

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007801.D
 Acq On : 09 Mar 2022 13:45
 Operator : SY/MD
 Sample : VY0309SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBL01

Quant Time: Mar 10 01:03:16 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	7.795	168	184632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	313854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124769	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	110487	57.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.320%
35) Dibromofluoromethane	7.716	113	107999	53.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.640%
50) Toluene-d8	10.179	98	389966	52.796	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.600%
62) 4-Bromofluorobenzene	12.483	95	111023	46.630	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.260%

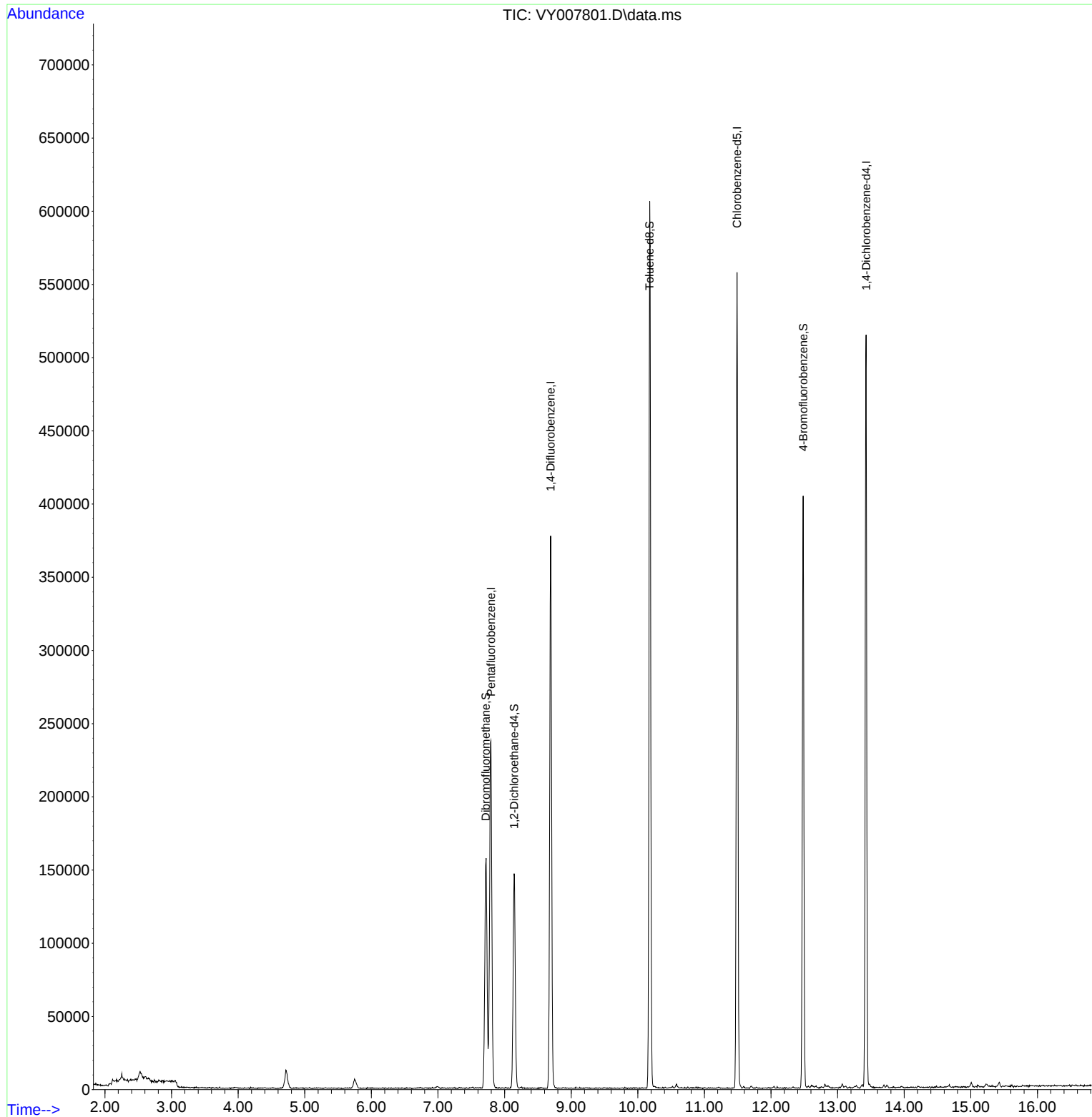
Target Compounds	Qvalue

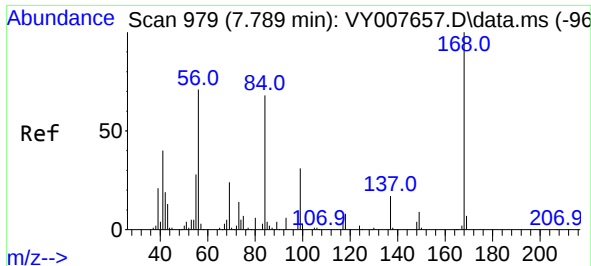
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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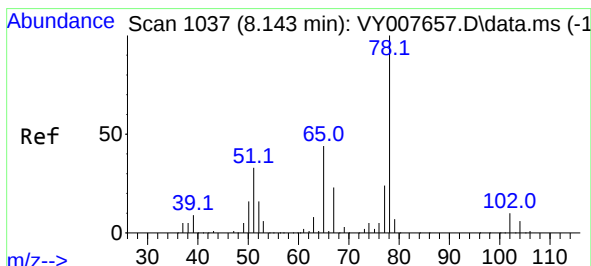
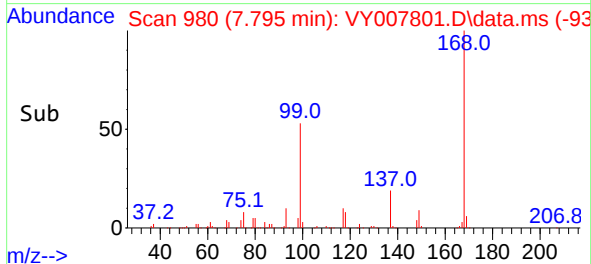
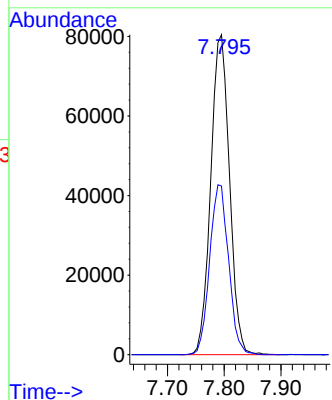
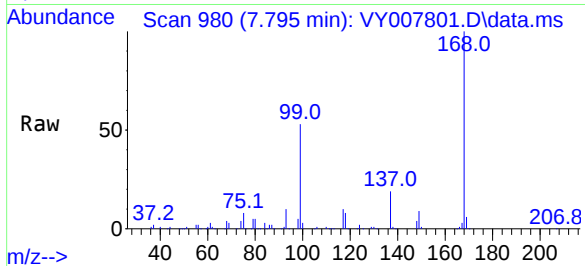




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

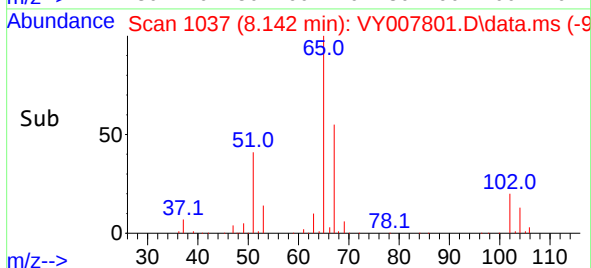
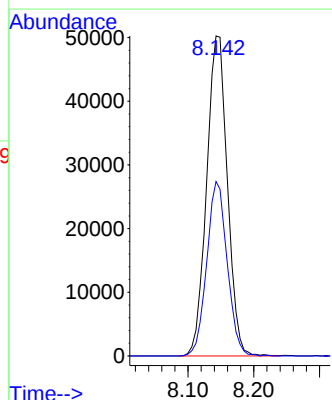
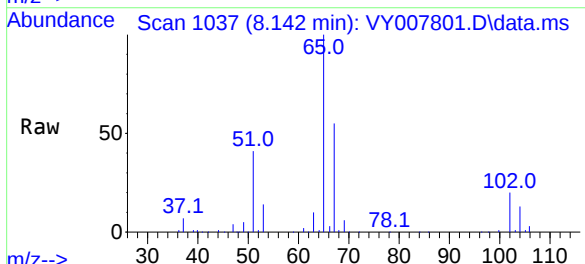
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

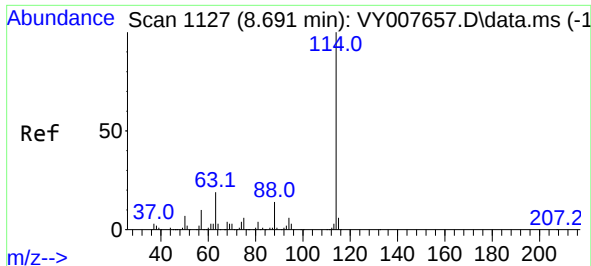
Tgt Ion:168 Resp: 184632
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.160 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Tgt Ion: 65 Resp: 110487
Ion Ratio Lower Upper
65 100
67 53.7 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: VY007801.D

Acq: 09 Mar 2022 13:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBL01

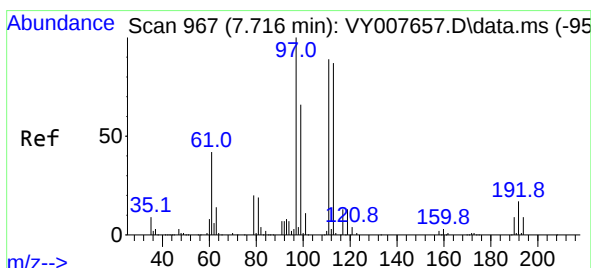
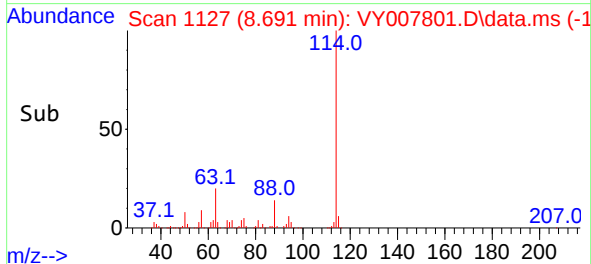
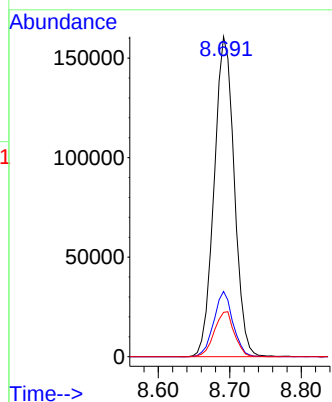
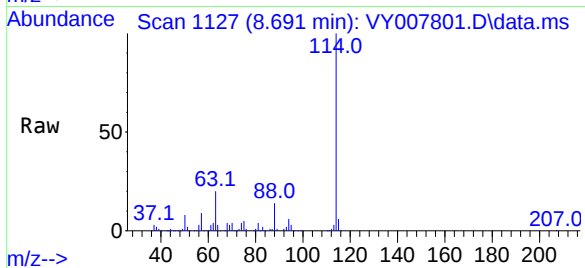
Tgt Ion:114 Resp: 313854

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.823 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007801.D

Acq: 09 Mar 2022 13:45

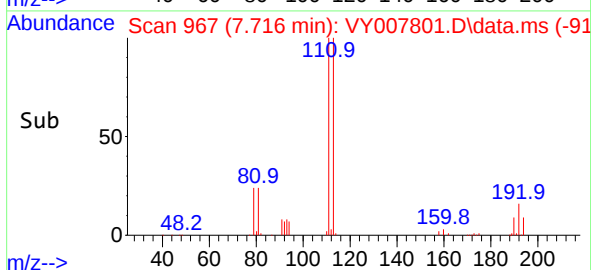
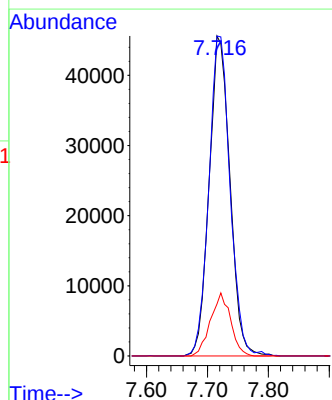
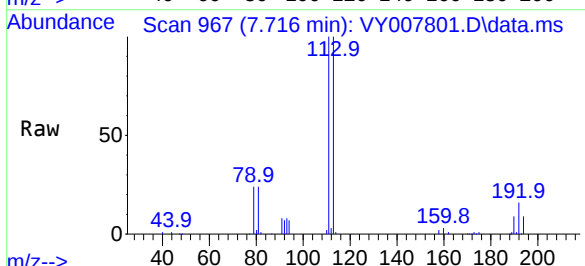
Tgt Ion:113 Resp: 107999

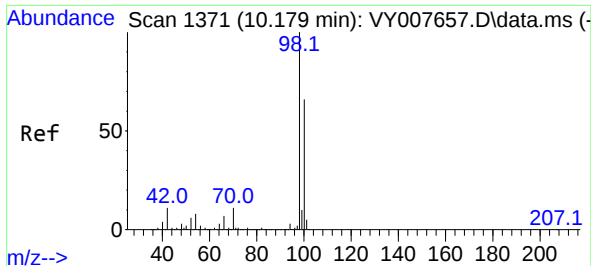
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 19.1 17.6 26.4

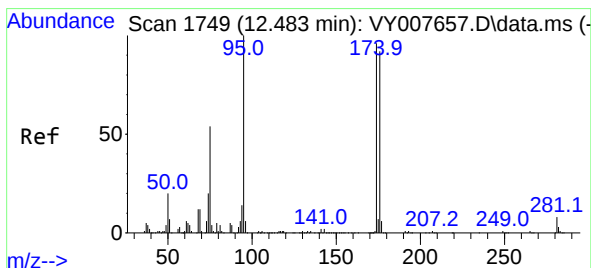
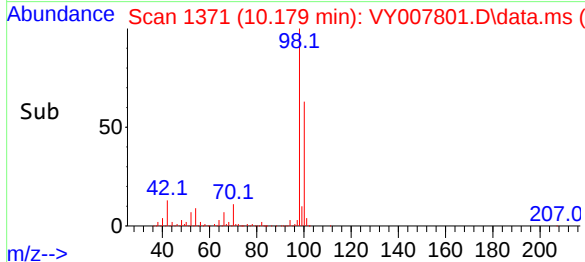
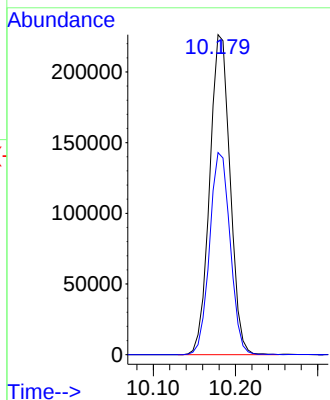
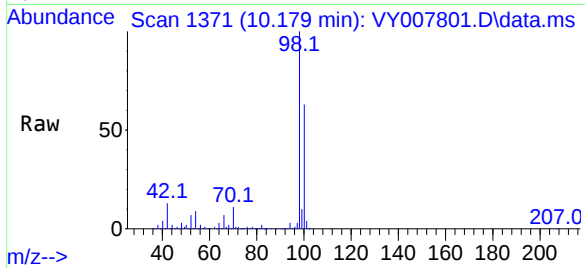




#50
Toluene-d8
Concen: 52.796 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

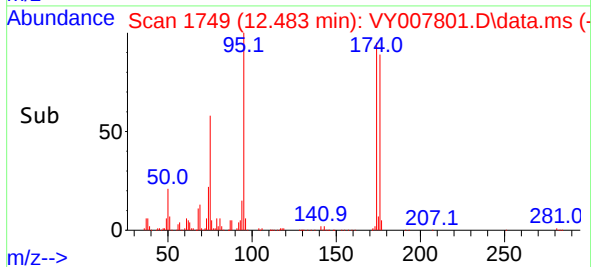
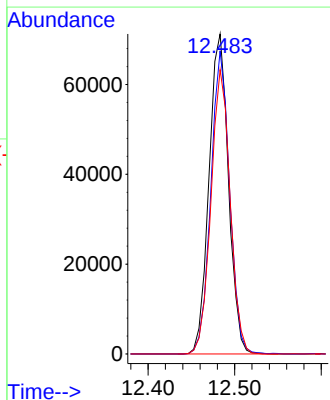
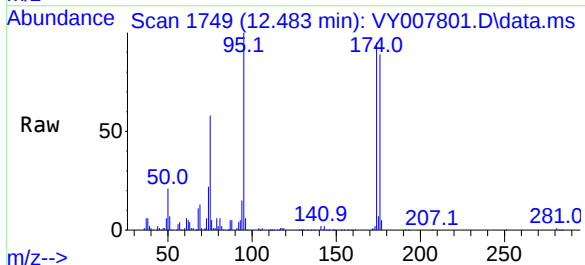
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

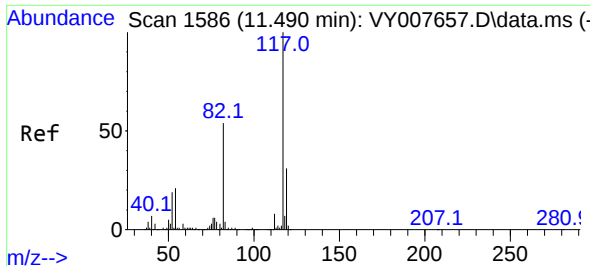
Tgt Ion: 98 Resp: 389966
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.630 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Tgt Ion: 95 Resp: 111023
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 87.7 0.0 175.8

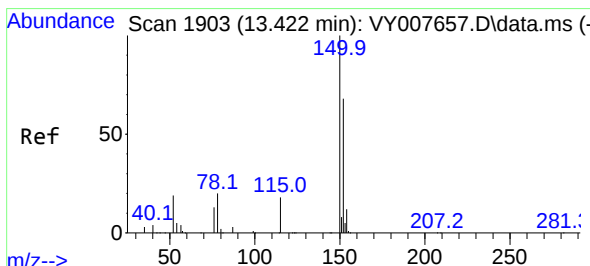
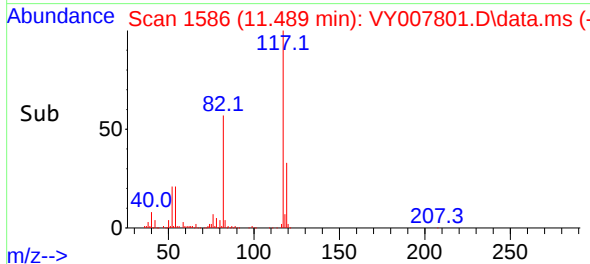
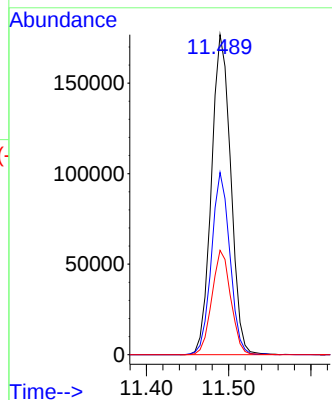
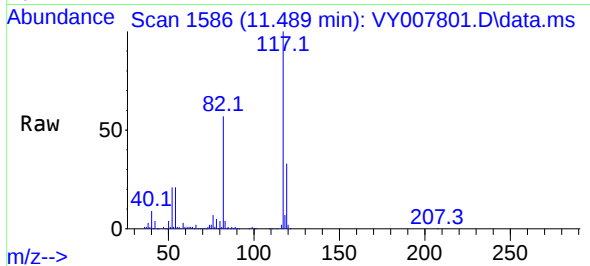




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

Tgt Ion:117 Resp: 288591
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Tgt Ion:152 Resp: 124769
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 158.8 0.0 347.6

