.6 26.4

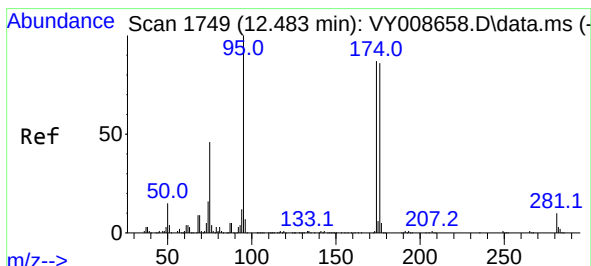
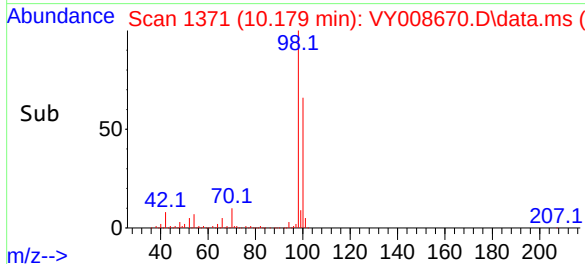
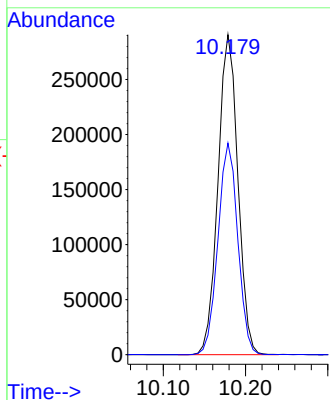
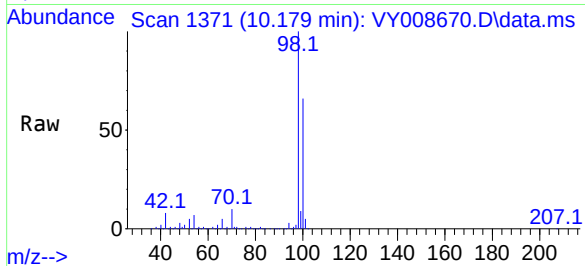




#50
Toluene-d8
Concen: 52.669 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

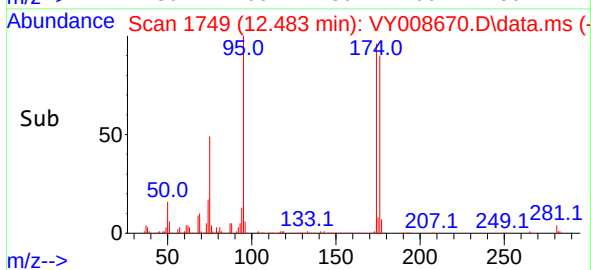
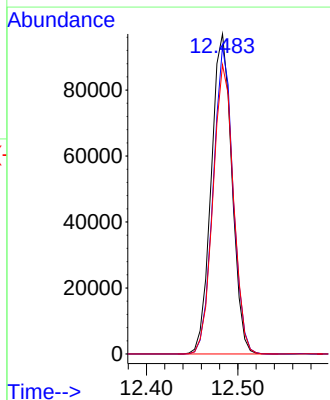
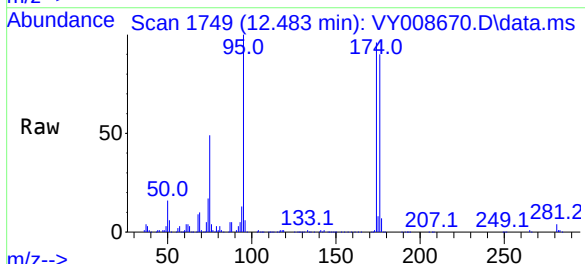
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

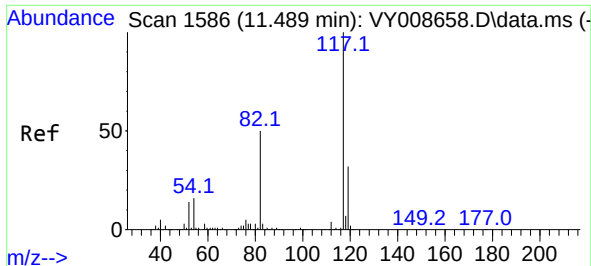
Tgt Ion: 98 Resp: 489333
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.460 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

Tgt Ion: 95 Resp: 151952
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 89.6 0.0 175.8

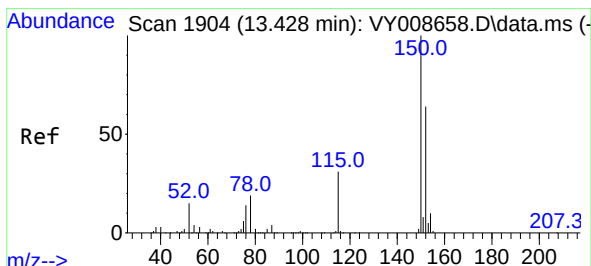
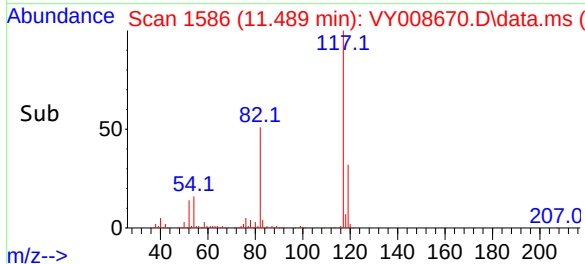
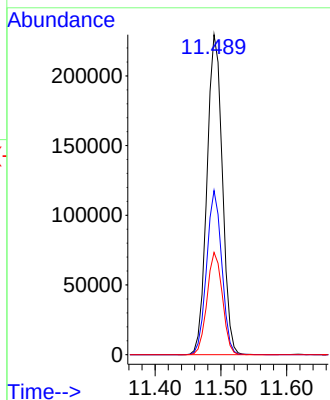
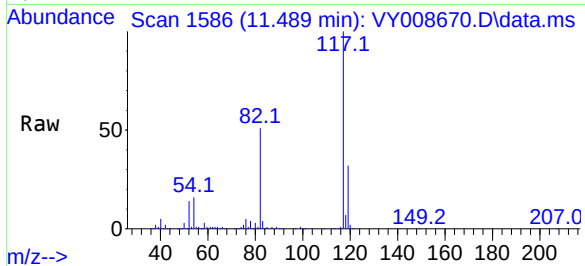




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

Tgt Ion:117 Resp: 373806
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.0 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: VY008670.D
Acq: 10 May 2022 10:58

Tgt Ion:152 Resp: 168922
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 157.2 0.0 347.6

