

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
 Data File : VY007884.D
 Acq On : 17 Mar 2022 19:03
 Operator : SY/MD
 Sample : N1864-04RE
 Misc : 4.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-2-3

Quant Time: Mar 18 08:56:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	162419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	252686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60726	32.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.580%
35) Dibromofluoromethane	7.716	113	68224	38.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.880%
50) Toluene-d8	10.179	98	289712	54.621	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.240%
62) 4-Bromofluorobenzene	12.483	95	81604	32.041	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.080%

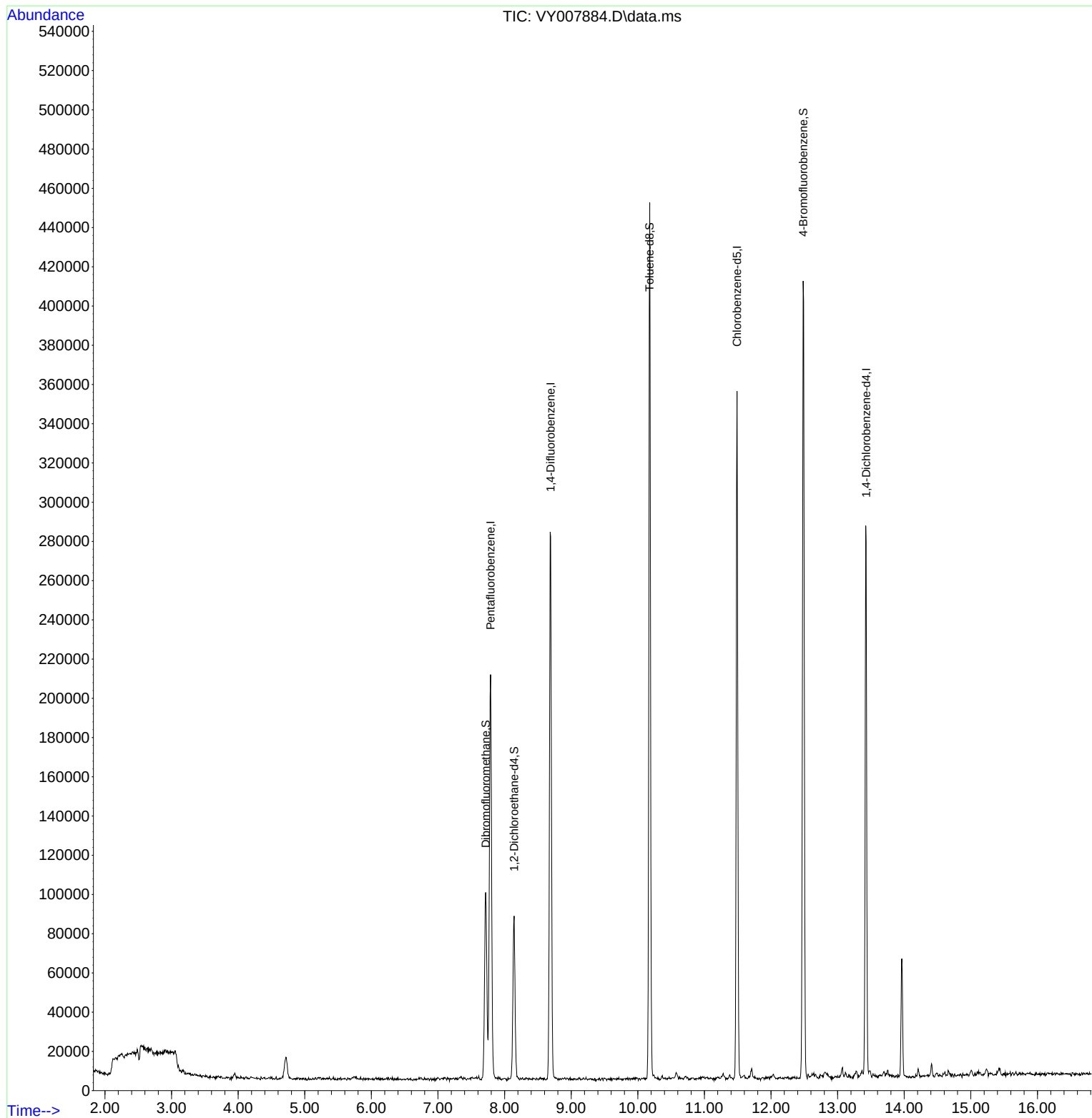
Target Compounds	Qvalue

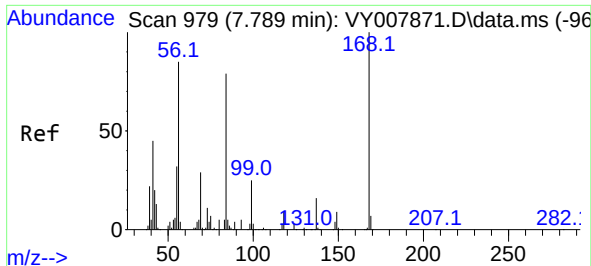
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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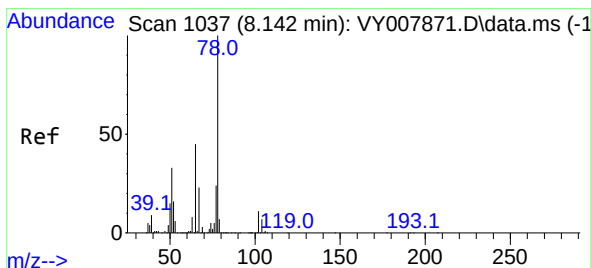
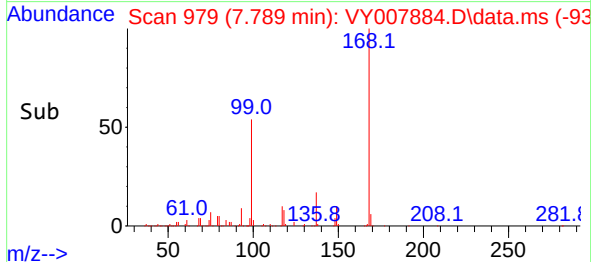
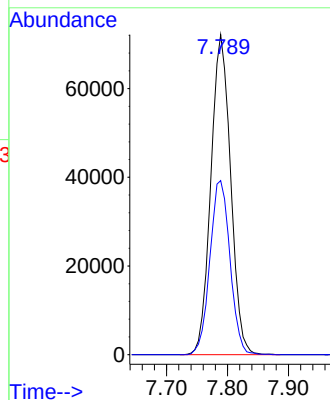
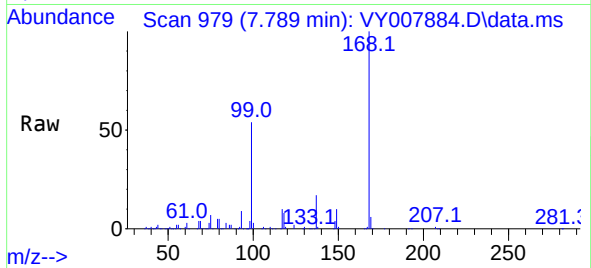




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007884.D
Acq: 17 Mar 2022 19:03

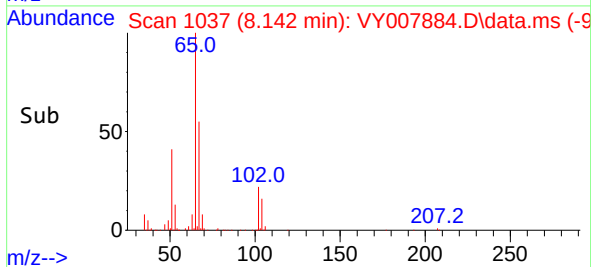
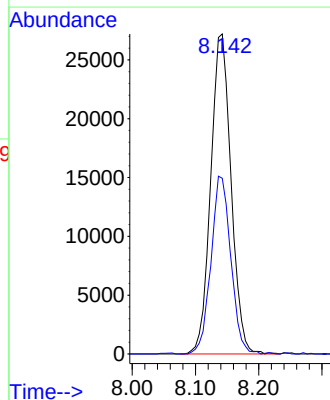
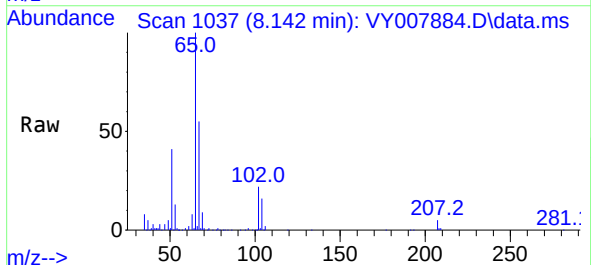
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-2-3

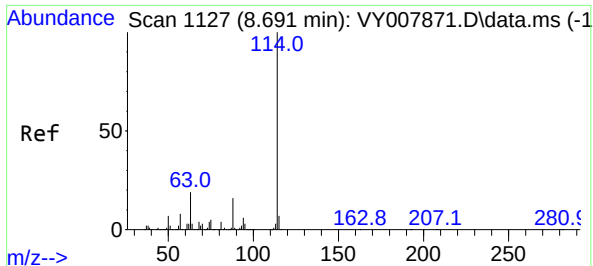
Tgt Ion:168 Resp: 162419
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 32.792 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007884.D
Acq: 17 Mar 2022 19:03

Tgt Ion: 65 Resp: 60726
Ion Ratio Lower Upper
65 100
67 54.1 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: VY007884.D

Acq: 17 Mar 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

MB-B2-030922-2-3

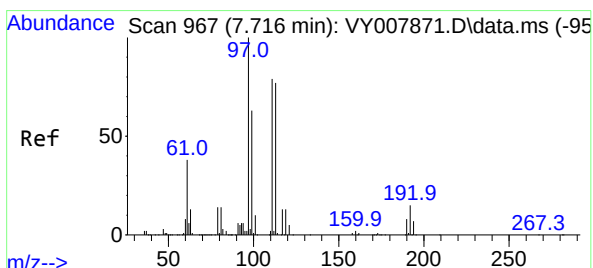
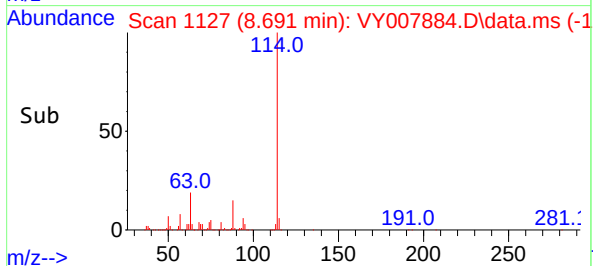
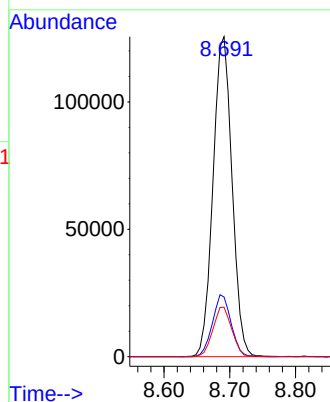
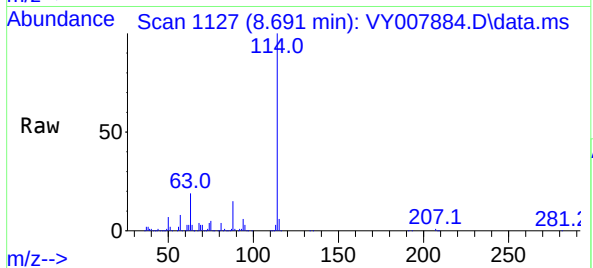
Tgt Ion:114 Resp: 252686

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.445 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007884.D

Acq: 17 Mar 2022 19:03

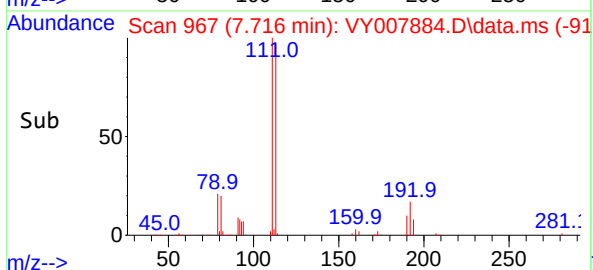
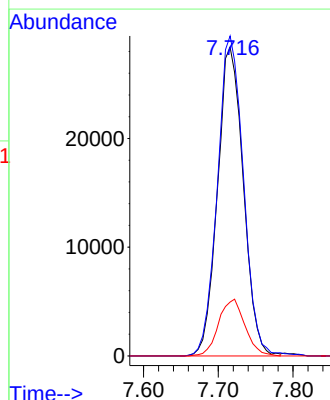
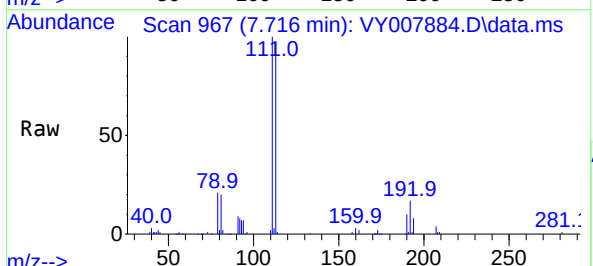
Tgt Ion:113 Resp: 68224

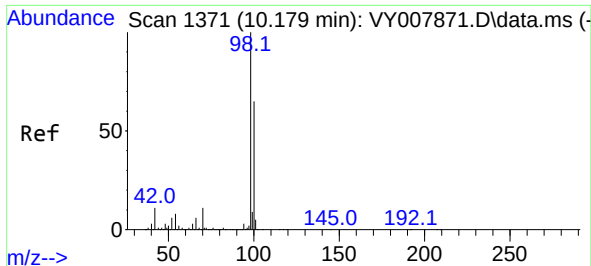
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

192 18.8 17.6 26.4

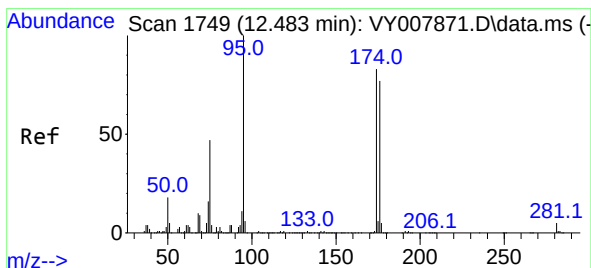
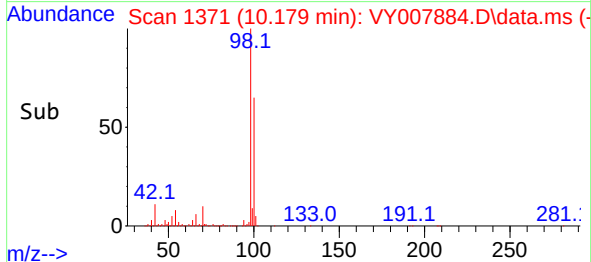
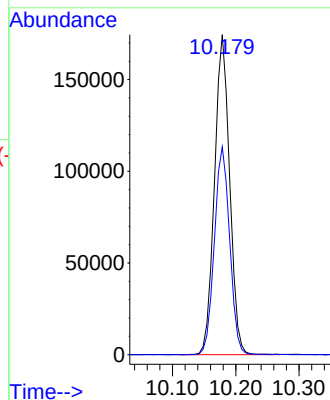
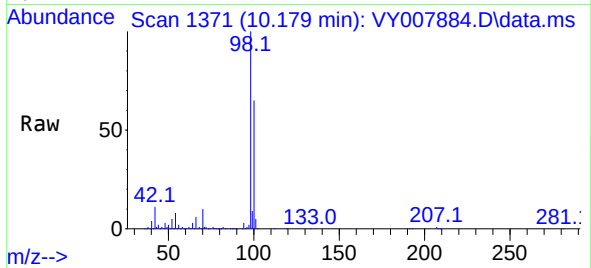




#50
Toluene-d8
Concen: 54.621 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007884.D
Acq: 17 Mar 2022 19:03

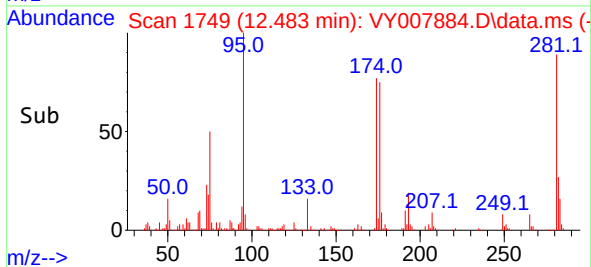
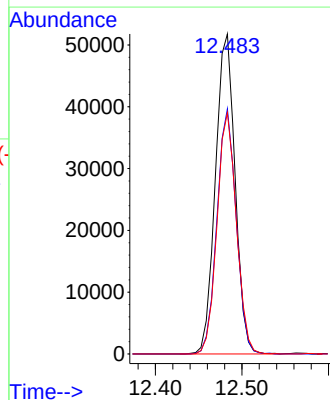
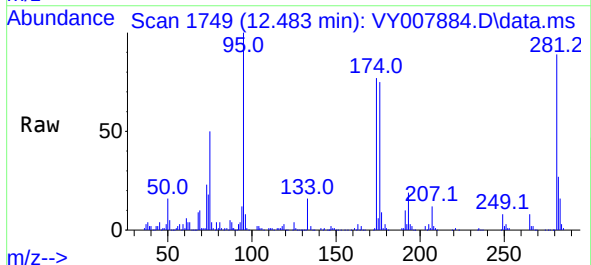
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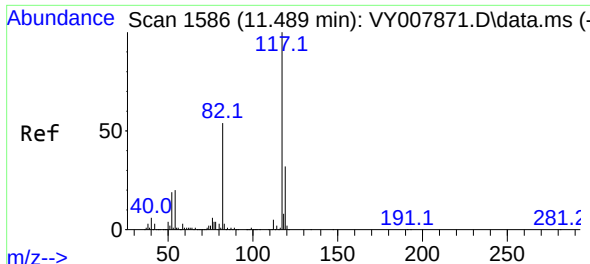
Tgt Ion: 98 Resp: 289712
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007884.D
Acq: 17 Mar 2022 19:03

Tgt Ion: 95 Resp: 81604
Ion Ratio Lower Upper
95 100
174 74.9 0.0 177.0
176 74.2 0.0 175.8

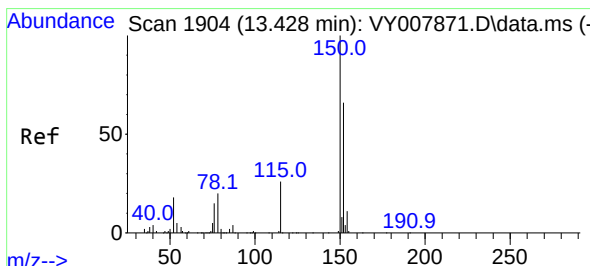
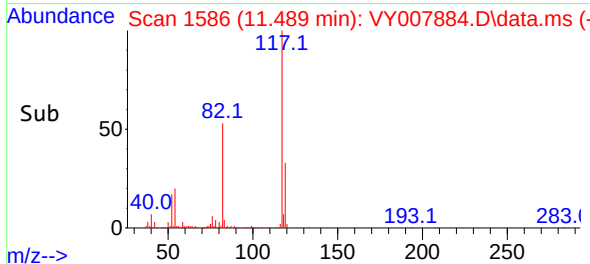
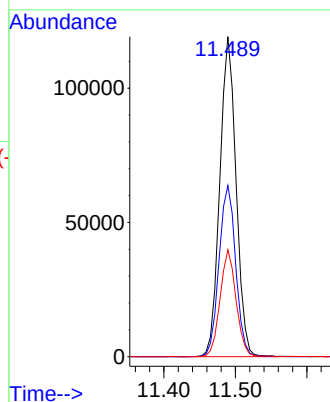
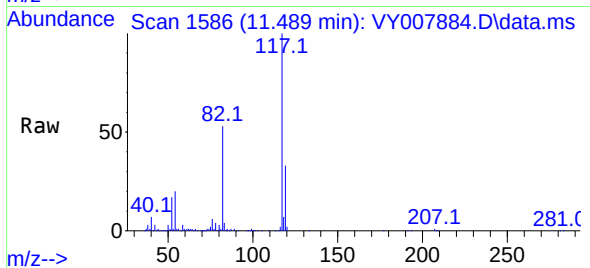




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007884.D
Acq: 17 Mar 2022 19:03

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-2-3

Tgt Ion:	117	Resp:	188492
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.0	64.4
119	33.4	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: VY007884.D
Acq: 17 Mar 2022 19:03

Tgt Ion:	152	Resp:	70292
Ion	Ratio	Lower	Upper
152	100		
115	61.4	28.2	84.7
150	163.1	0.0	347.6

