

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007766.D
 Acq On : 07 Mar 2022 19:05
 Operator : SY/MD
 Sample : N1793-16
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10

Quant Time: Mar 08 03:04:30 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	7.789	168	257742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	438162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	393945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177251	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	169431	62.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.580%
35) Dibromofluoromethane	7.716	113	145758	52.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.060%
50) Toluene-d8	10.179	98	537973	52.171	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.340%
62) 4-Bromofluorobenzene	12.483	95	174800	52.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.180%

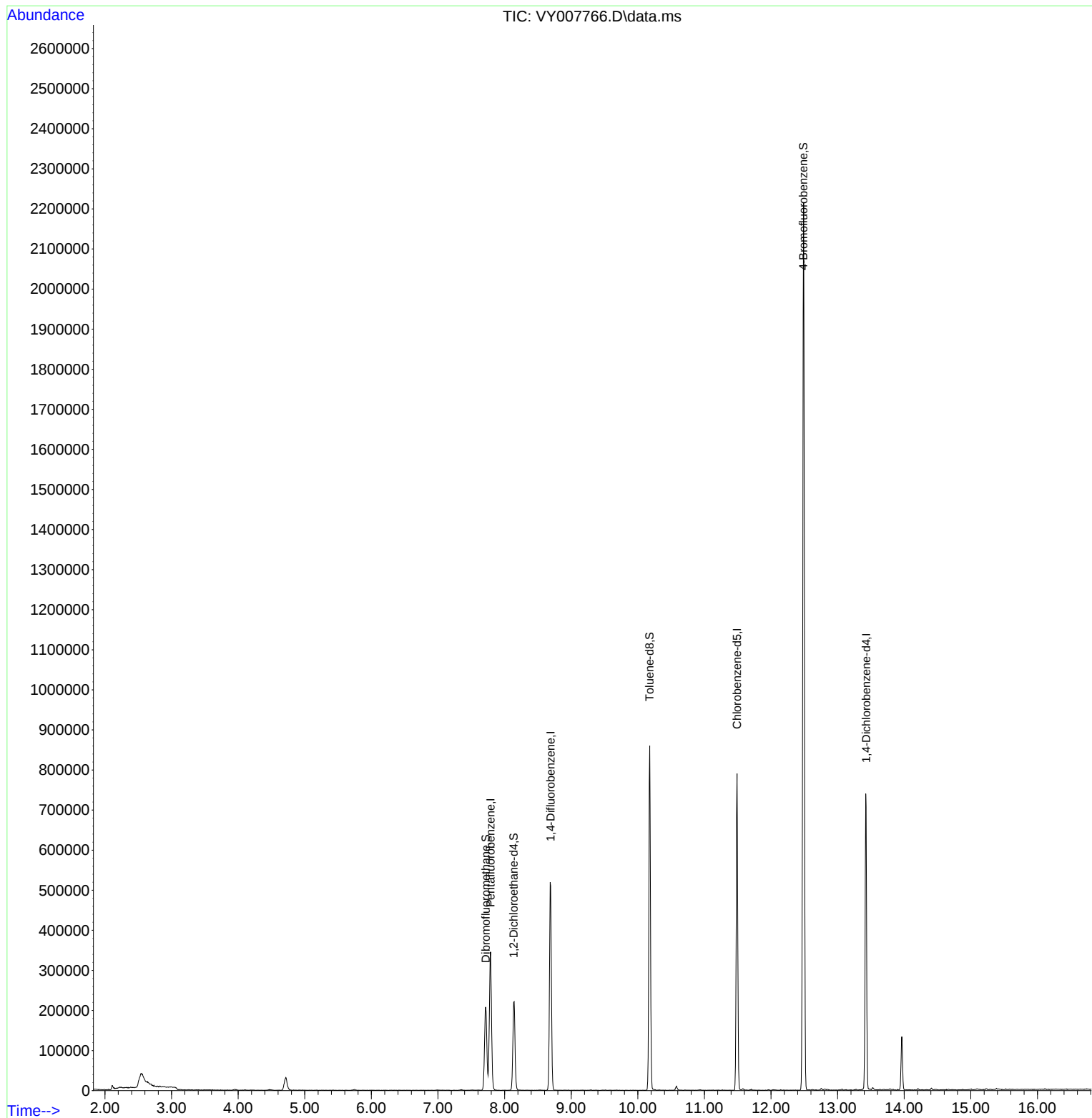
Target Compounds	Qvalue

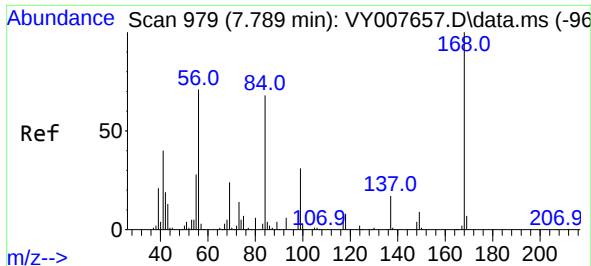
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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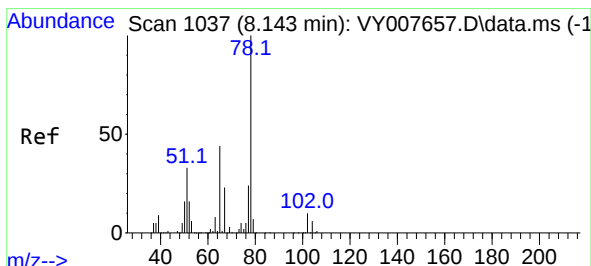
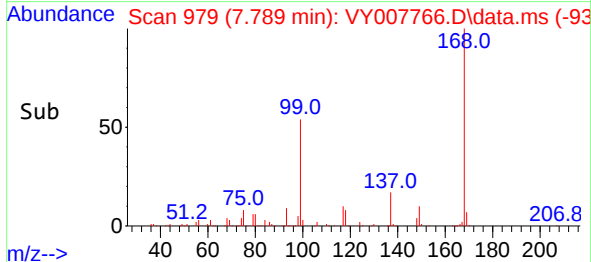
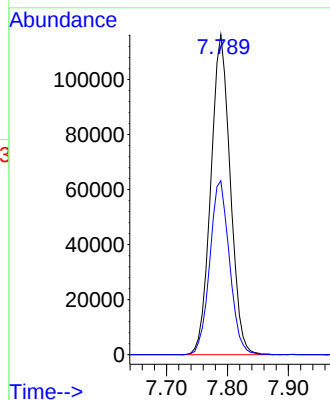
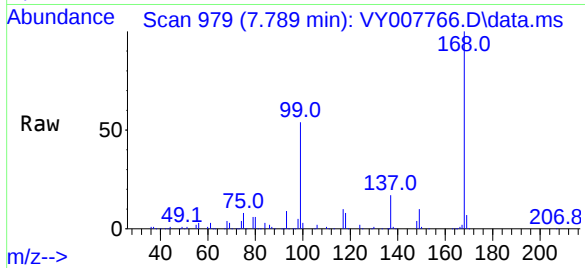




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

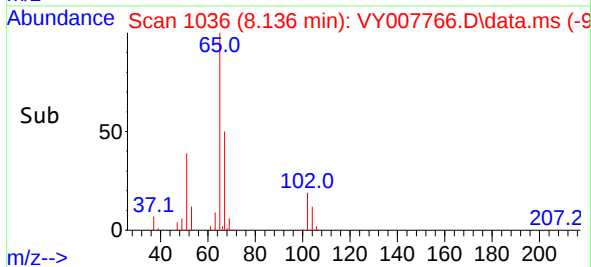
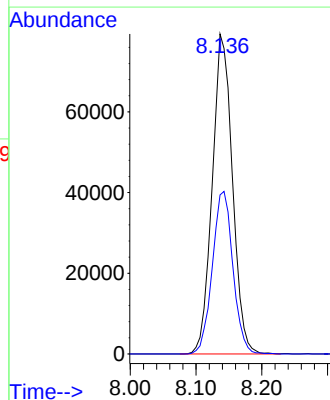
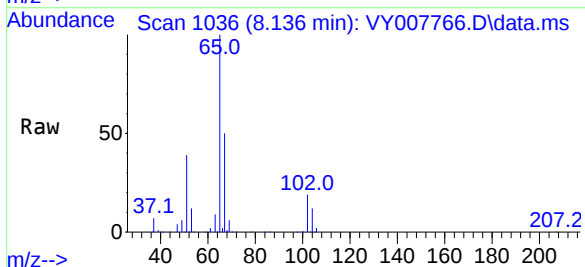
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

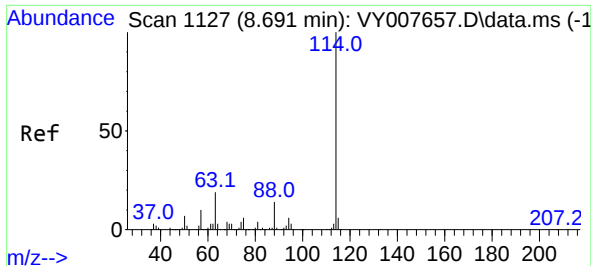
Tgt Ion:168 Resp: 257742
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.791 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

Tgt Ion: 65 Resp: 169431
Ion Ratio Lower Upper
65 100
67 51.8 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: VY007766.D

Acq: 07 Mar 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-10

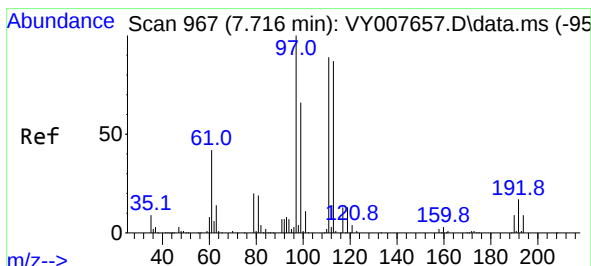
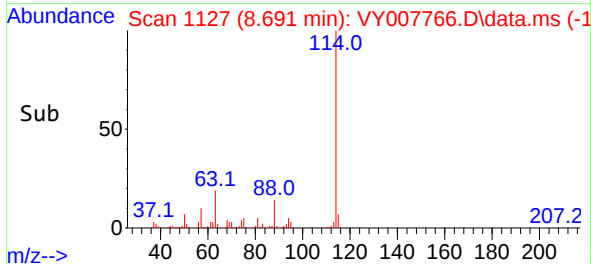
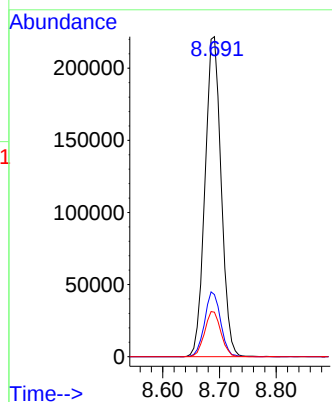
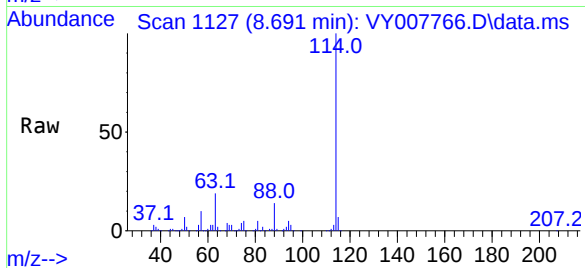
Tgt Ion:114 Resp: 438162

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.032 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007766.D

Acq: 07 Mar 2022 19:05

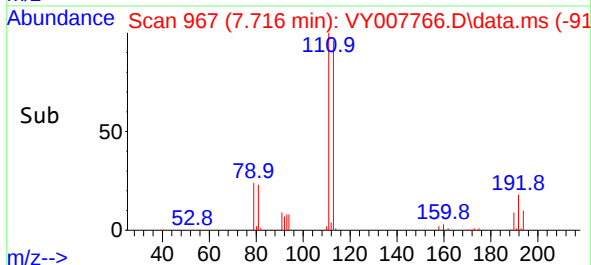
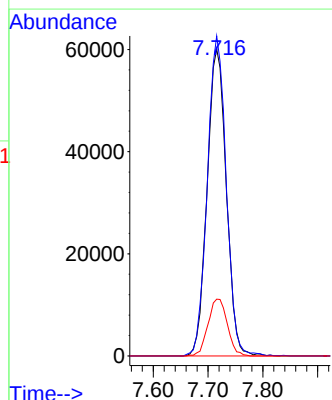
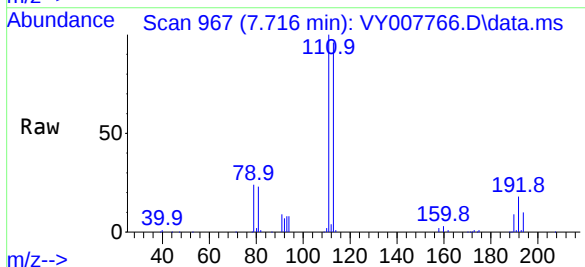
Tgt Ion:113 Resp: 145758

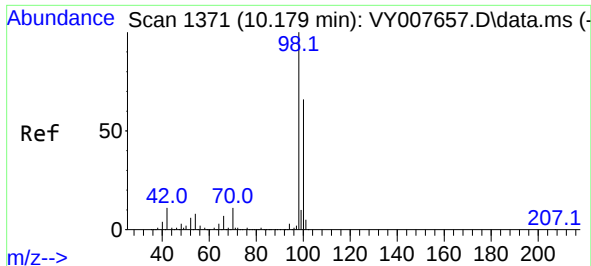
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 18.7 17.6 26.4

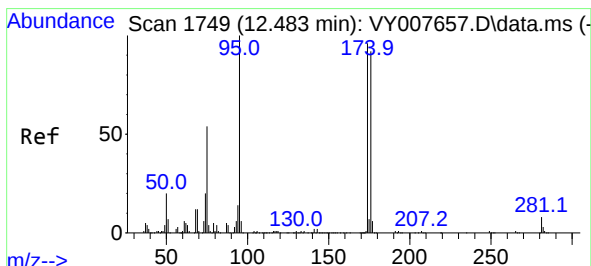
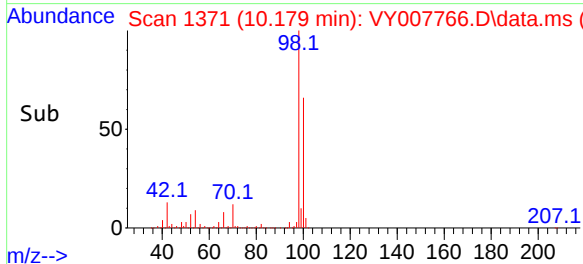
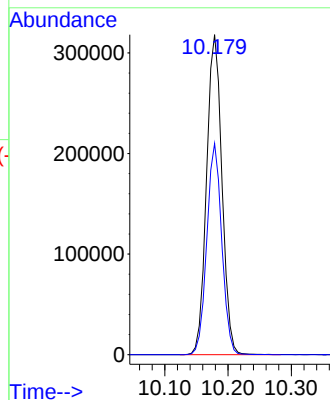
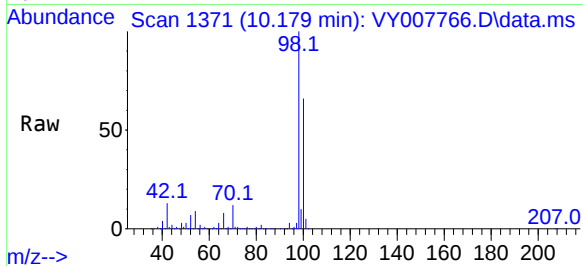




#50
Toluene-d8
Concen: 52.171 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

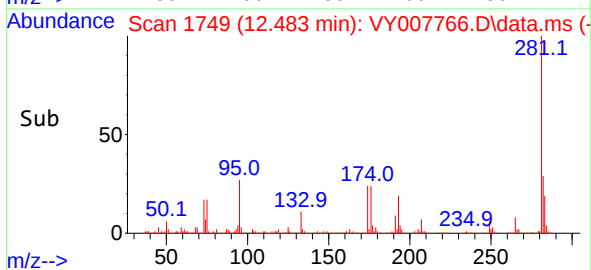
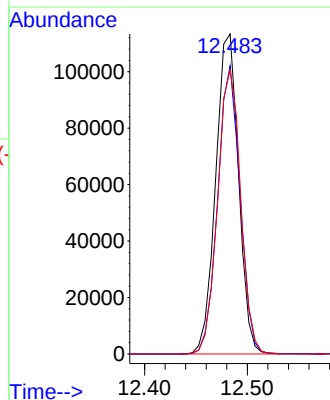
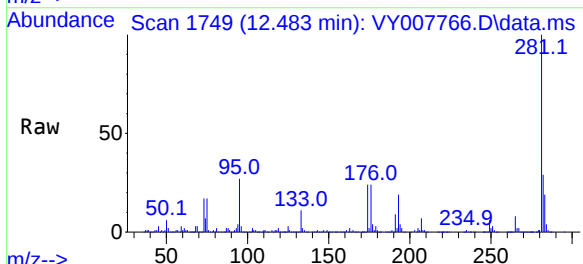
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

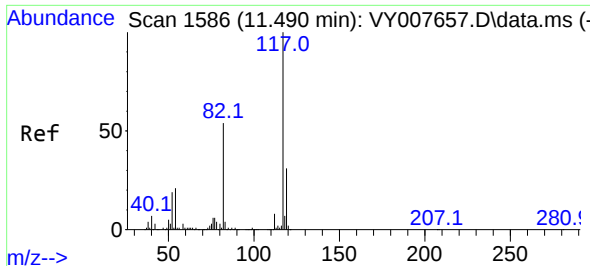
Tgt Ion: 98 Resp: 537973
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

Tgt Ion: 95 Resp: 174800
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 89.3 0.0 175.8

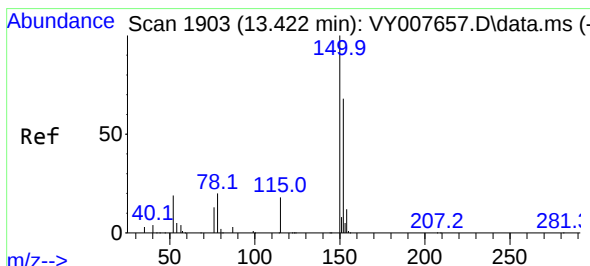
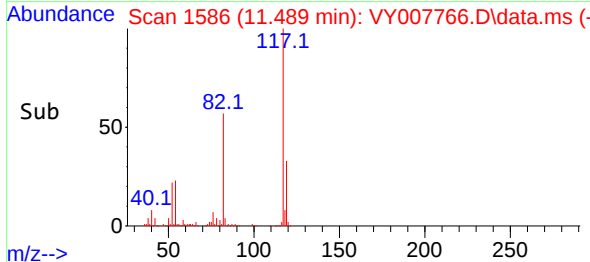
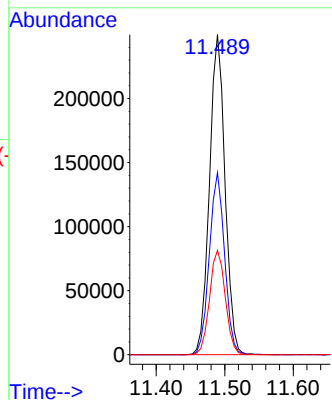
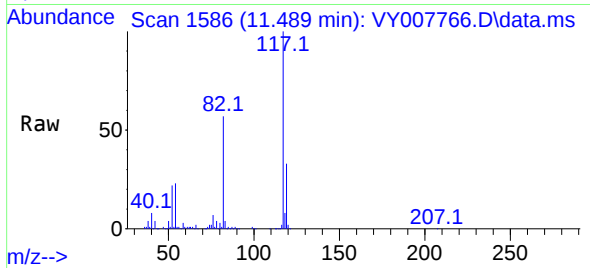




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-10

Tgt Ion:117 Resp: 393945
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: VY007766.D
Acq: 07 Mar 2022 19:05

Tgt Ion:152 Resp: 177251
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 156.6 0.0 347.6

