

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008083.D
 Acq On : 29 Mar 2022 13:22
 Operator : SY/MD
 Sample : N2140-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHCRE

Quant Time: Mar 30 03:59:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	39279	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	72901	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	72183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30555	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	26785	67.967	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.940%
35) Dibromofluoromethane	7.728	113	24560	53.734	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.460%
50) Toluene-d8	10.185	98	87630	50.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.483	95	31400	51.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.360%

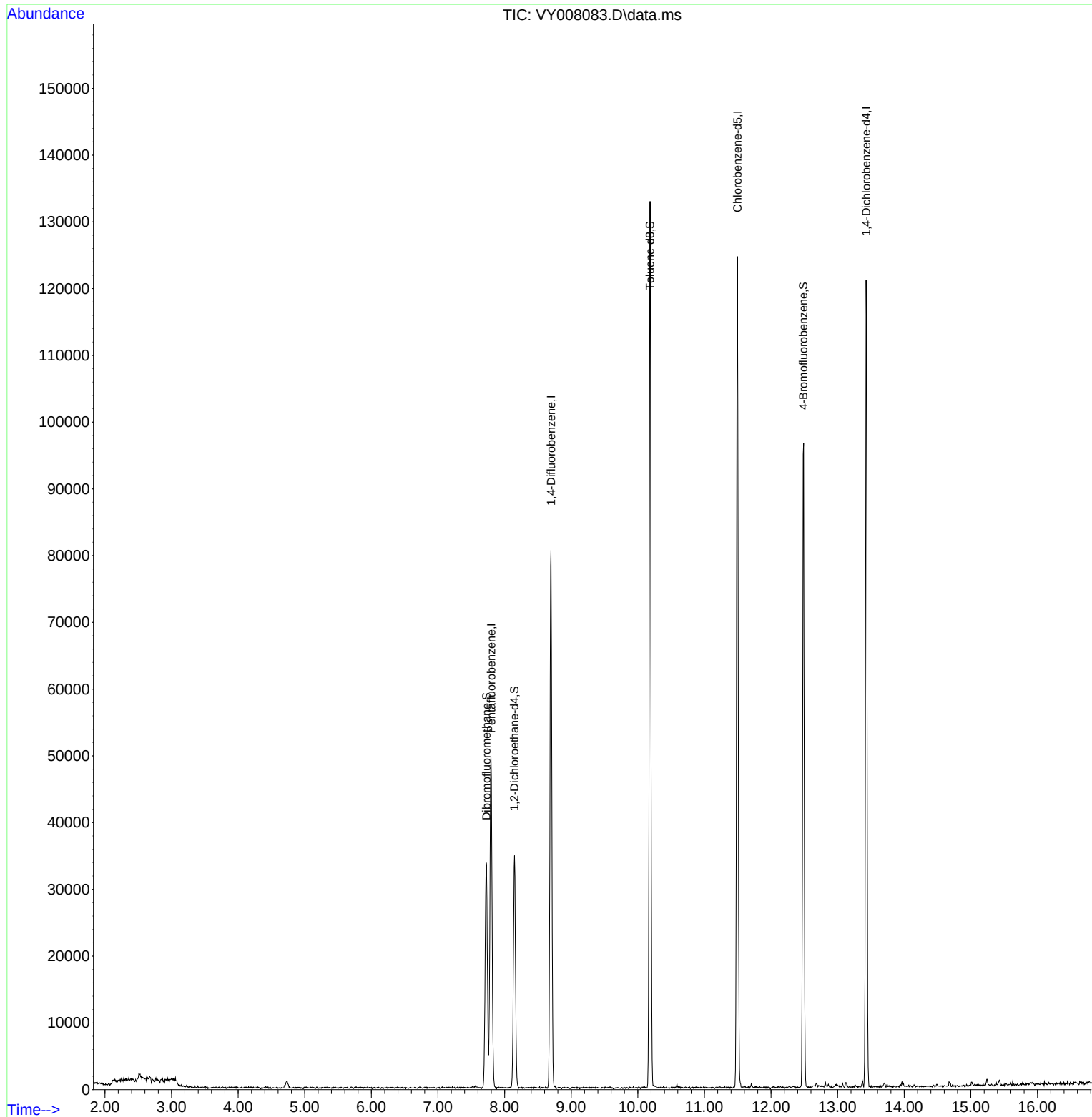
Target Compounds	Qvalue

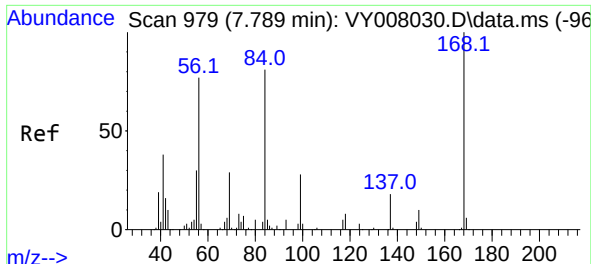
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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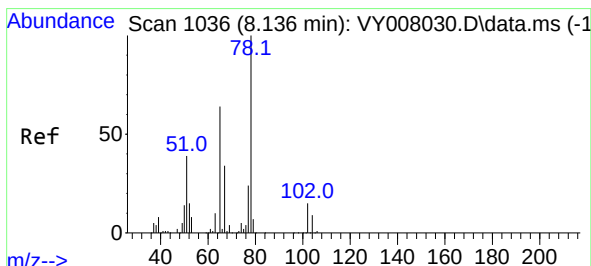
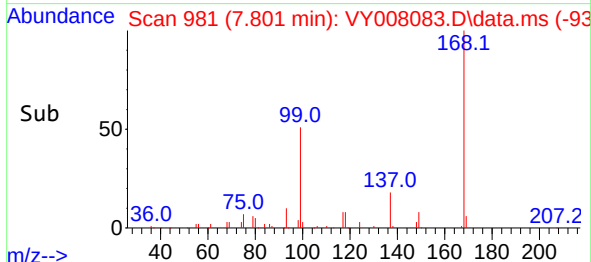
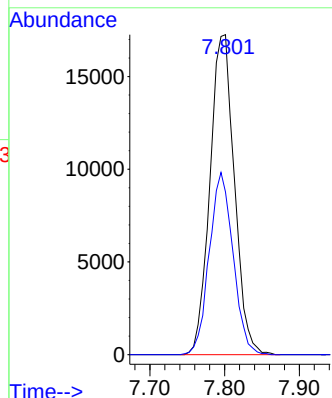
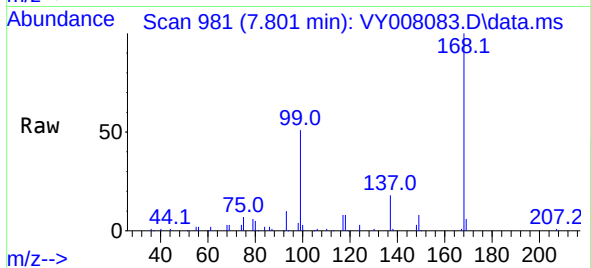




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

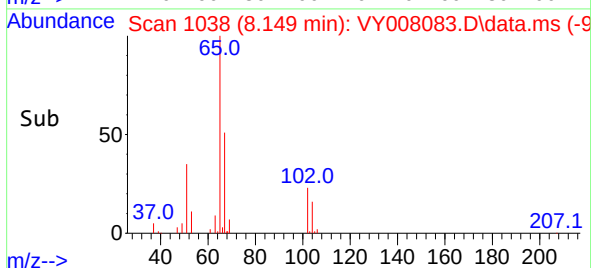
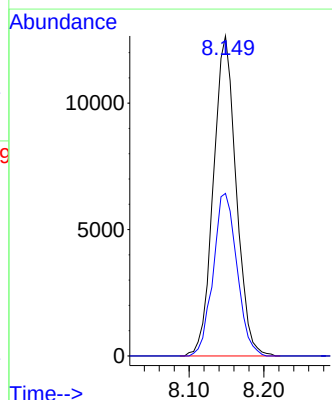
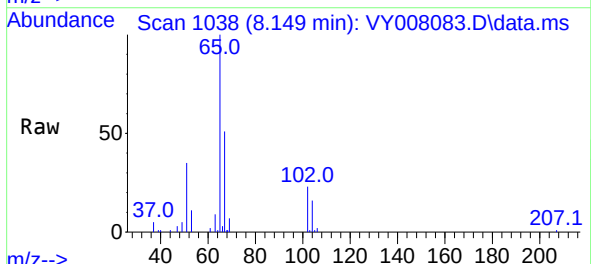
Instrument :
MSVOA_Y
ClientSampleId :
MHCRE

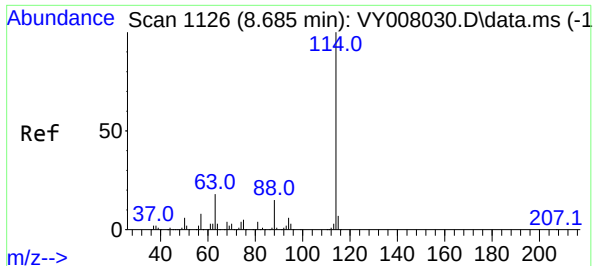
Tgt Ion:168 Resp: 39279
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.967 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

Tgt Ion: 65 Resp: 26785
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY008083.D

Acq: 29 Mar 2022 13:22

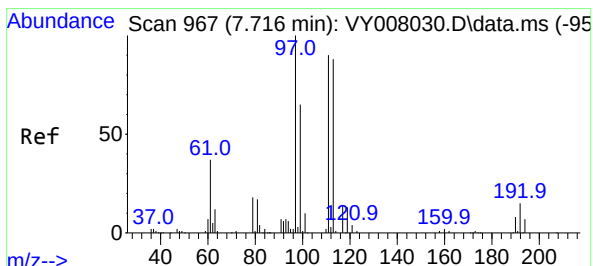
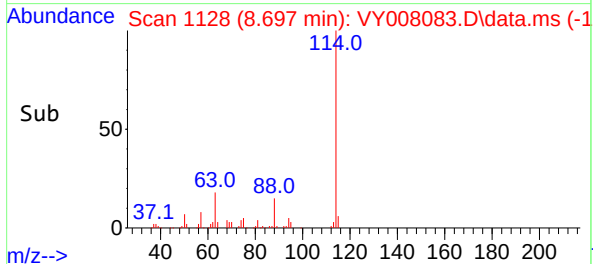
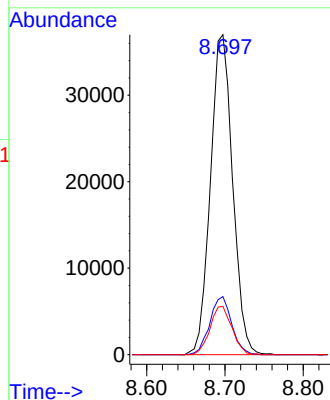
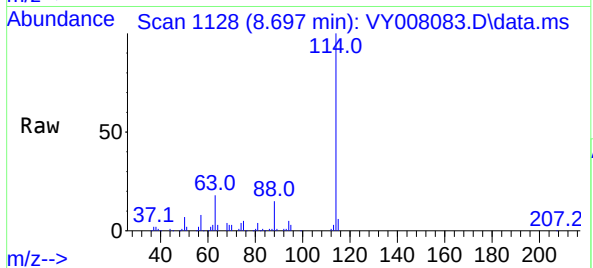
Instrument :

MSVOA_Y

ClientSampleId :

MHCRE

Tgt Ion:114	Resp:	72901
Ion	Ratio	Lower Upper
114	100	
63	18.1	0.0 43.2
88	15.1	0.0 31.8



#35

Dibromofluoromethane

Concen: 53.734 ug/l

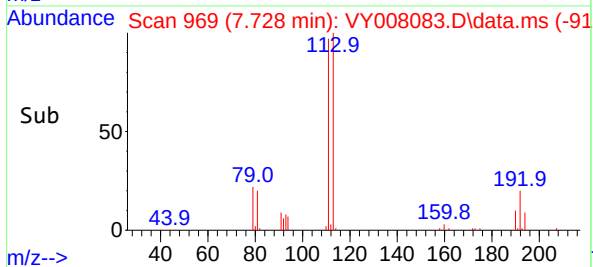
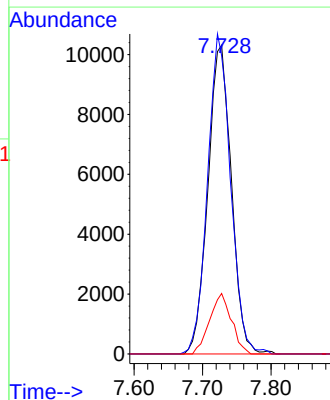
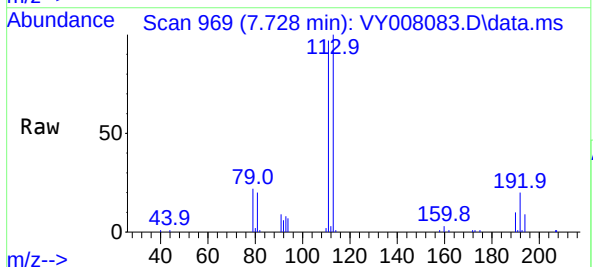
RT: 7.728 min Scan# 969

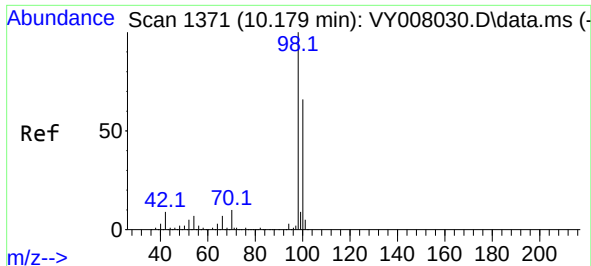
Delta R.T. 0.012 min

Lab File: VY008083.D

Acq: 29 Mar 2022 13:22

Tgt Ion:113	Resp:	24560
Ion	Ratio	Lower Upper
113	100	
111	101.7	82.6 124.0
192	18.2	17.6 26.4

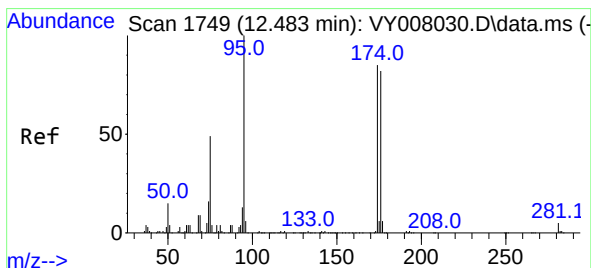
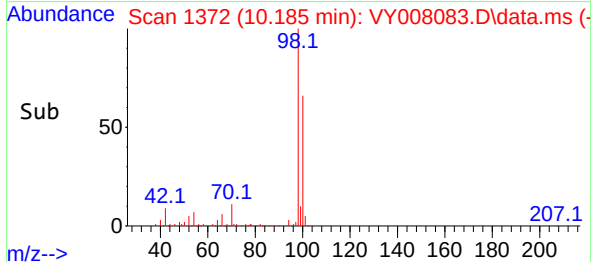
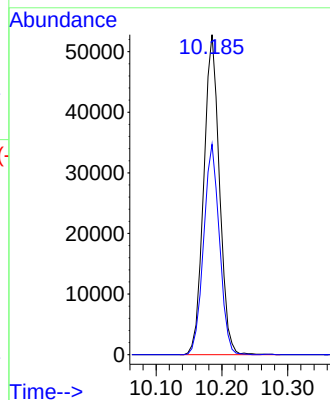
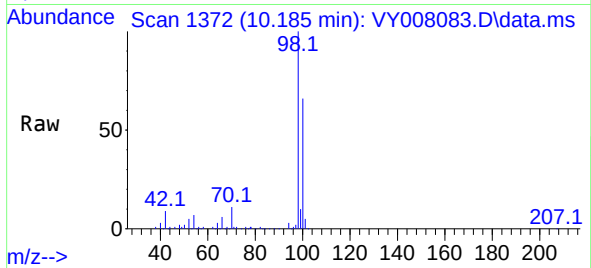




#50
Toluene-d8
Concen: 50.888 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

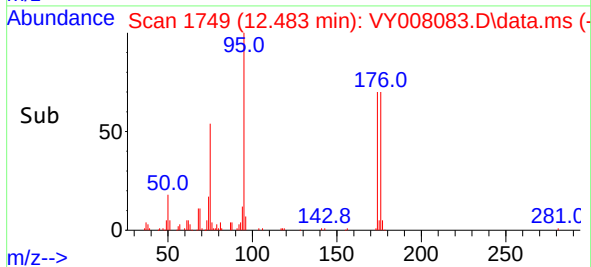
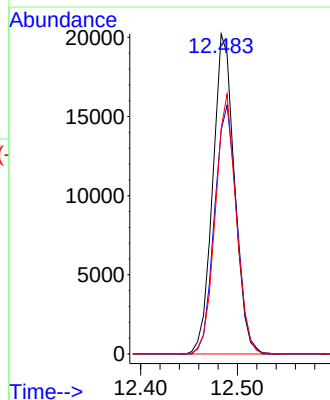
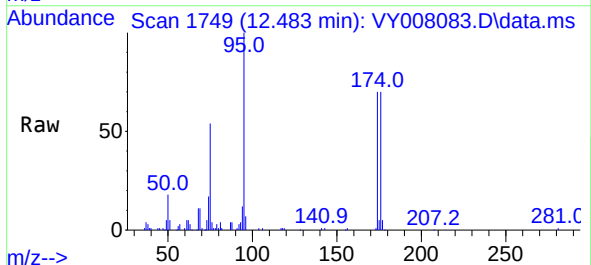
Instrument :
MSVOA_Y
ClientSampleId :
MHCRE

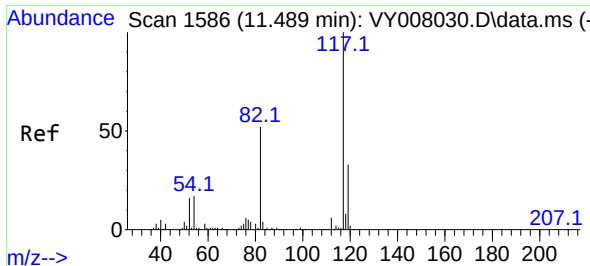
Tgt Ion: 98 Resp: 87630
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

Tgt Ion: 95 Resp: 31400
Ion Ratio Lower Upper
95 100
174 79.5 0.0 177.0
176 78.2 0.0 175.8

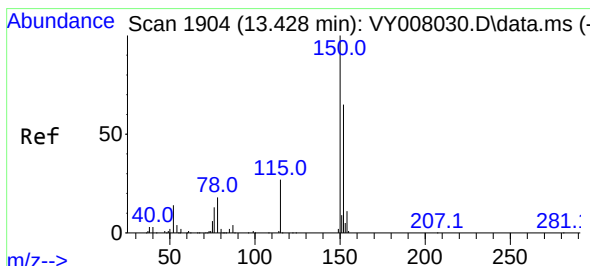
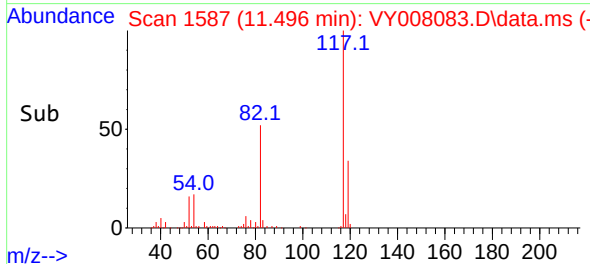
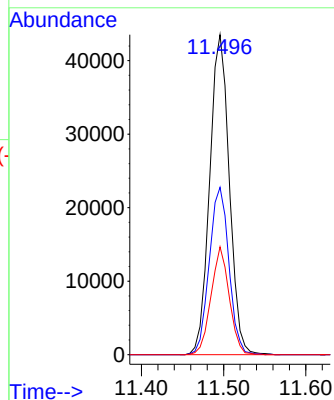
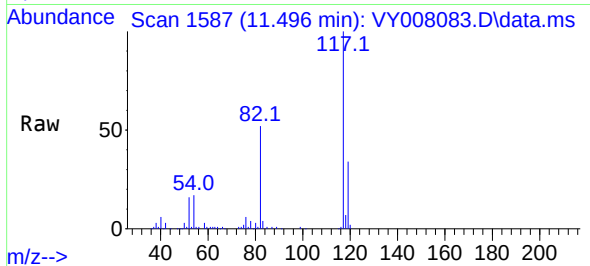




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY008083.D
Acq: 29 Mar 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :
MHCRE

Tgt Ion:117 Resp: 72183
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 33.7 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: VY008083.D
Acq: 29 Mar 2022 13:22

Tgt Ion:152 Resp: 30555
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 159.8 0.0 347.6

