

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010669.D
 Acq On : 26 Sep 2022 14:34
 Operator : KP/MD
 Sample : N4742-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-6.5-7.0RE

Quant Time: Sep 27 06:26:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	3356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	5230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1744	54.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.660%	
35) Dibromofluoromethane	7.710	113	746	22.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 44.700%#	
50) Toluene-d8	10.185	98	4536	37.597	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	= 75.200%	
62) 4-Bromofluorobenzene	12.483	95	1158	23.883	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 47.760%	

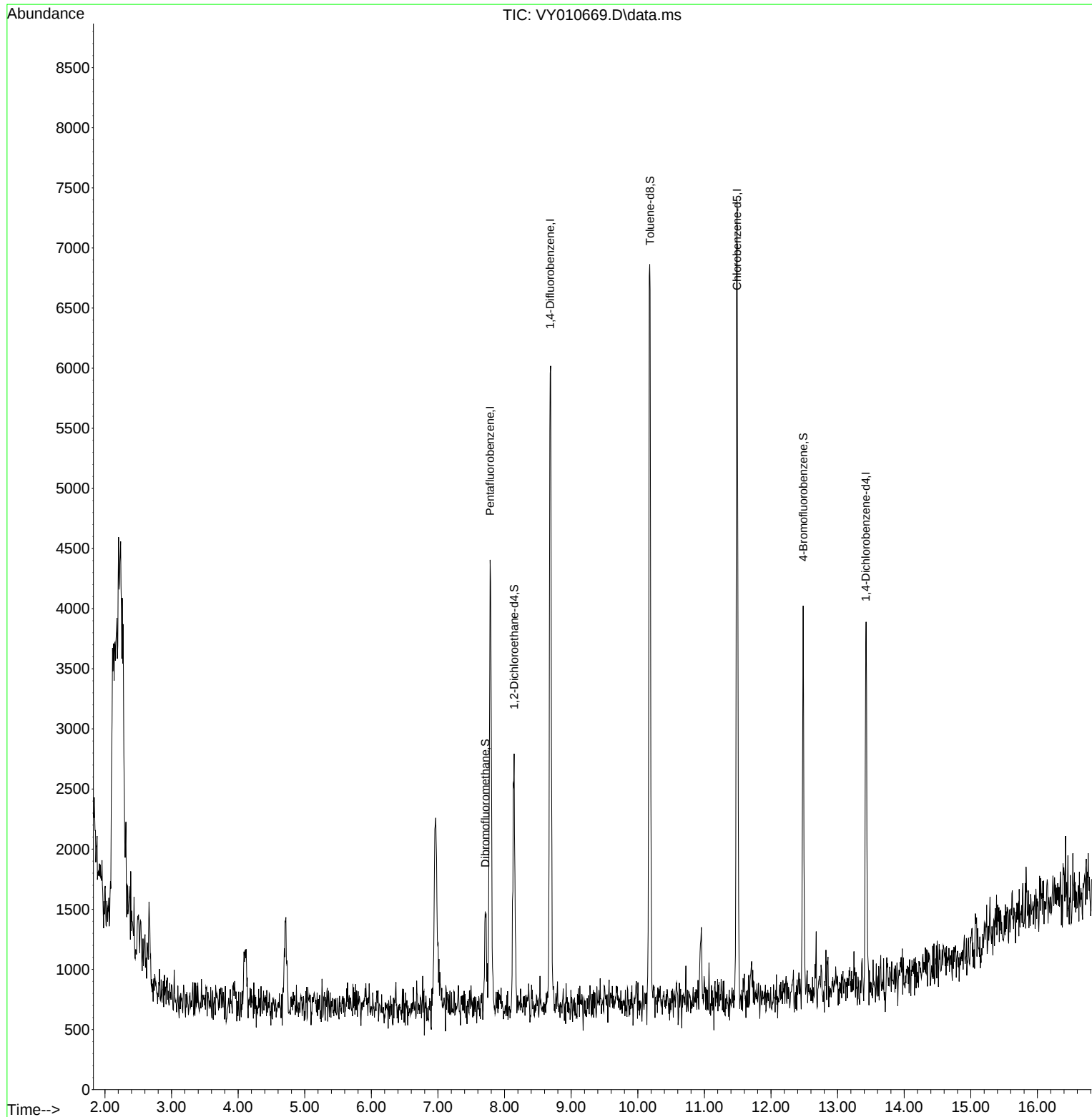
Target Compounds	Qvalue

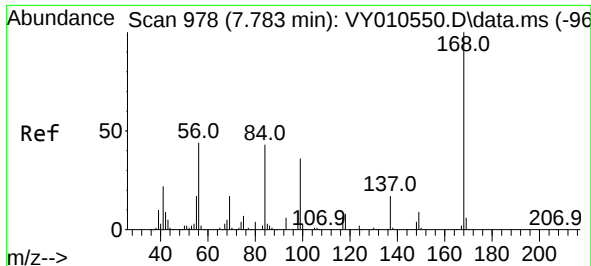
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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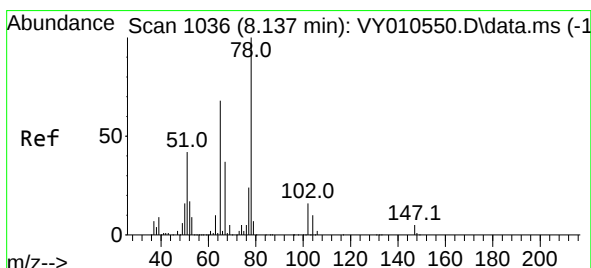
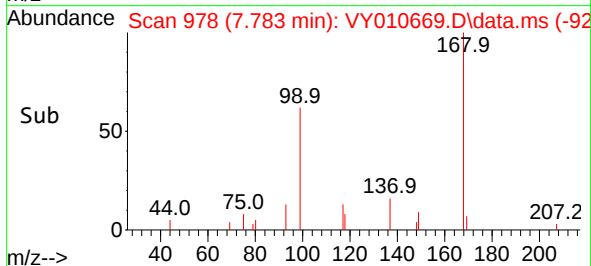
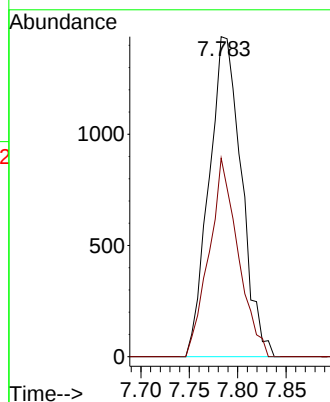
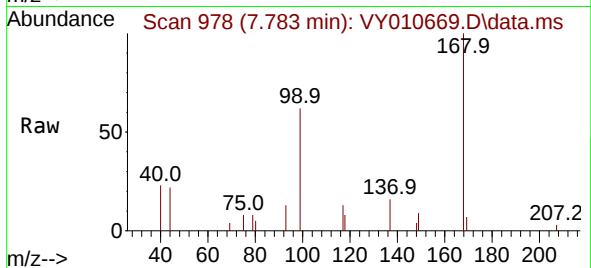




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010669.D
Acq: 26 Sep 2022 14:34

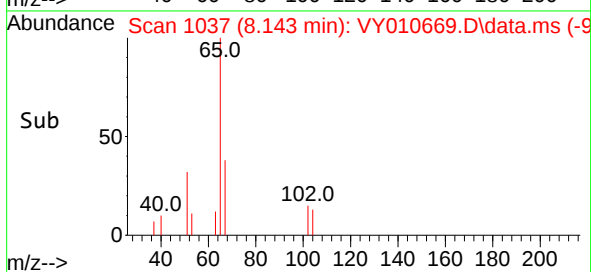
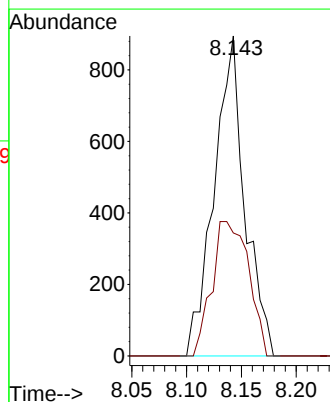
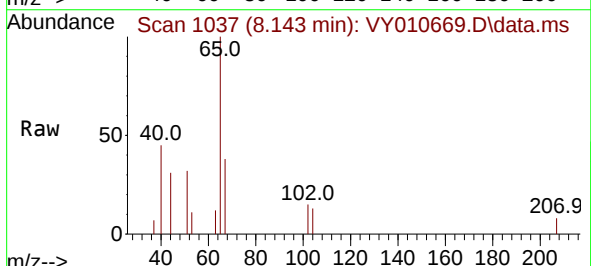
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-6.5-7.0RE

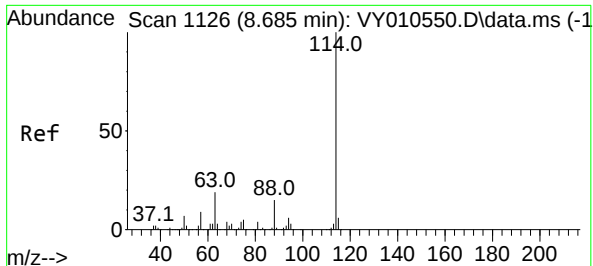
Tgt Ion:168 Resp: 3356
Ion Ratio Lower Upper
168 100
99 62.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.331 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY010669.D
Acq: 26 Sep 2022 14:34

Tgt Ion: 65 Resp: 1744
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010669.D

Acq: 26 Sep 2022 14:34

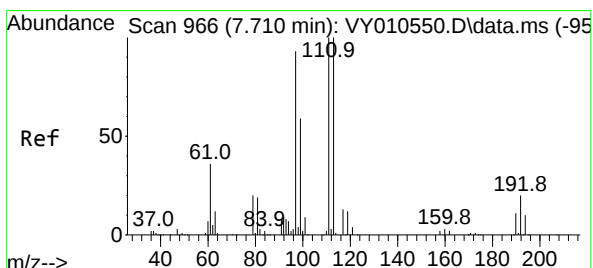
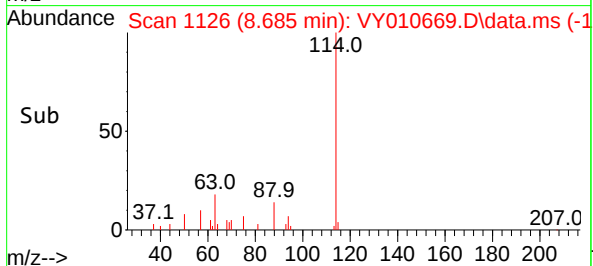
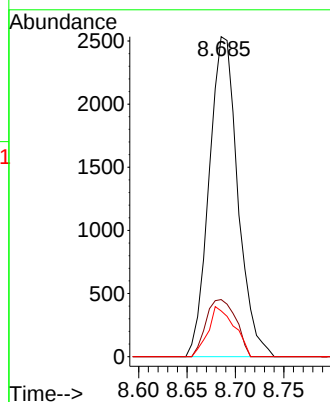
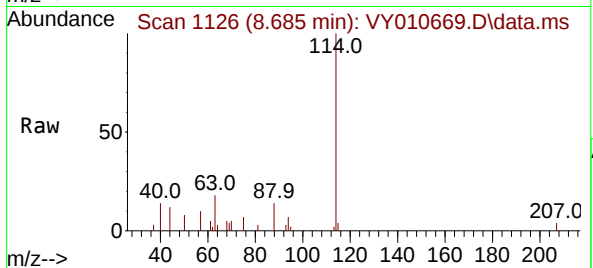
Instrument :

MSVOA_Y

ClientSampleId :

SB-08-6.5-7.0RE

Tgt Ion:114	Resp:	5230
Ion	Ratio	Lower Upper
114	100	
63	17.9	0.0 43.2
88	14.3	0.0 31.8



#35

Dibromofluoromethane

Concen: 22.350 ug/l

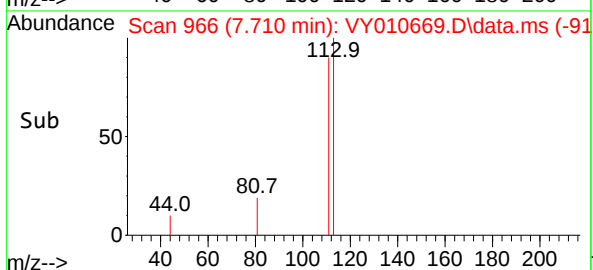
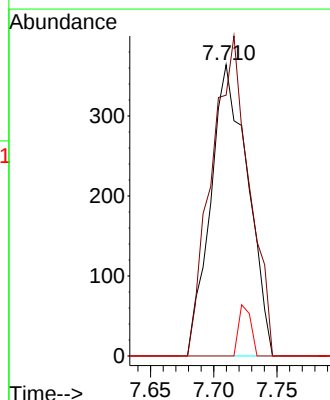
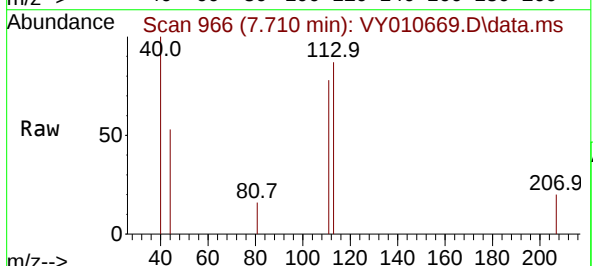
RT: 7.710 min Scan# 966

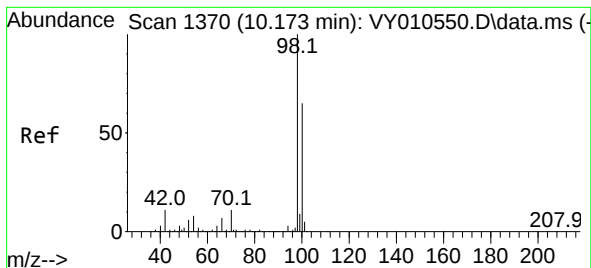
Delta R.T. -0.000 min

Lab File: VY010669.D

Acq: 26 Sep 2022 14:34

Tgt Ion:113	Resp:	746
Ion	Ratio	Lower Upper
113	100	
111	110.7	82.6 124.0
192	5.8	17.6 26.4





#50

Toluene-d8

Concen: 37.597 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY010669.D

Acq: 26 Sep 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

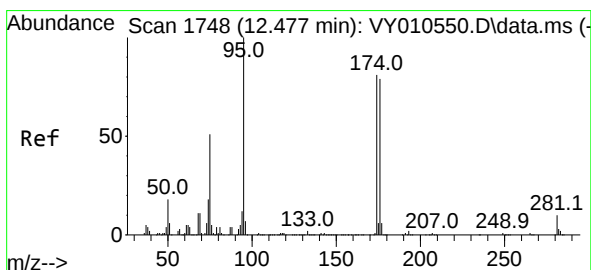
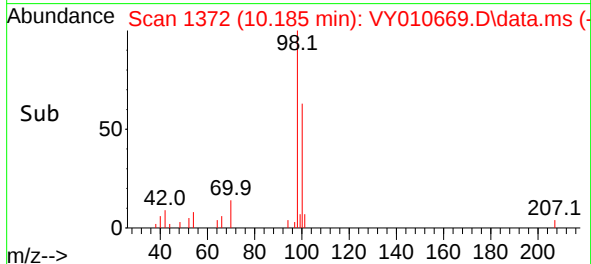
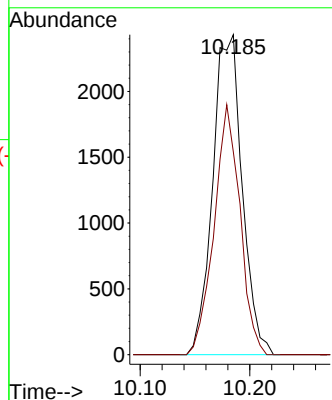
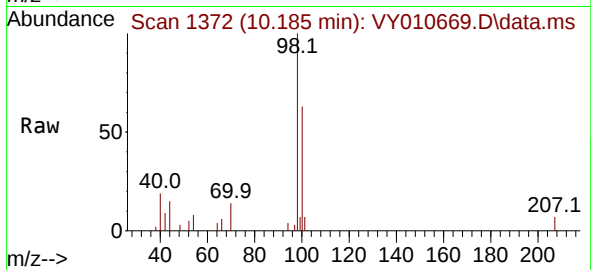
SB-08-6.5-7.0RE

Tgt Ion: 98 Resp: 4536

Ion Ratio Lower Upper

98 100

100 68.7 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 23.883 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010669.D

Acq: 26 Sep 2022 14:34

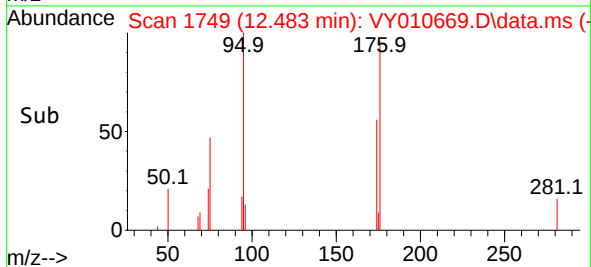
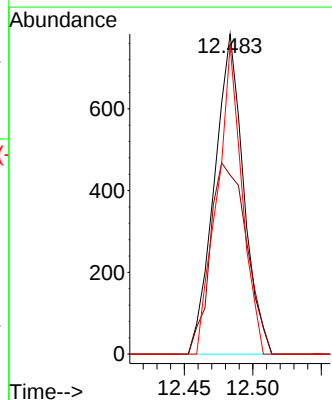
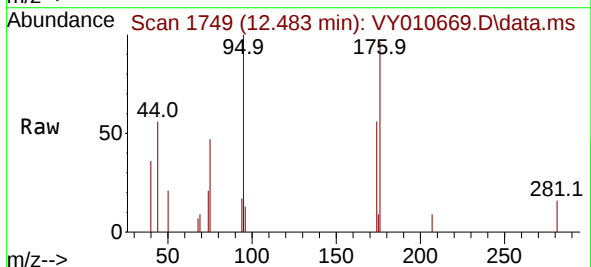
Tgt Ion: 95 Resp: 1158

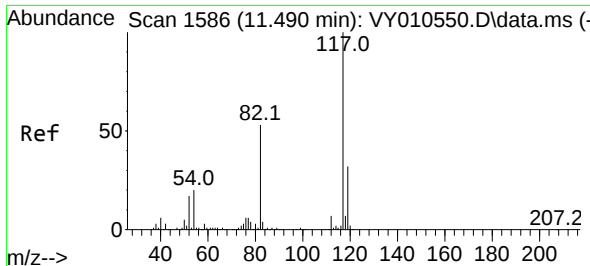
Ion Ratio Lower Upper

95 100

174 74.4 0.0 177.0

176 82.4 0.0 175.8

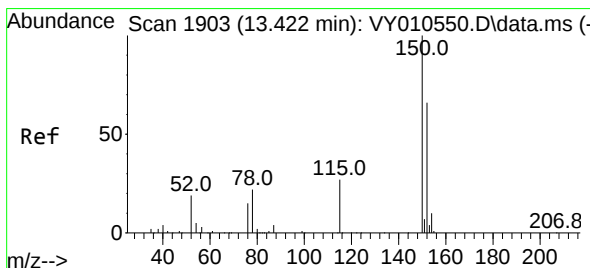
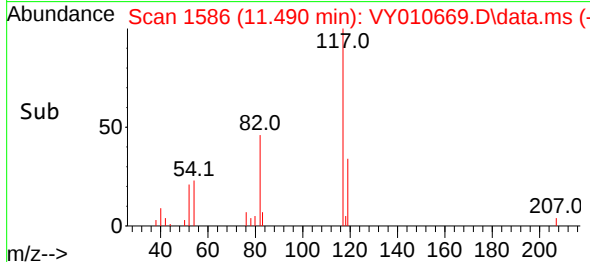
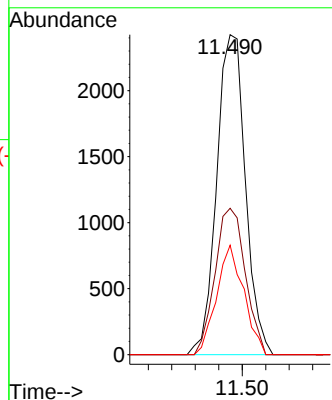
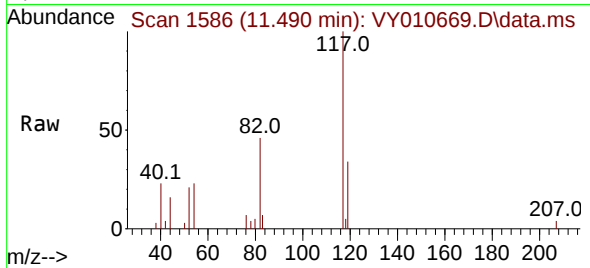




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010669.D
Acq: 26 Sep 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-08-6.5-7.0RE

Tgt Ion:117	Resp:	4115
Ion	Ratio	Lower Upper
117	100	
82	45.8	43.0 64.4
119	34.2	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: VY010669.D
Acq: 26 Sep 2022 14:34

Tgt Ion:152	Resp:	1021
Ion	Ratio	Lower Upper
152	100	
115	60.4	28.2 84.7
150	135.5	0.0 347.6

