

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008158.D
 Acq On : 01 Apr 2022 14:07
 Operator : SY/MD
 Sample : N2219-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Apr 02 03:56:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	115233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63425	54.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.720%
35) Dibromofluoromethane	7.716	113	66559	50.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.740%
50) Toluene-d8	10.179	98	251129	50.941	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.483	95	87567	50.347	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.700%

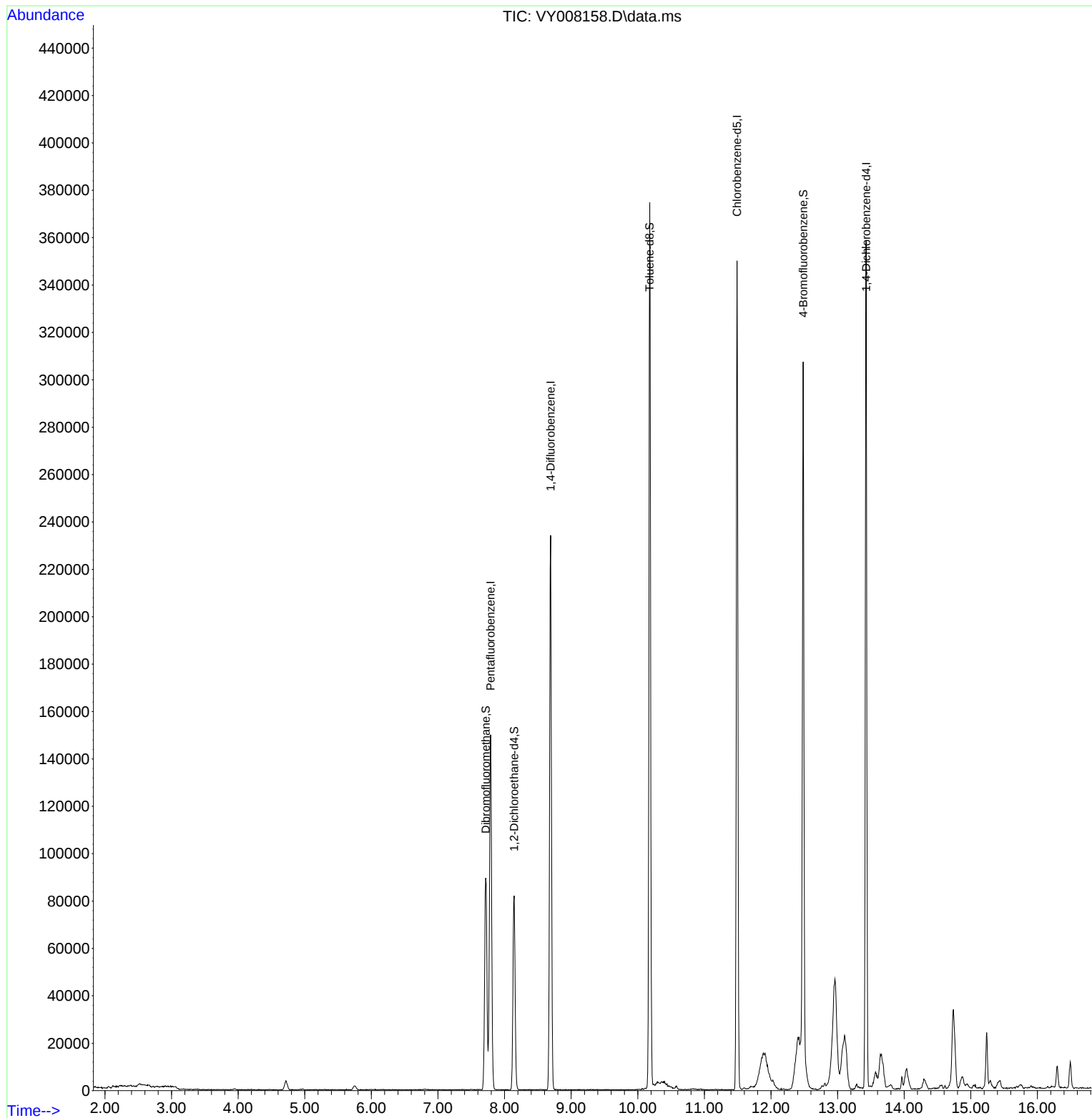
Target Compounds	Qvalue

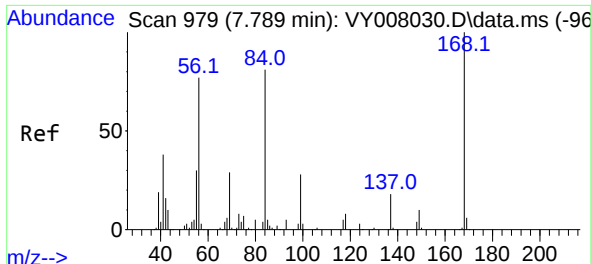
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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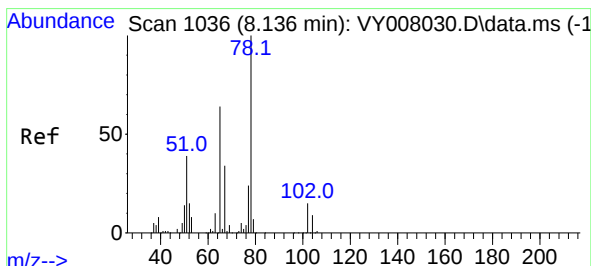
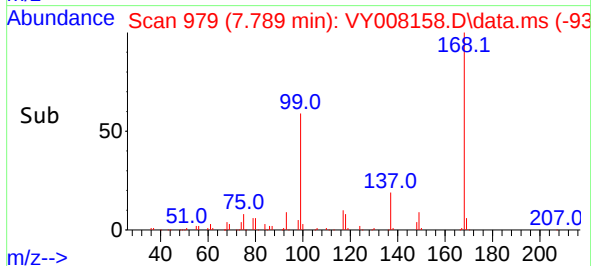
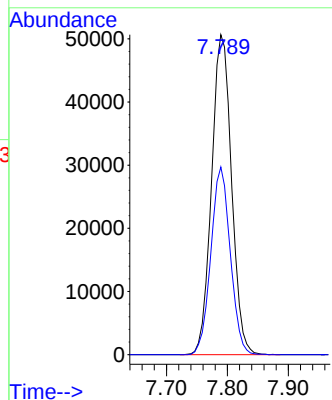
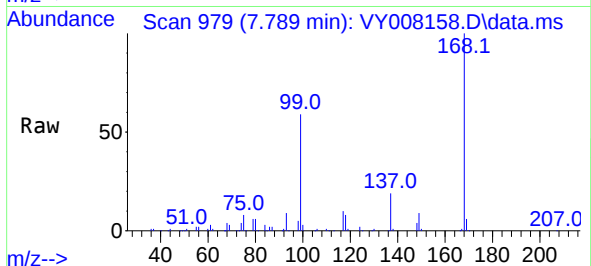




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

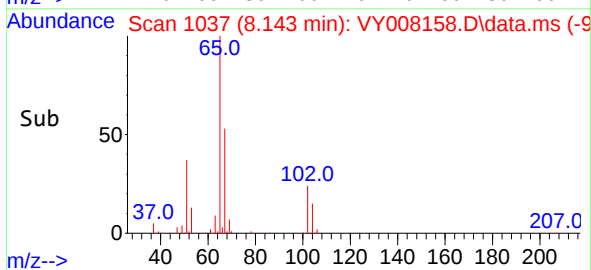
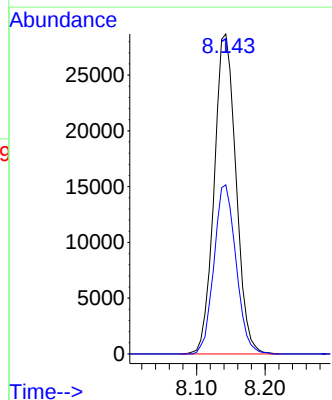
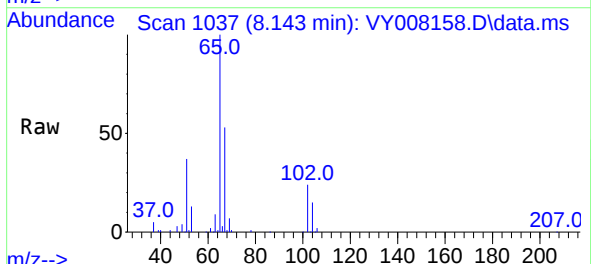
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

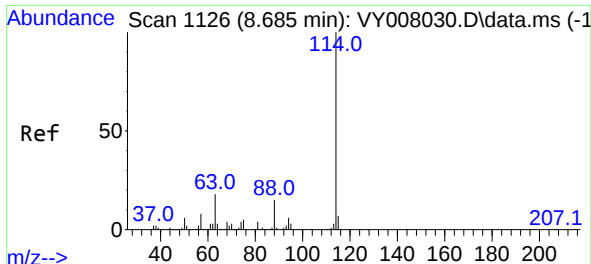
Tgt Ion:168 Resp: 115233
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.860 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 65 Resp: 63425
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008158.D

Acq: 01 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

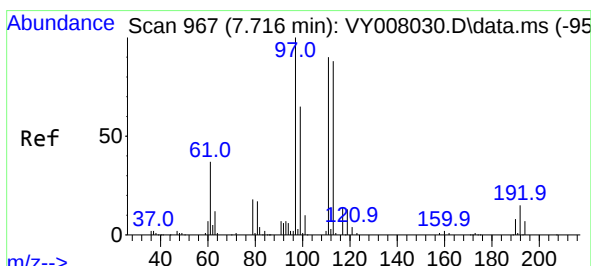
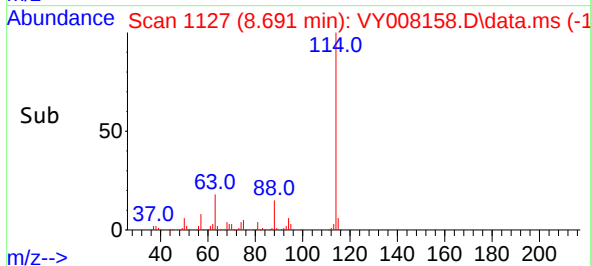
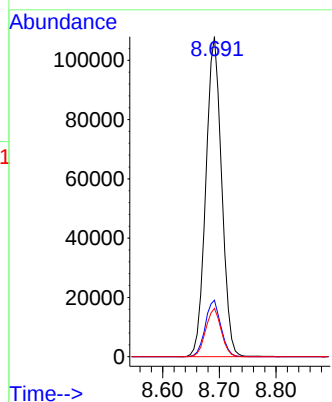
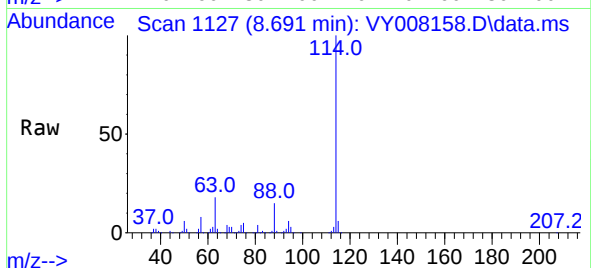
Tgt Ion:114 Resp: 208703

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.866 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008158.D

Acq: 01 Apr 2022 14:07

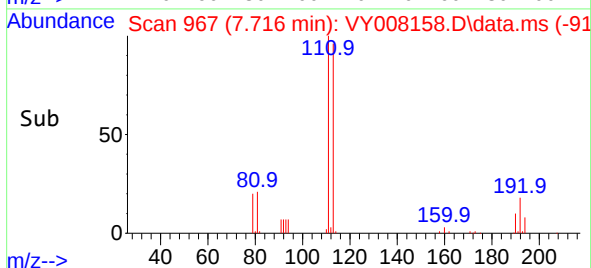
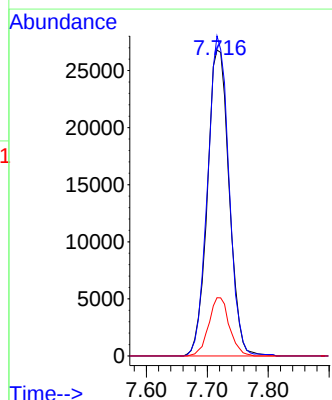
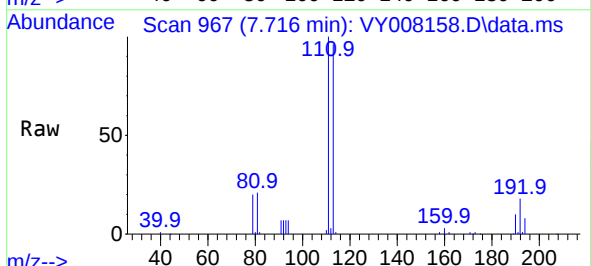
Tgt Ion:113 Resp: 66559

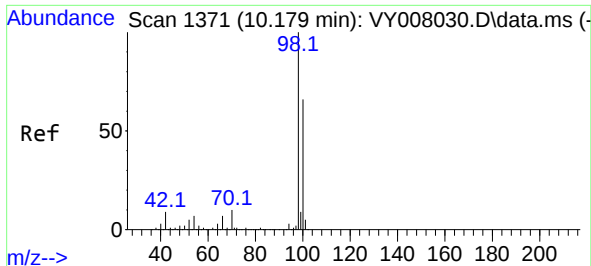
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 18.1 17.6 26.4

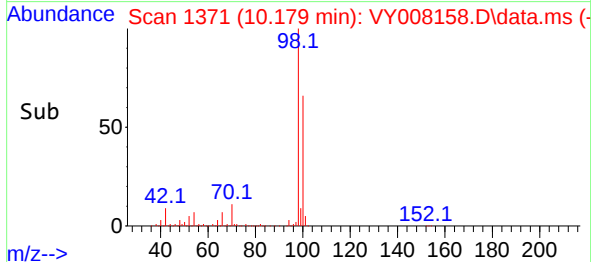
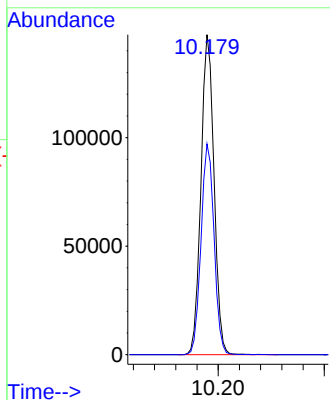
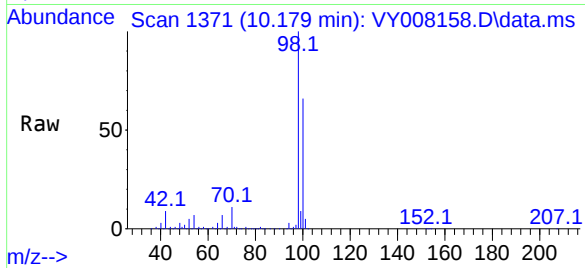




#50
Toluene-d8
Concen: 50.941 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

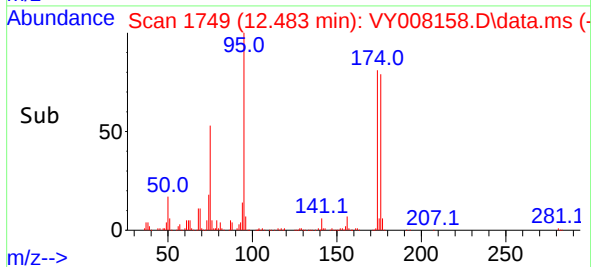
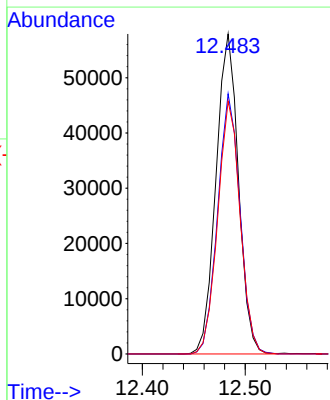
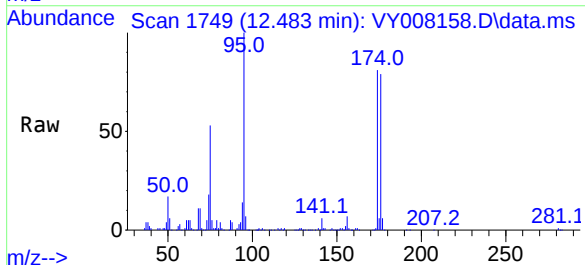
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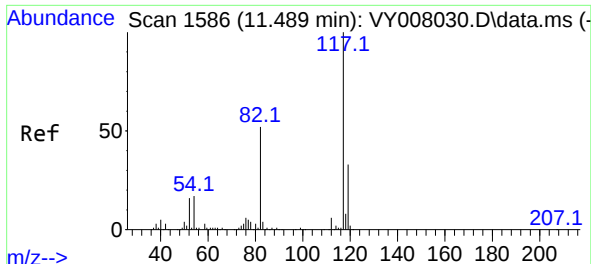
Tgt Ion: 98 Resp: 251129
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.347 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 95 Resp: 87567
Ion Ratio Lower Upper
95 100
174 81.0 0.0 177.0
176 78.9 0.0 175.8

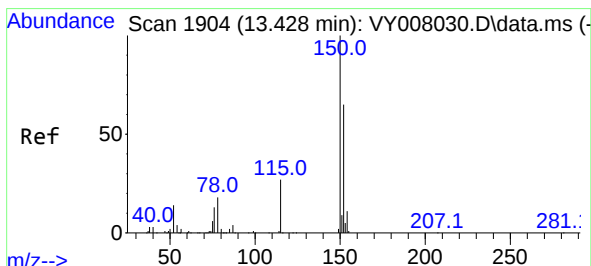
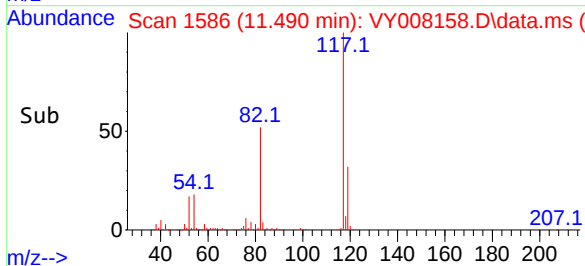
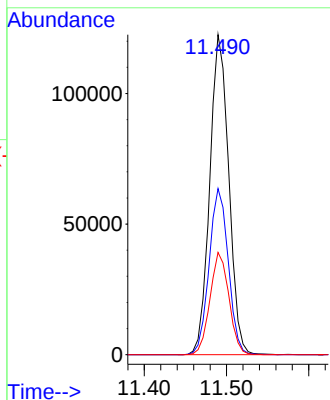
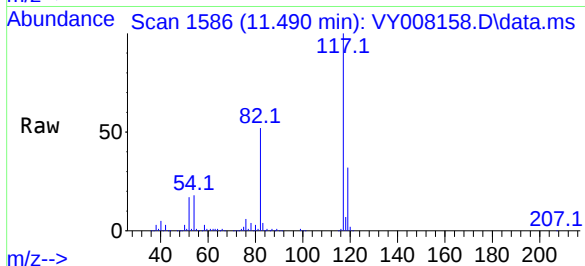




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 196821
Ion Ratio Lower Upper
117 100
82 51.9 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: VY008158.D
Acq: 01 Apr 2022 14:07

Tgt Ion:152 Resp: 89527
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 156.9 0.0 347.6

