

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007972.D
 Acq On : 21 Mar 2022 23:33
 Operator : SY/MD
 Sample : N1864-08
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-5-6-DUP

Quant Time: Mar 22 03:43:39 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	18763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	32834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	24203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8697	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	9871	46.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.280%
35) Dibromofluoromethane	7.710	113	9551	41.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.840%
50) Toluene-d8	10.179	98	37838	54.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.860%
62) 4-Bromofluorobenzene	12.477	95	10329	31.211	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.420%

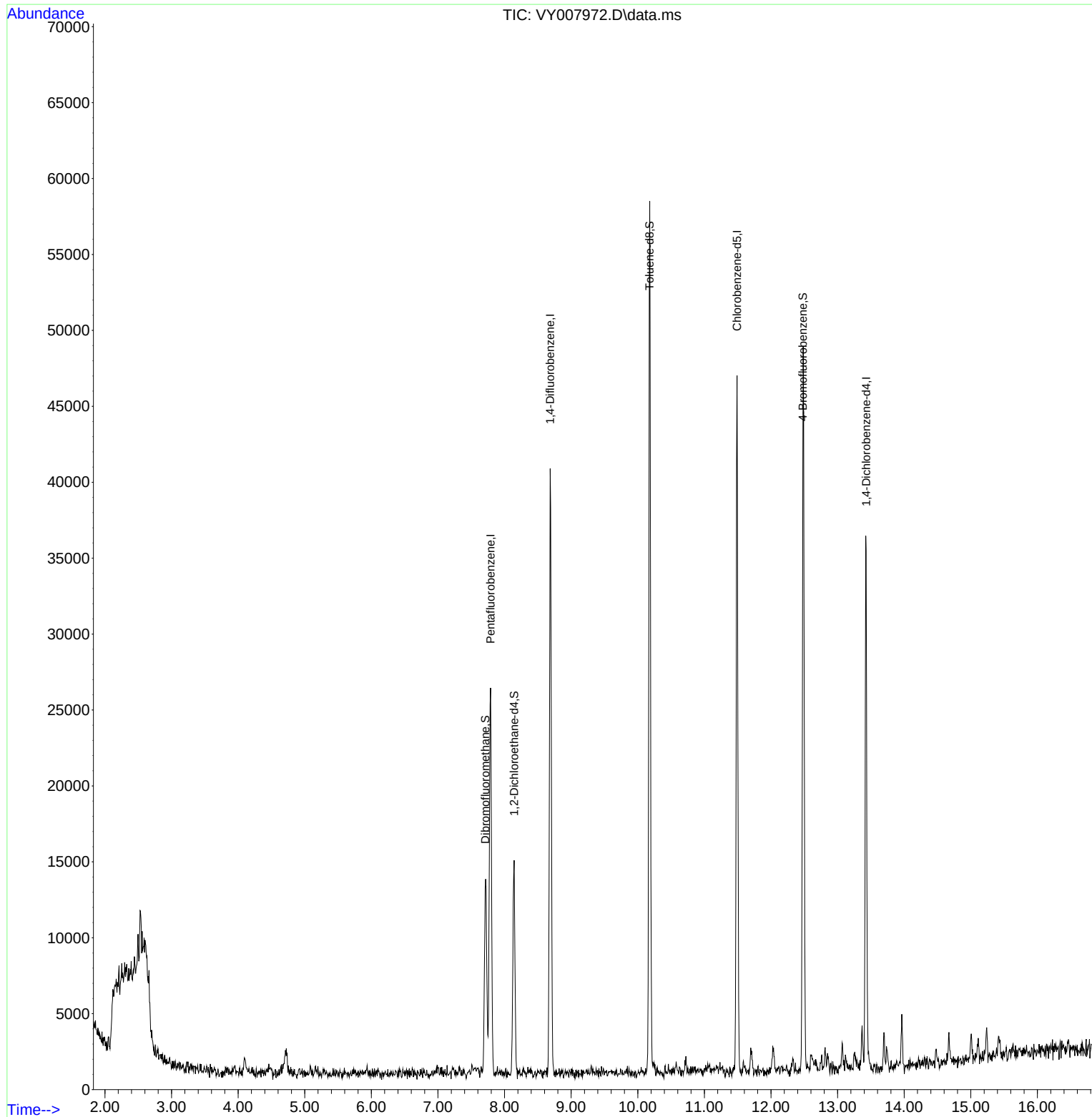
Target Compounds	Qvalue

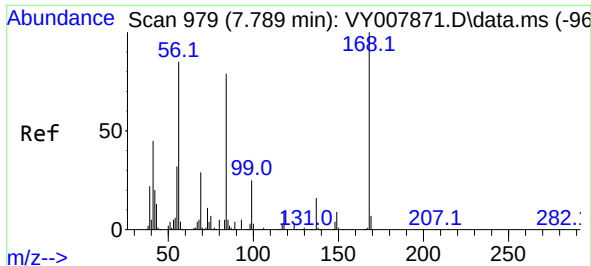
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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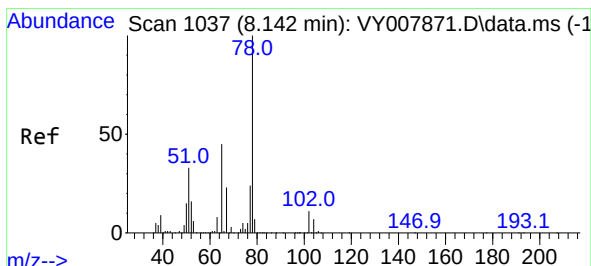
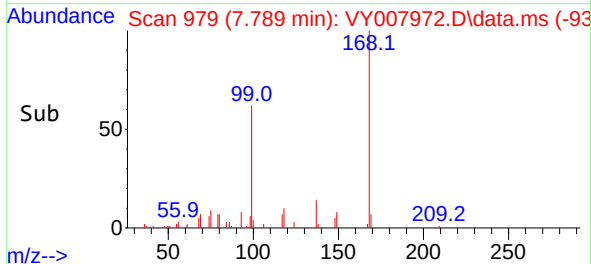
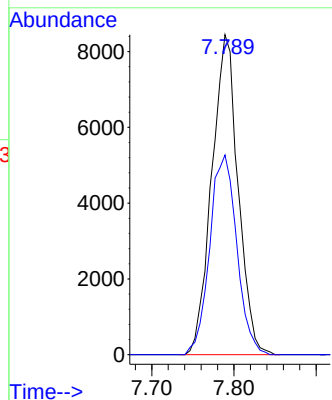
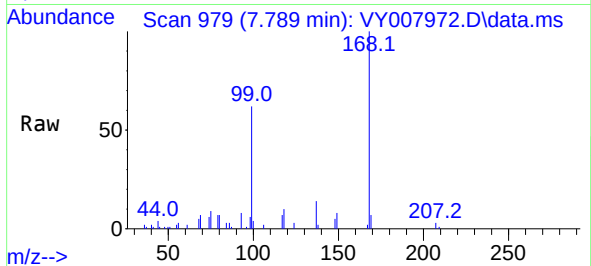




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007972.D
Acq: 21 Mar 2022 23:33

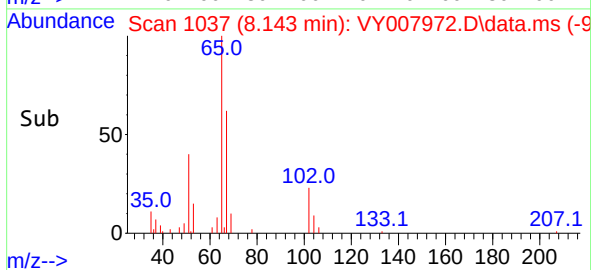
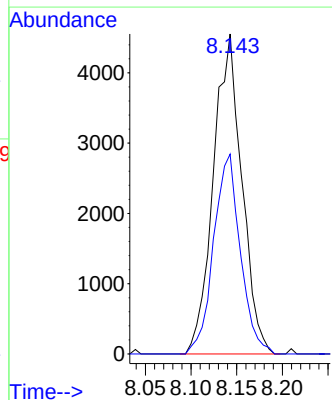
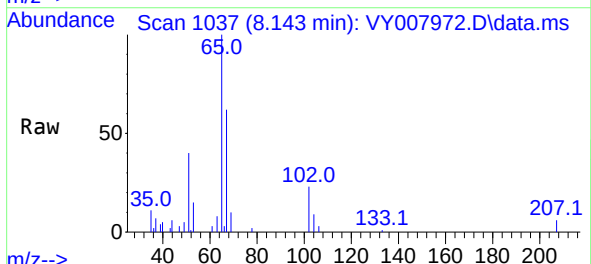
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

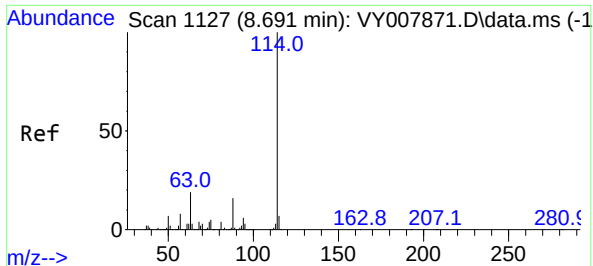
Tgt Ion:168 Resp: 18763
Ion Ratio Lower Upper
168 100
99 62.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.141 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007972.D
Acq: 21 Mar 2022 23:33

Tgt Ion: 65 Resp: 9871
Ion Ratio Lower Upper
65 100
67 58.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007972.D

Acq: 21 Mar 2022 23:33

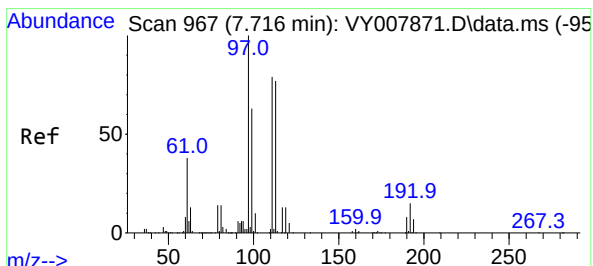
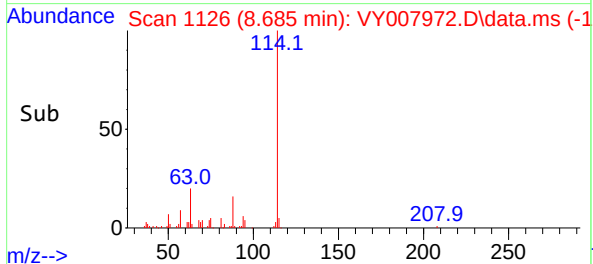
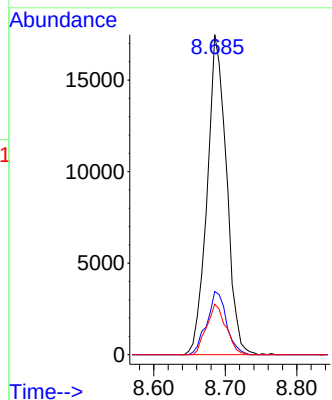
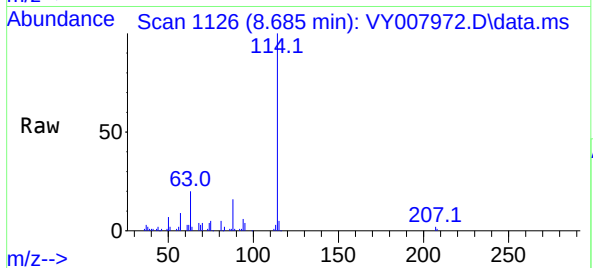
Instrument :

MSVOA_Y

ClientSampleId :

MB-B2-030922-5-6-DUP

Tgt Ion:114	Resp:	32834
Ion	Ratio	Lower Upper
114	100	
63	19.8	0.0 43.2
88	15.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 41.420 ug/l

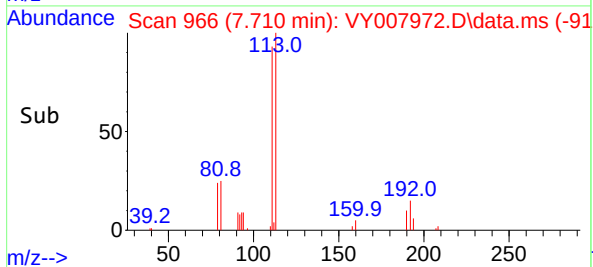
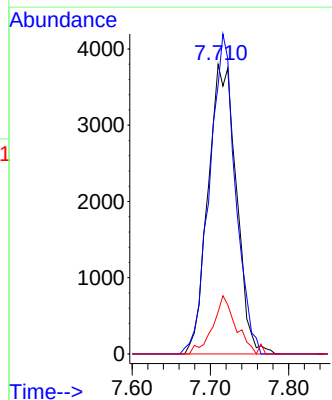
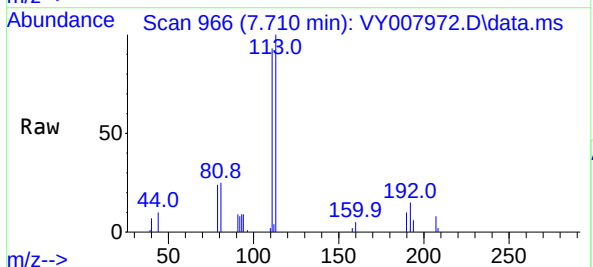
RT: 7.710 min Scan# 966

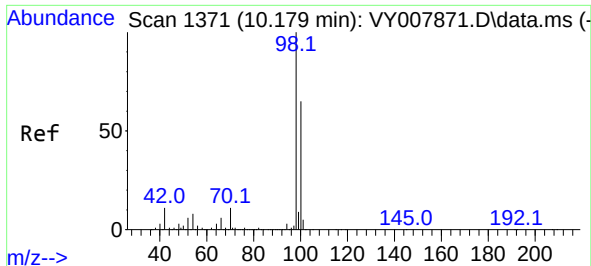
Delta R.T. -0.006 min

Lab File: VY007972.D

Acq: 21 Mar 2022 23:33

Tgt Ion:113	Resp:	9551
Ion	Ratio	Lower Upper
113	100	
111	100.8	82.6 124.0
192	16.2	17.6 26.4

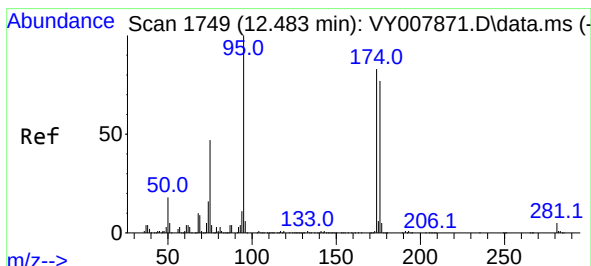
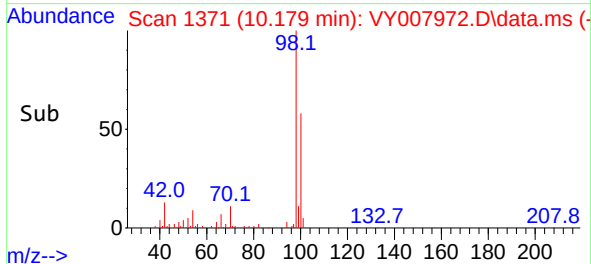
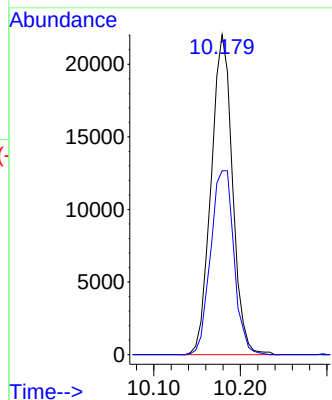
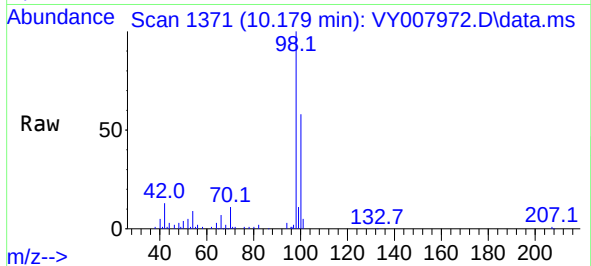




#50
Toluene-d8
Concen: 54.934 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007972.D
Acq: 21 Mar 2022 23:33

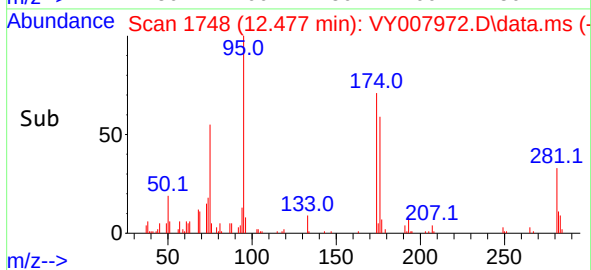
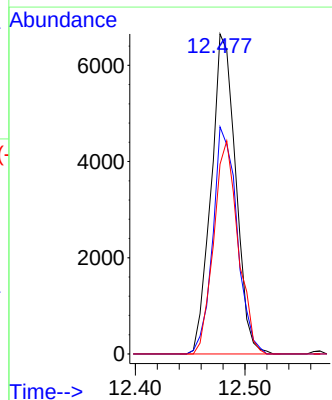
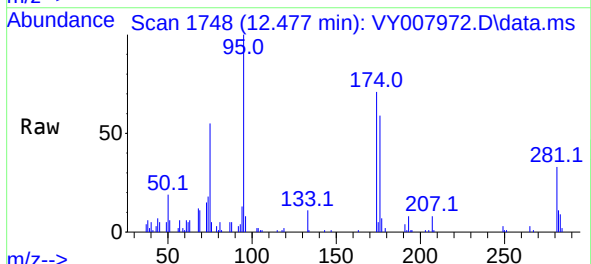
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

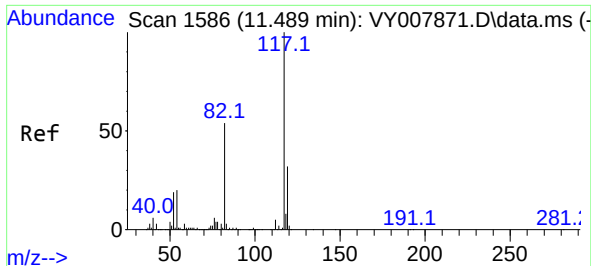
Tgt Ion: 98 Resp: 37838
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.211 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007972.D
Acq: 21 Mar 2022 23:33

Tgt Ion: 95 Resp: 10329
Ion Ratio Lower Upper
95 100
174 70.1 0.0 177.0
176 66.4 0.0 175.8

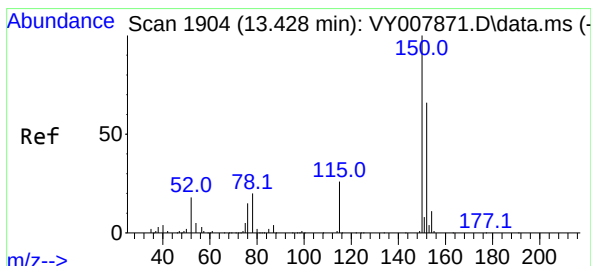
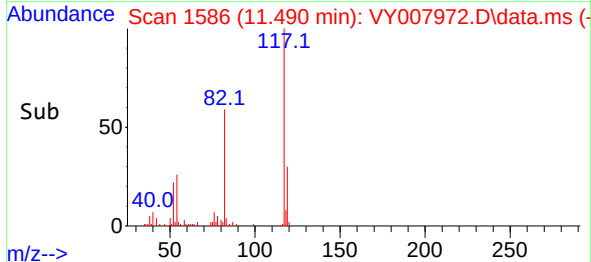
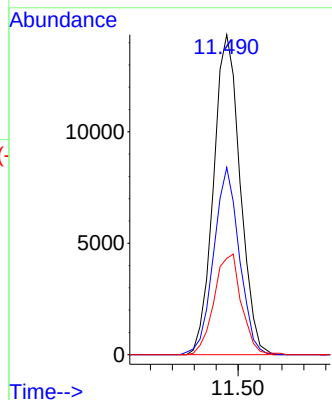
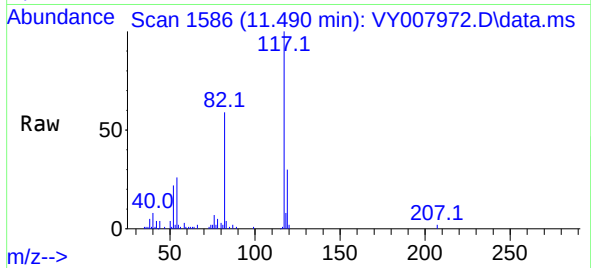




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007972.D
Acq: 21 Mar 2022 23:33

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion:117	Resp:	24203
Ion Ratio	Lower	Upper
117	100	
82	58.5	43.0 64.4
119	30.1	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: VY007972.D
Acq: 21 Mar 2022 23:33

Tgt Ion:152	Resp:	8697
Ion Ratio	Lower	Upper
152	100	
115	58.7	28.2 84.7
150	146.7	0.0 347.6

