

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007979.D
 Acq On : 22 Mar 2022 02:17
 Operator : SY/MD
 Sample : N2031-05
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMP-B1-031822-0-2-BD

Quant Time: Mar 22 03:45:15 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	222973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	422470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121689	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	147948	58.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.380%
35) Dibromofluoromethane	7.716	113	131378	44.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.560%
50) Toluene-d8	10.179	98	514208	58.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.760%
62) 4-Bromofluorobenzene	12.483	95	159108	37.365	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.740%

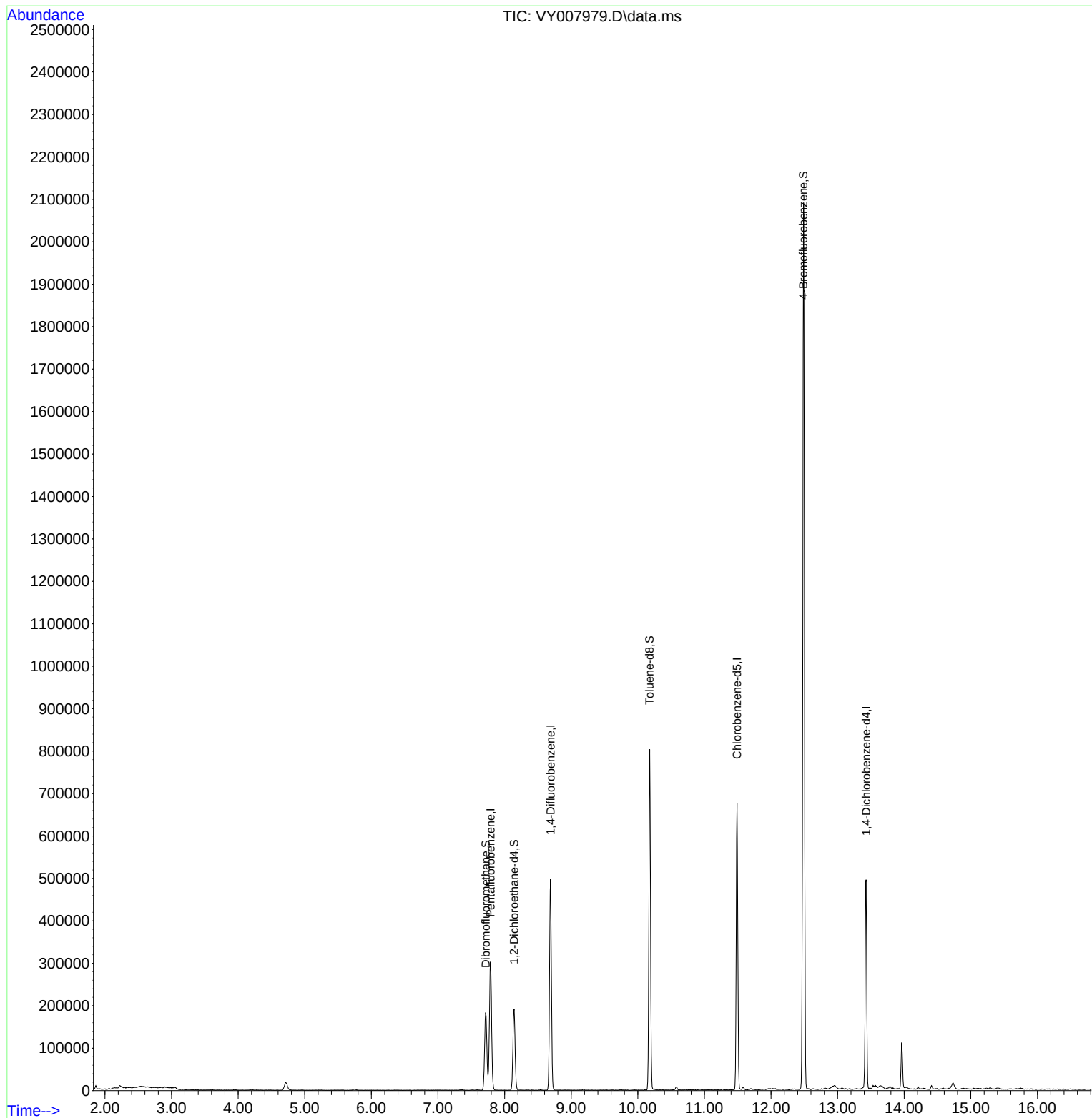
Target Compounds	Qvalue

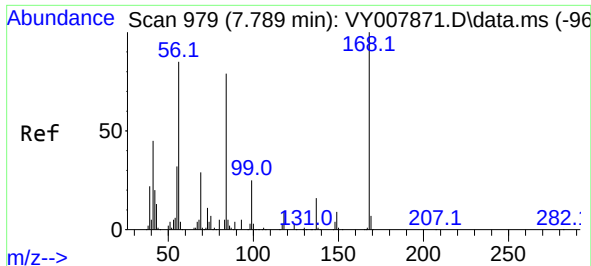
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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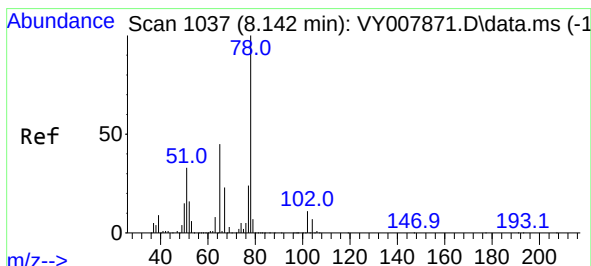
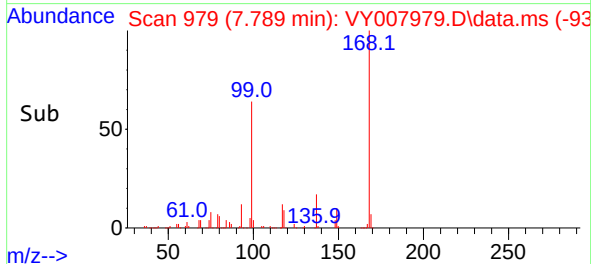
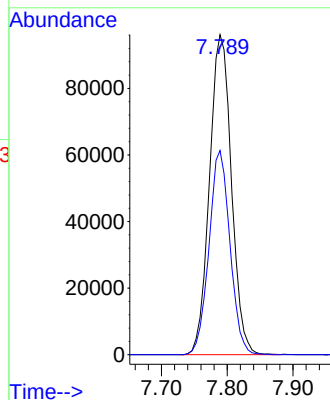
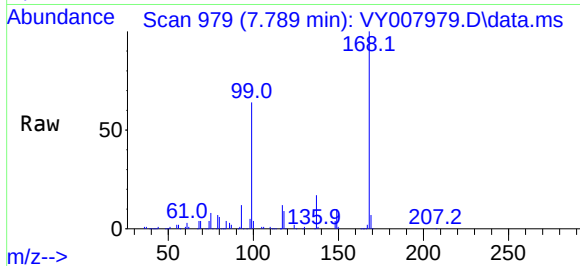




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

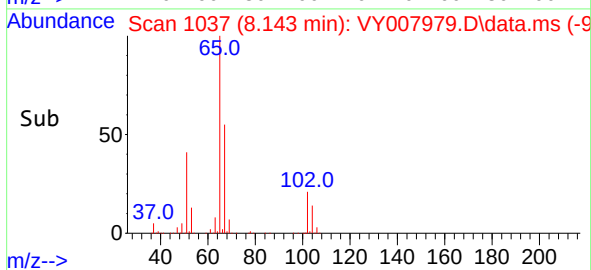
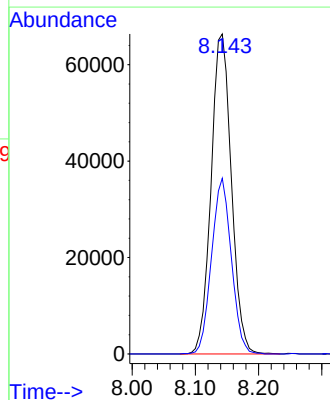
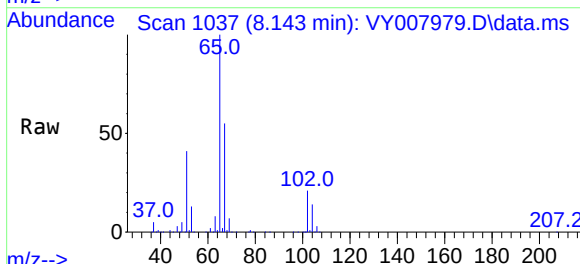
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2-BD

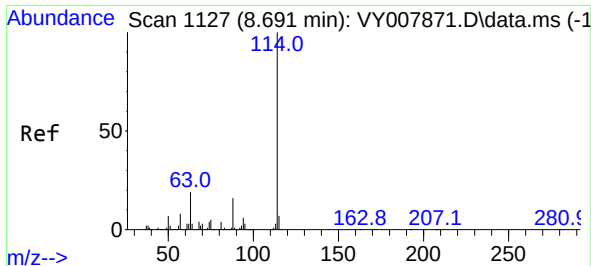
Tgt Ion:168 Resp: 222973
Ion Ratio Lower Upper
168 100
99 63.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.194 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion: 65 Resp: 147948
Ion Ratio Lower Upper
65 100
67 53.5 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: VY007979.D

Acq: 22 Mar 2022 02:17

Instrument :

MSVOA_Y

ClientSampleId :

CMP-B1-031822-0-2-BD

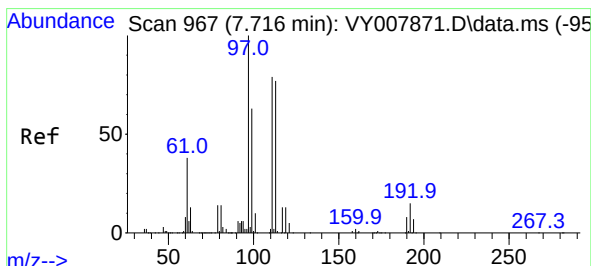
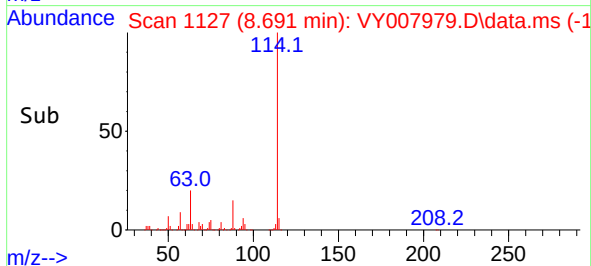
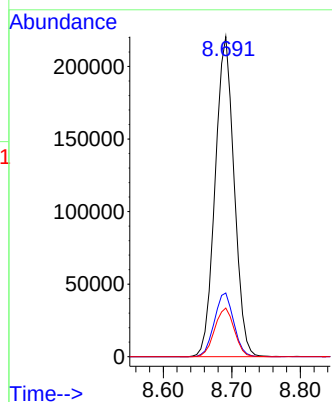
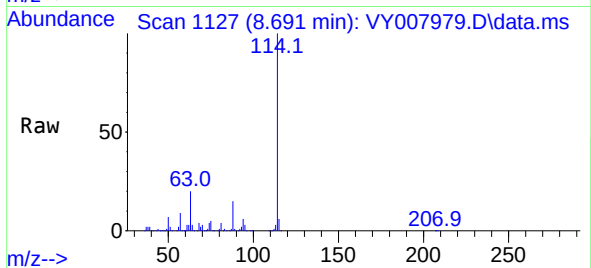
Tgt Ion:114 Resp: 422470

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.280 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007979.D

Acq: 22 Mar 2022 02:17

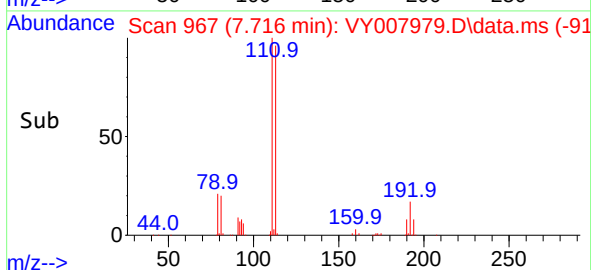
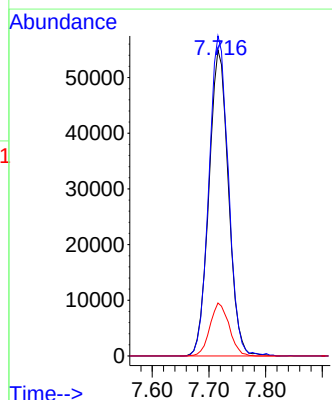
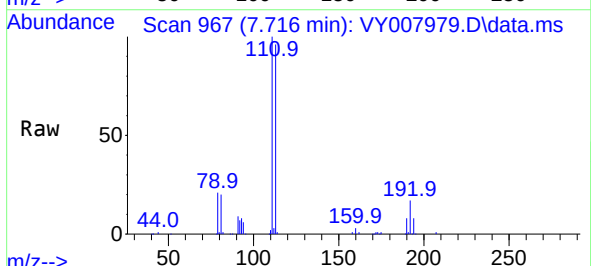
Tgt Ion:113 Resp: 131378

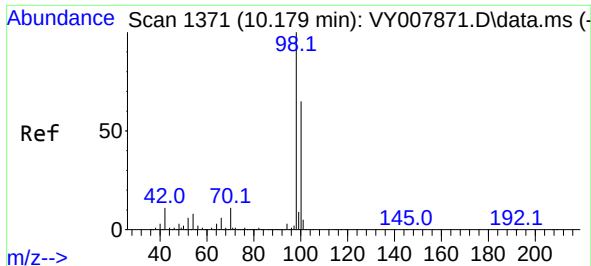
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 17.0 17.6 26.4#

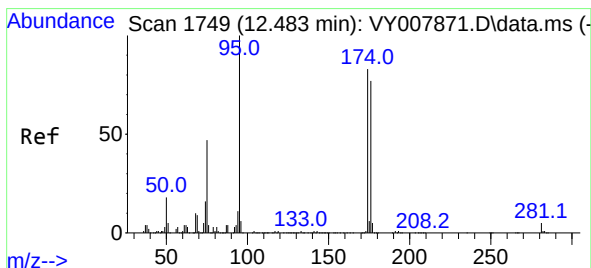
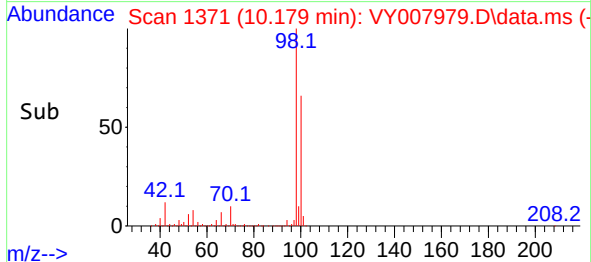
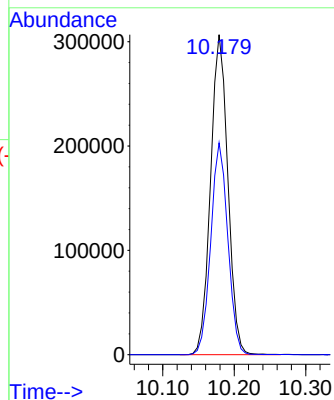
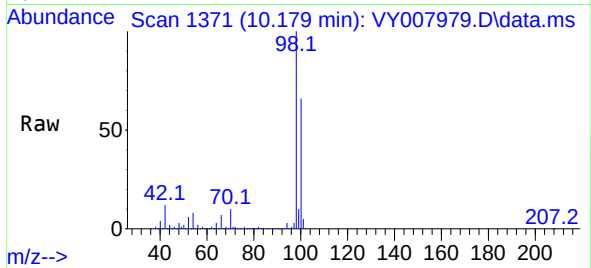




#50
Toluene-d8
Concen: 58.382 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

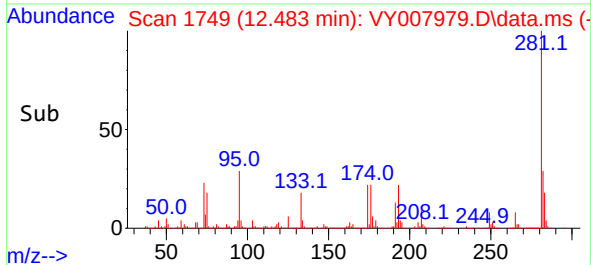
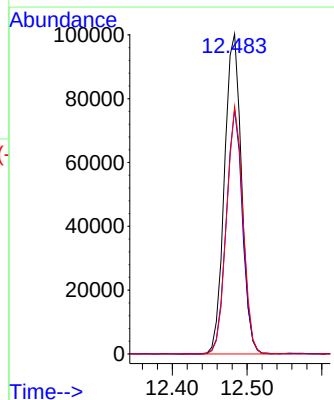
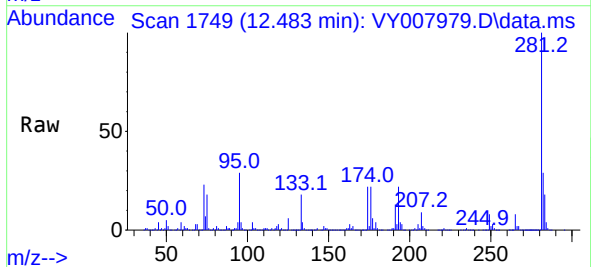
Instrument :
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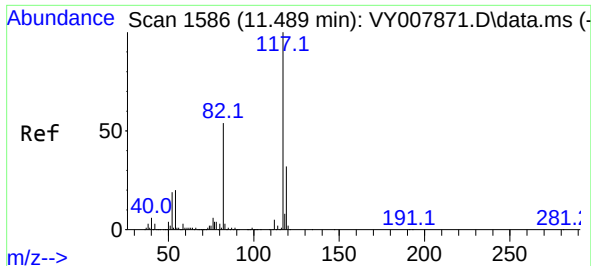
Tgt Ion: 98 Resp: 514208
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.365 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion: 95 Resp: 159108
Ion Ratio Lower Upper
95 100
174 73.0 0.0 177.0
176 74.7 0.0 175.8

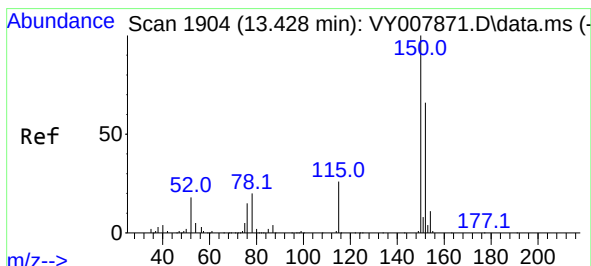
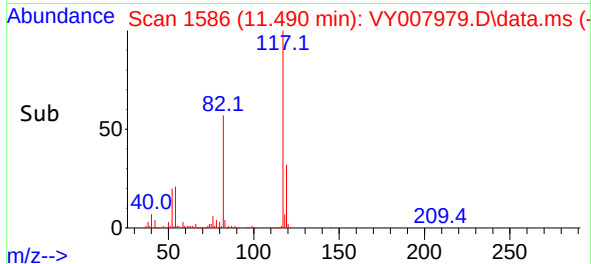
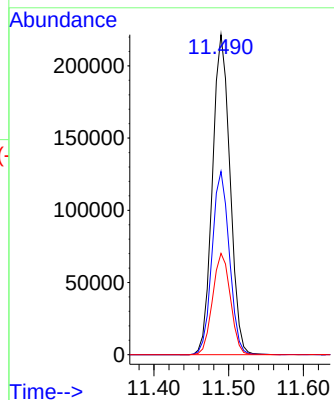
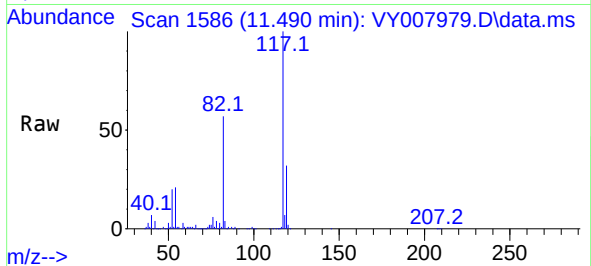




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2-BD

Tgt Ion:117	Resp: 361740		
Ion Ratio	Lower	Upper	
117 100			
82 57.3	43.0	64.4	
119 31.6	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: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion:152	Resp:	121689	
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	158.8	0.0	347.6

