

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008691.D
 Acq On : 10 May 2022 19:41
 Operator : KP/MD
 Sample : N2762-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB16

Quant Time: May 11 04:34:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	18716	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	25950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7188	44.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.640%
35) Dibromofluoromethane	7.710	113	7883	49.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.179	98	28149	49.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.483	95	7260	35.809	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.620%

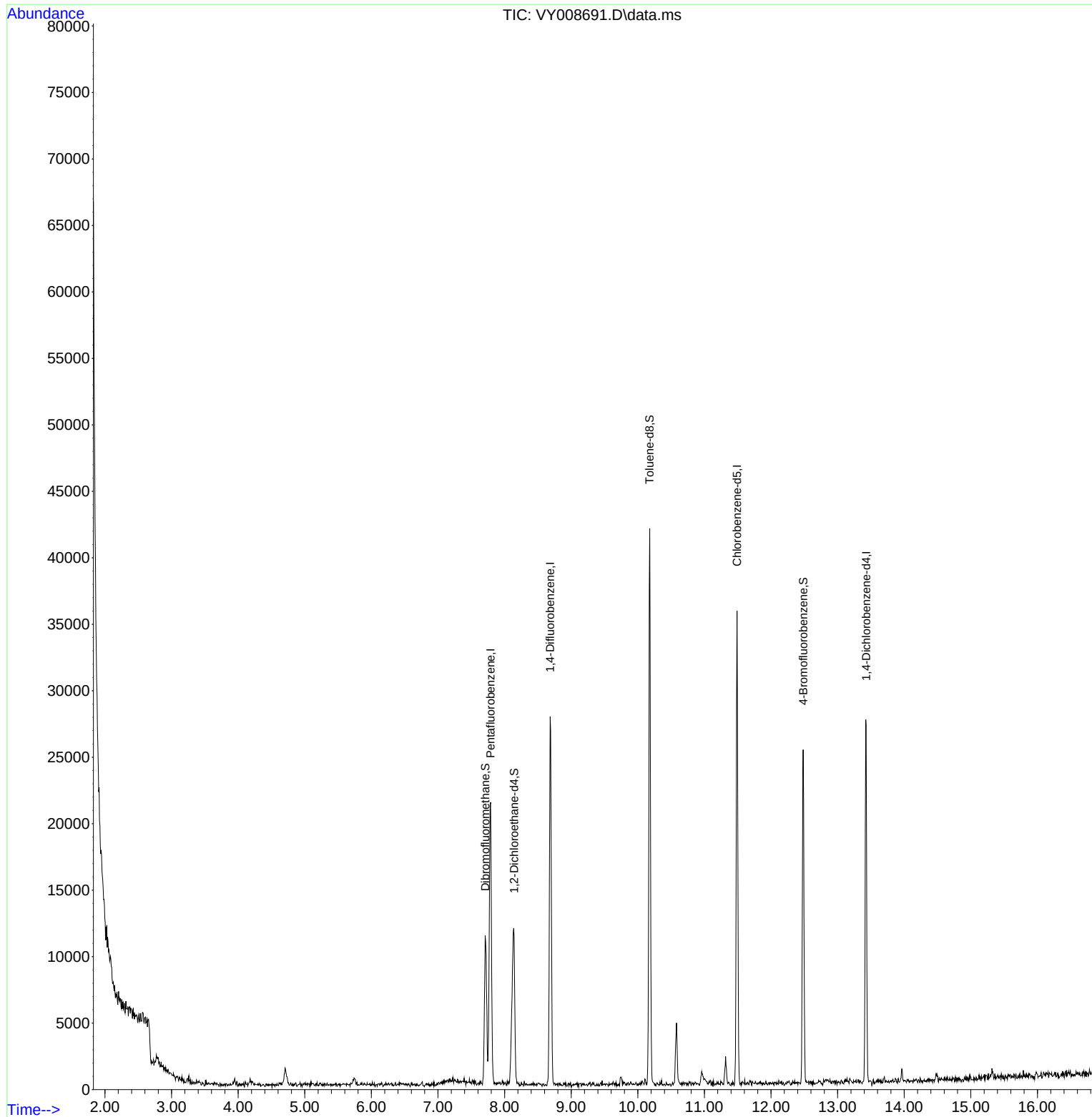
Target Compounds Qvalue

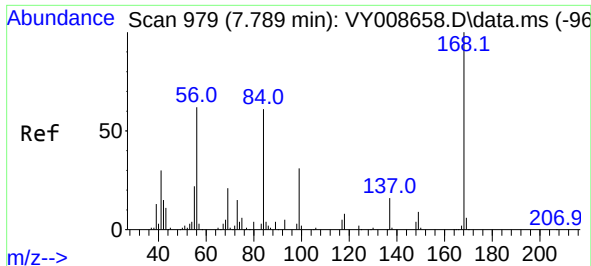
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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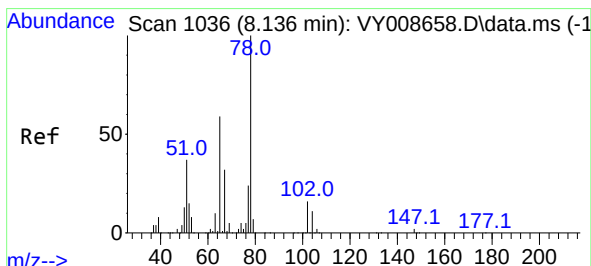
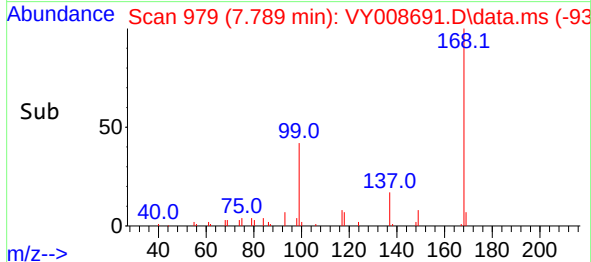
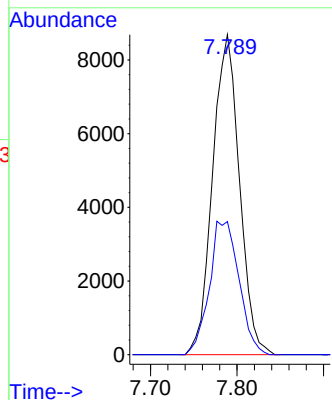
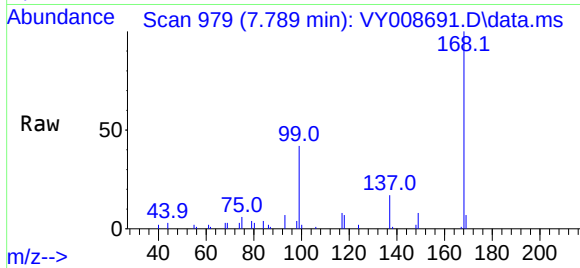




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

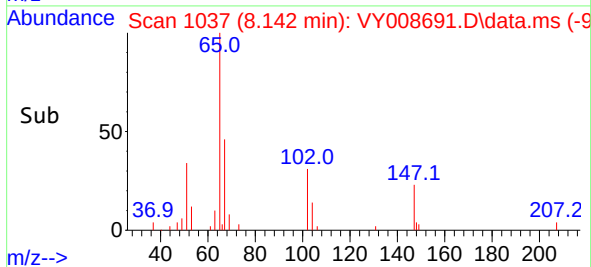
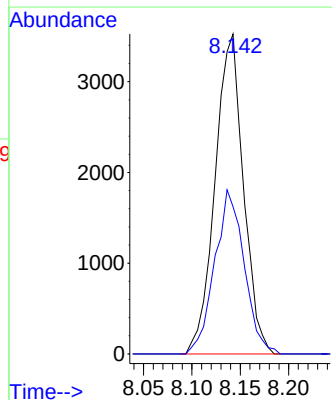
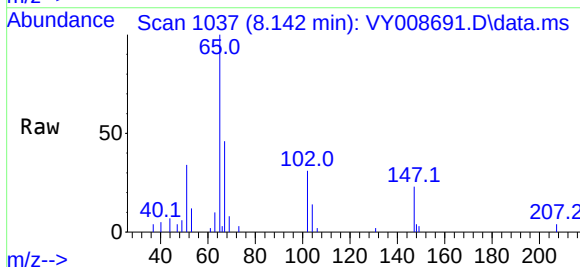
Instrument :
MSVOA_Y
ClientSampleId :
SB16

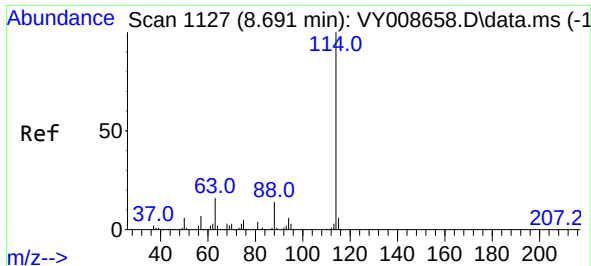
Tgt Ion:168 Resp: 18716
Ion Ratio Lower Upper
168 100
99 41.6 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 44.822 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

Tgt Ion: 65 Resp: 7188
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008691.D

Acq: 10 May 2022 19:41

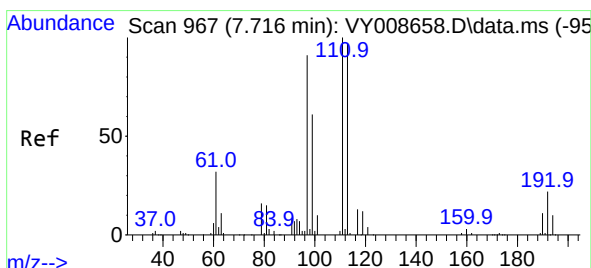
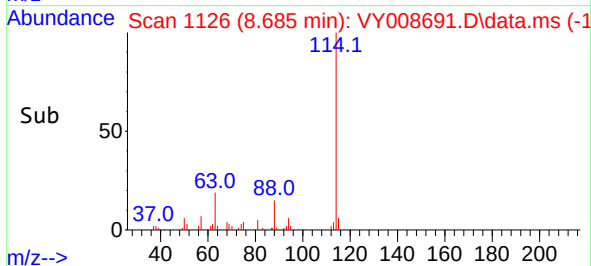
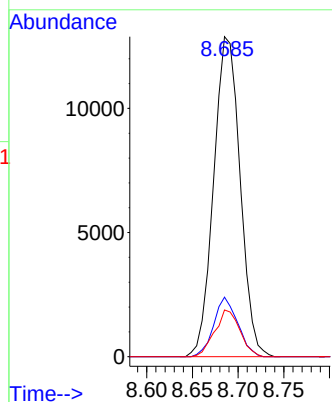
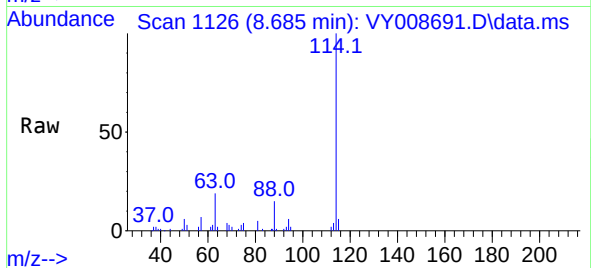
Instrument :

MSVOA_Y

ClientSampleId :

SB16

Tgt Ion:114	Resp:	25950
Ion	Ratio	Lower Upper
114	100	
63	18.6	0.0 43.2
88	14.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 49.295 ug/l

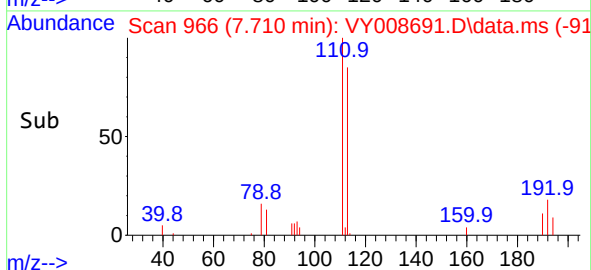
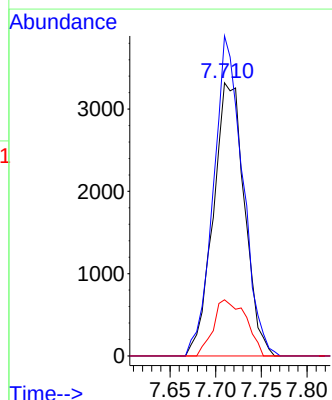
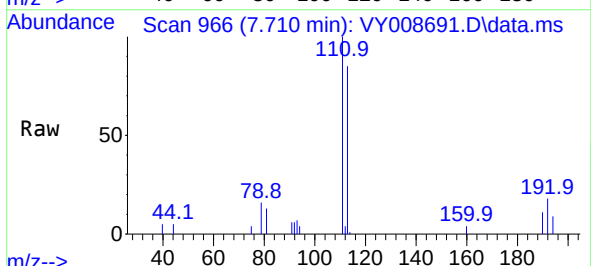
RT: 7.710 min Scan# 966

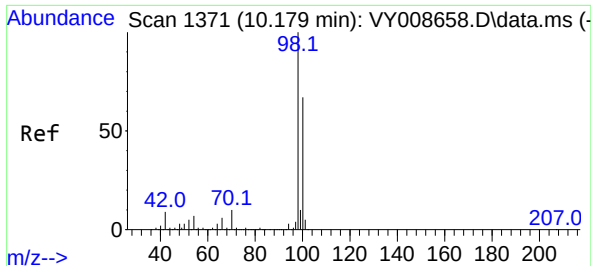
Delta R.T. -0.006 min

Lab File: VY008691.D

Acq: 10 May 2022 19:41

Tgt Ion:113	Resp:	7883
Ion	Ratio	Lower Upper
113	100	
111	109.7	82.6 124.0
192	21.5	17.6 26.4

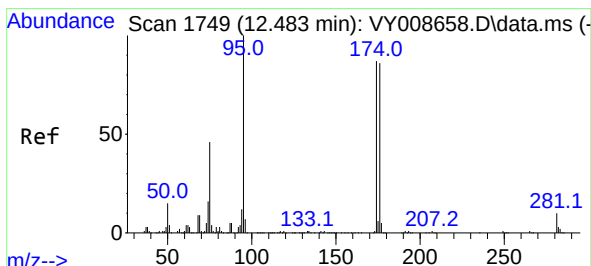
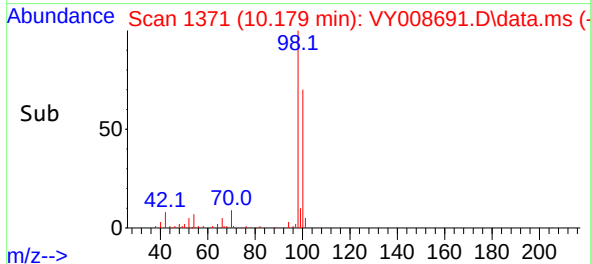
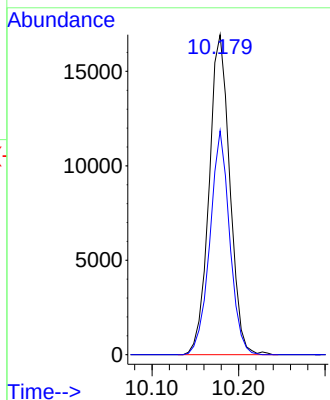
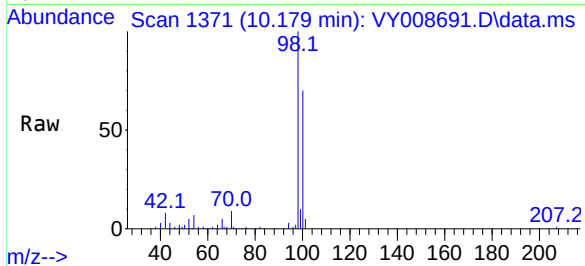




#50
Toluene-d8
Concen: 49.951 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

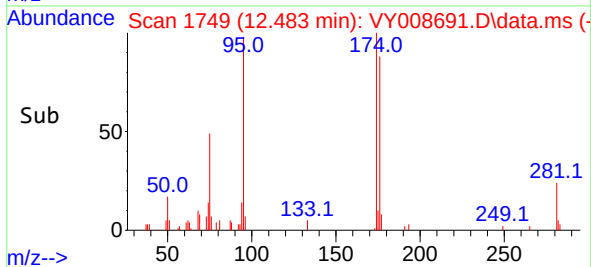
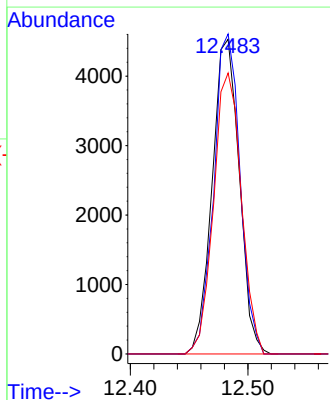
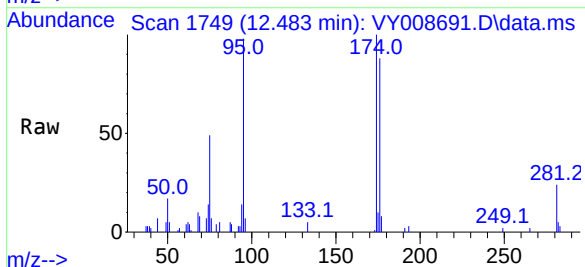
Instrument :
MSVOA_Y
ClientSampleId :
SB16

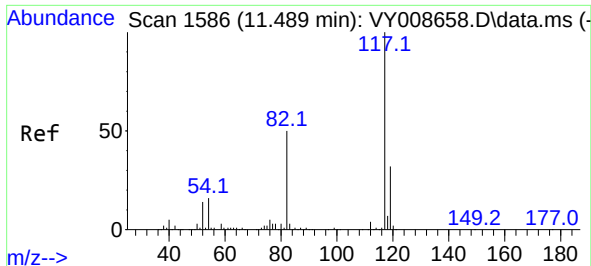
Tgt Ion: 98 Resp: 28149
Ion Ratio Lower Upper
98 100
100 66.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.809 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

Tgt Ion: 95 Resp: 7260
Ion Ratio Lower Upper
95 100
174 98.9 0.0 177.0
176 91.3 0.0 175.8

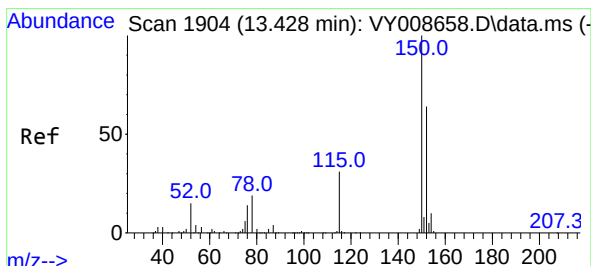
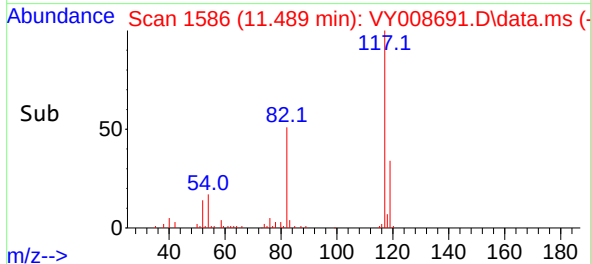
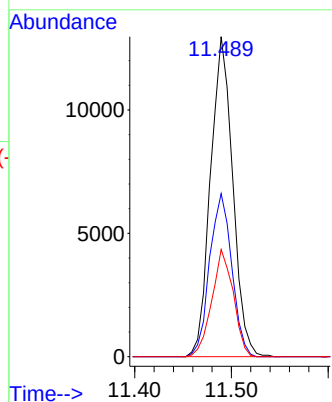
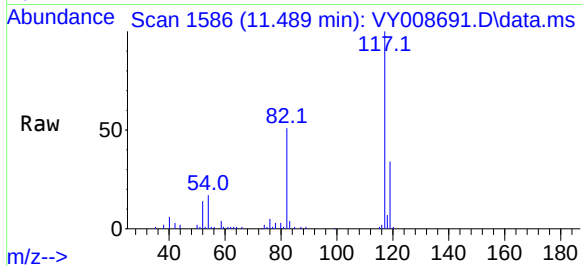




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

Instrument :
MSVOA_Y
ClientSampleId :
SB16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.0	64.4
119	33.5	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: VY008691.D
Acq: 10 May 2022 19:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.2	84.7
150	156.4	0.0	347.6

