

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011063.D
 Acq On : 24 Oct 2022 12:57
 Operator : KP/MD
 Sample : N5217-13RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-L1-3.5-4.0RE

Quant Time: Oct 25 05:39:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	18624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	29161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	25154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9689	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	12963	75.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.120%
35) Dibromofluoromethane	7.716	113	10613	65.979	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.960%
50) Toluene-d8	10.179	98	36897	60.598	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.200%
62) 4-Bromofluorobenzene	12.477	95	11049	51.308	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.620%

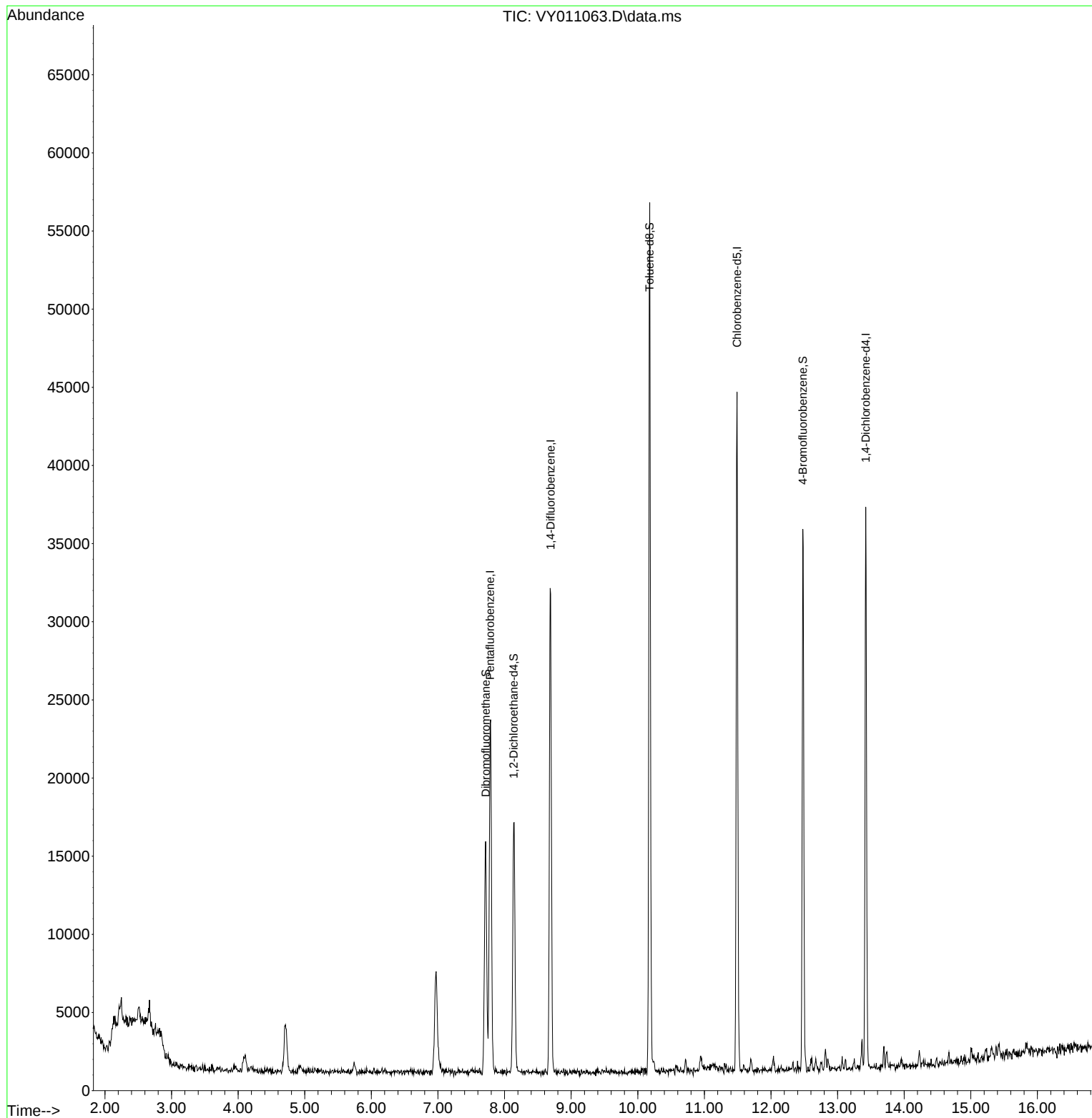
Target Compounds	Qvalue

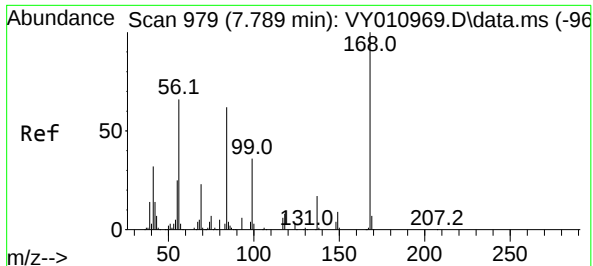
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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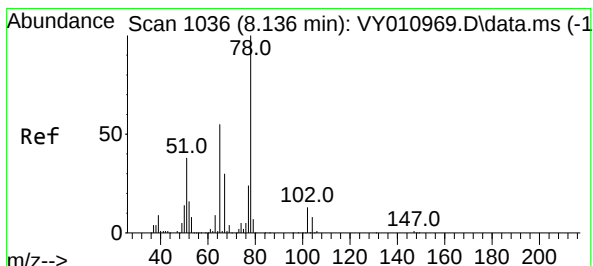
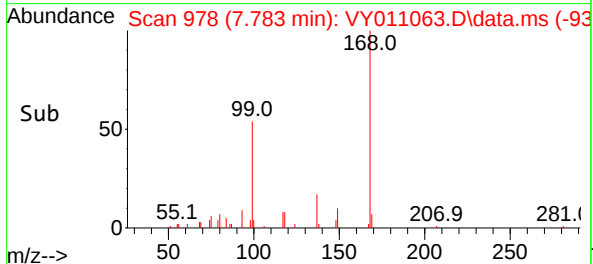
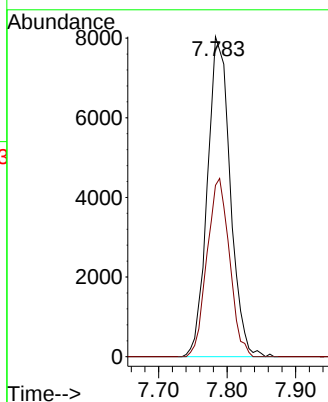
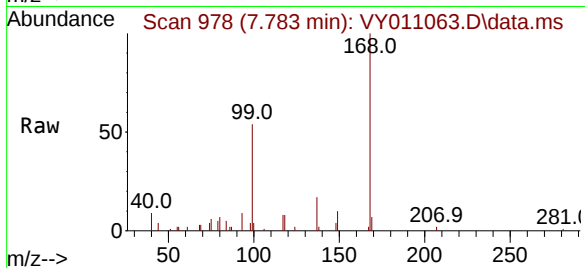




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011063.D
Acq: 24 Oct 2022 12:57

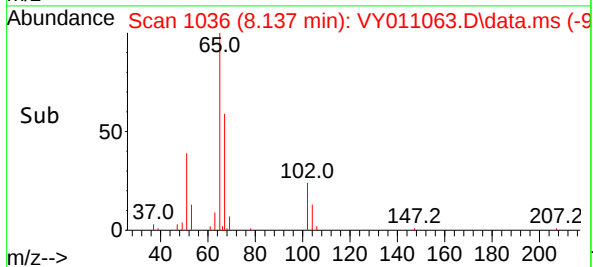
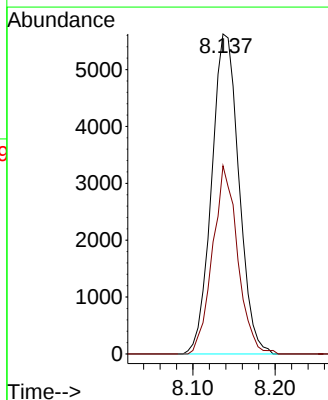
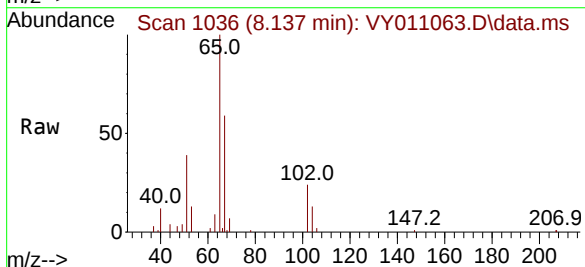
Instrument :
MSVOA_Y
ClientSampleId :
SB-L1-3.5-4.0RE

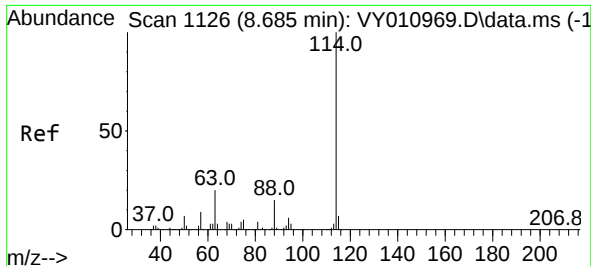
Tgt Ion:168 Resp: 18624
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 75.562 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011063.D
Acq: 24 Oct 2022 12:57

Tgt Ion: 65 Resp: 12963
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011063.D

Acq: 24 Oct 2022 12:57

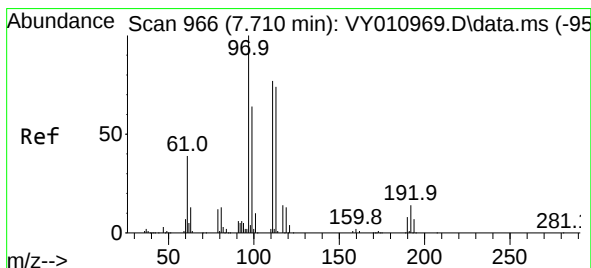
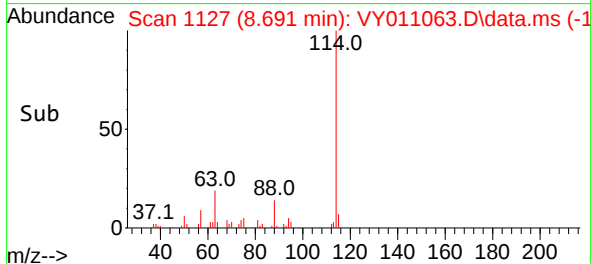
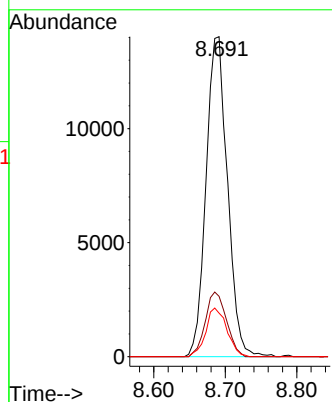
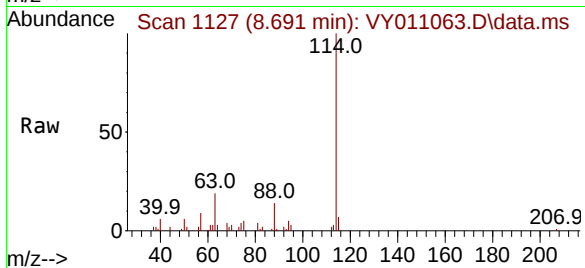
Instrument :

MSVOA_Y

ClientSampleId :

SB-L1-3.5-4.0RE

Tgt Ion:	114	Resp:	29161
Ion Ratio	Lower	Upper	
114	100		
63	18.8	0.0	43.2
88	13.6	0.0	31.8



#35

Dibromofluoromethane

Concen: 65.979 ug/l

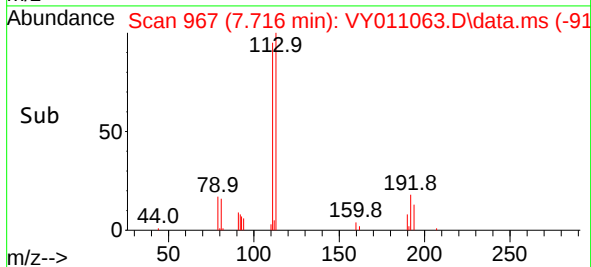
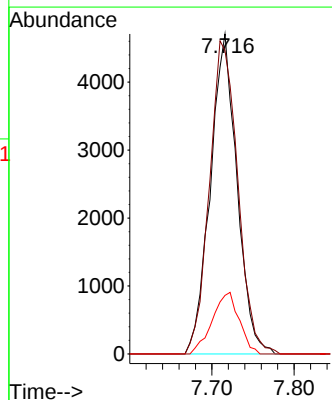
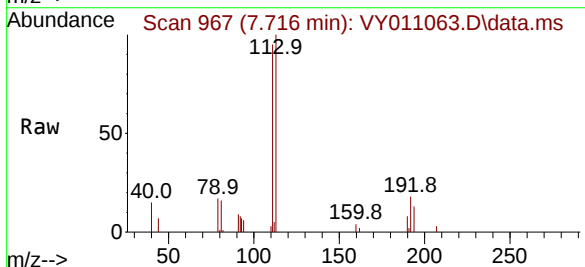
RT: 7.716 min Scan# 967

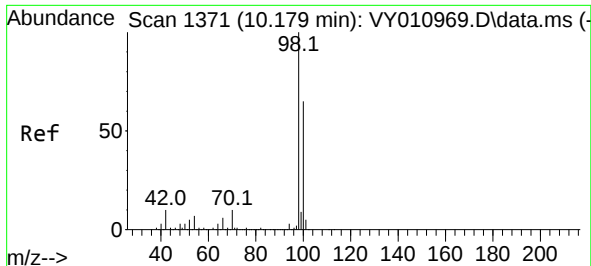
Delta R.T. 0.006 min

Lab File: VY011063.D

Acq: 24 Oct 2022 12:57

Tgt Ion:	113	Resp:	10613
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.6	124.0
192	19.4	17.6	26.4

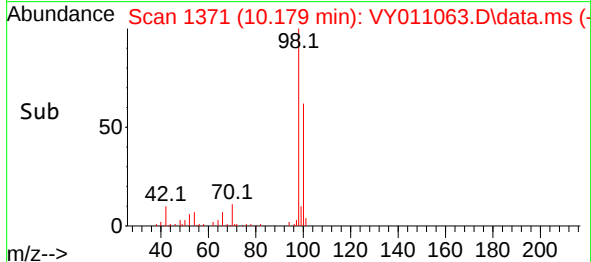
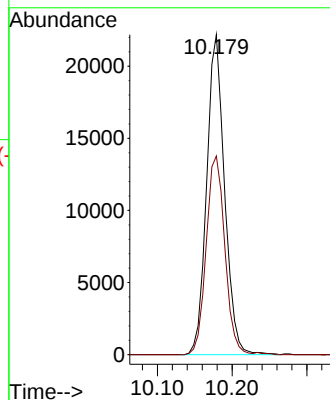
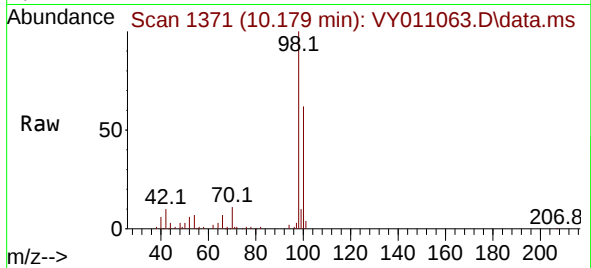




#50
Toluene-d8
Concen: 60.598 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011063.D
Acq: 24 Oct 2022 12:57

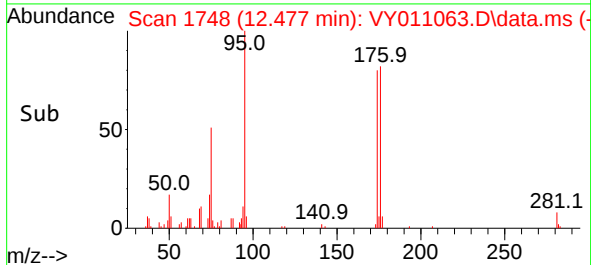
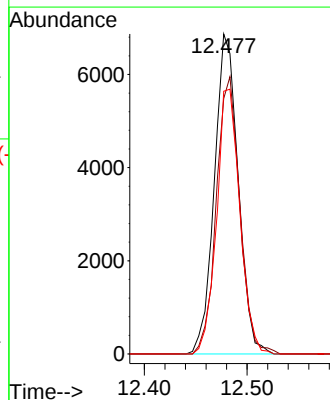
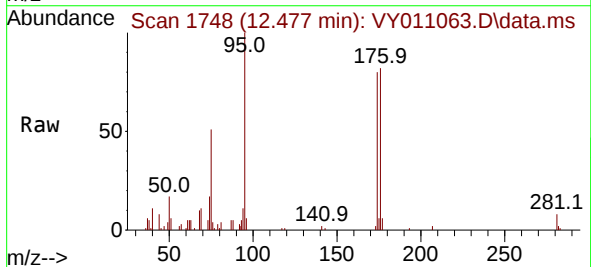
Instrument :
MSVOA_Y
ClientSampleId :
SB-L1-3.5-4.0RE

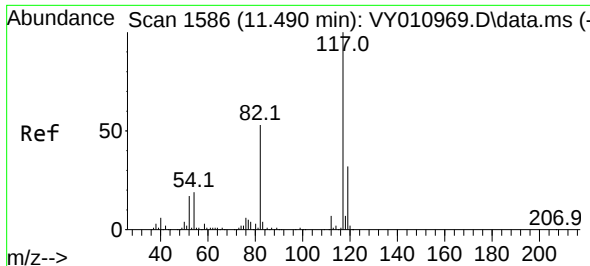
Tgt Ion: 98 Resp: 36897
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.308 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011063.D
Acq: 24 Oct 2022 12:57

Tgt Ion: 95 Resp: 11049
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 80.8 0.0 175.8

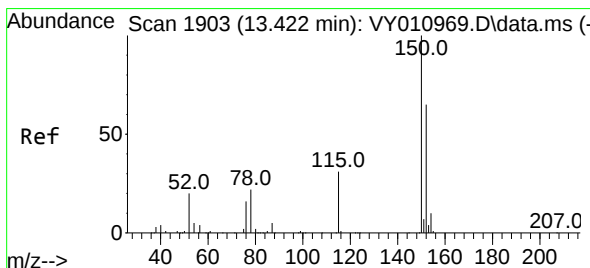
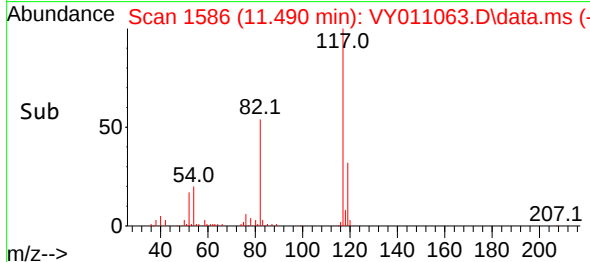
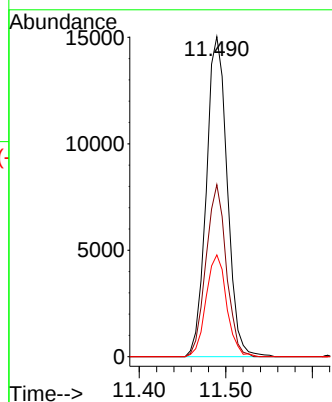
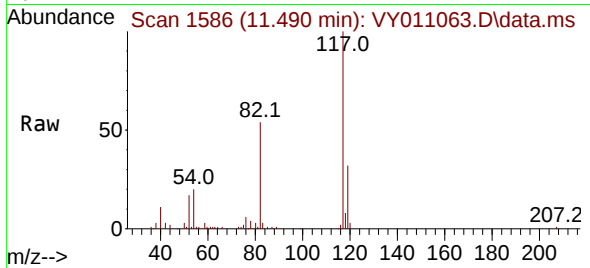




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011063.D
Acq: 24 Oct 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-L1-3.5-4.0RE

Tgt Ion:117	Resp:	25154
Ion Ratio	Lower	Upper
117	100	
82	53.8	43.0 64.4
119	31.8	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011063.D
Acq: 24 Oct 2022 12:57

Tgt Ion:152	Resp:	9689
Ion Ratio	Lower	Upper
152	100	
115	57.4	28.2 84.7
150	155.6	0.0 347.6

