

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008110.D
 Acq On : 30 Mar 2022 14:55
 Operator : SY/MD
 Sample : N2155-03RE
 Misc : 4.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-CRE

Quant Time: Mar 31 17:21:46 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	7.795	168	6885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4122	59.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.340%
35) Dibromofluoromethane	7.716	113	1846	23.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	47.200%#
50) Toluene-d8	10.179	98	15234	51.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.483	95	4772	45.894	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.780%

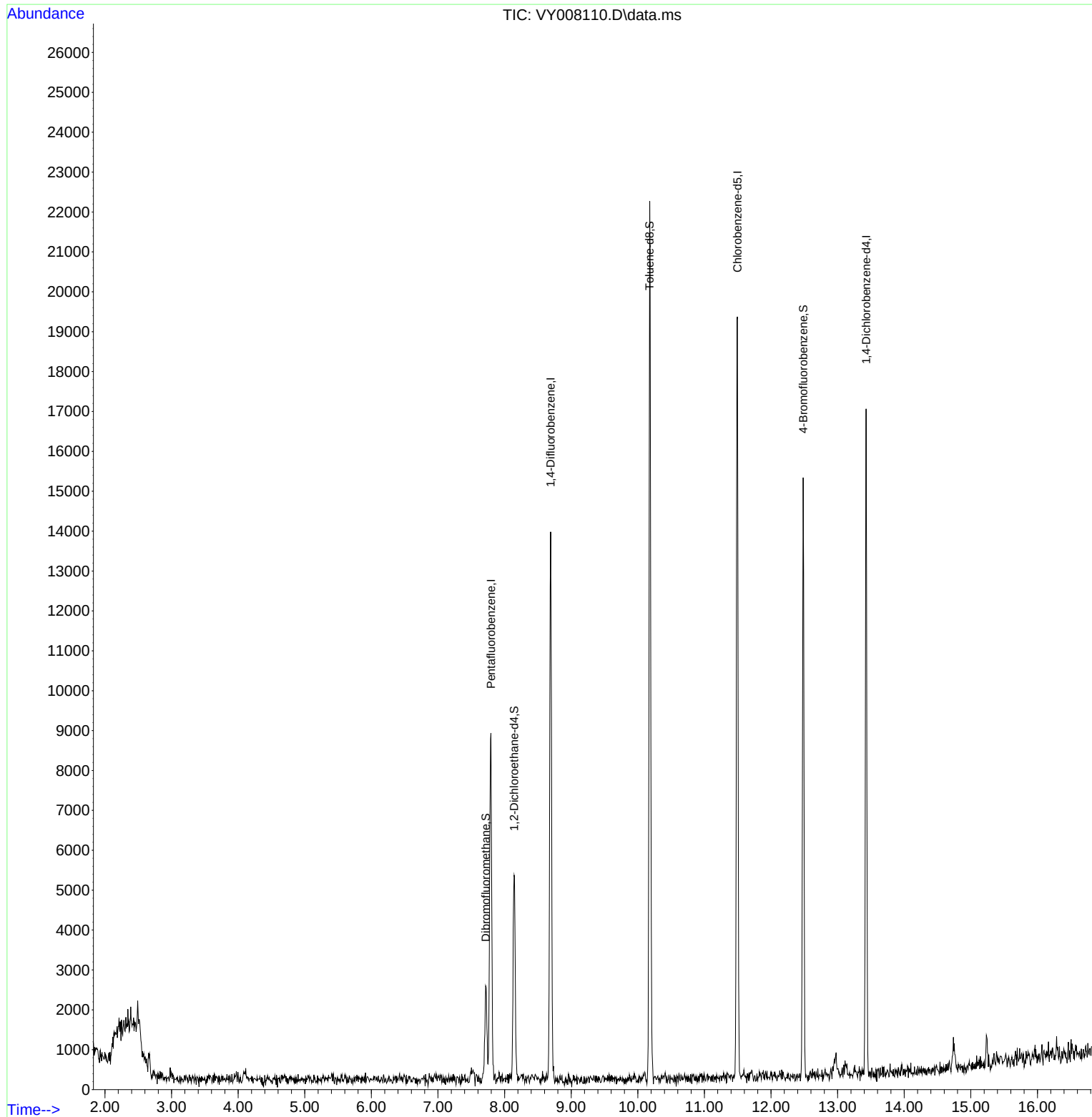
Target Compounds	Qvalue

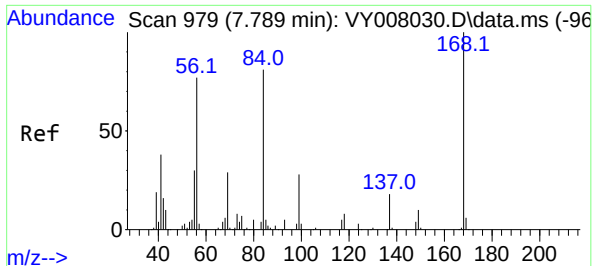
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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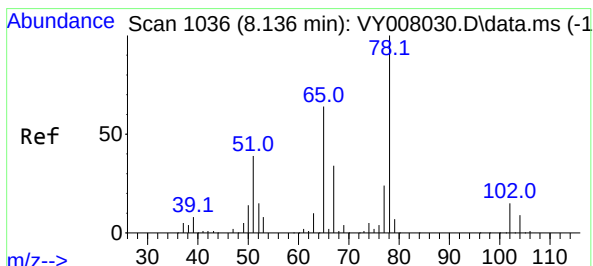
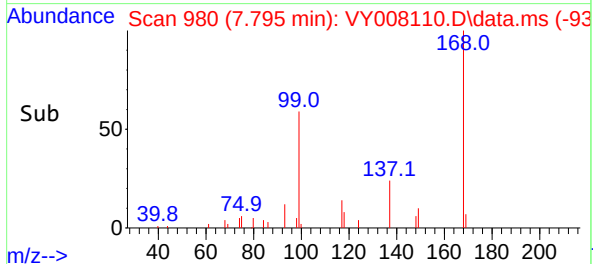
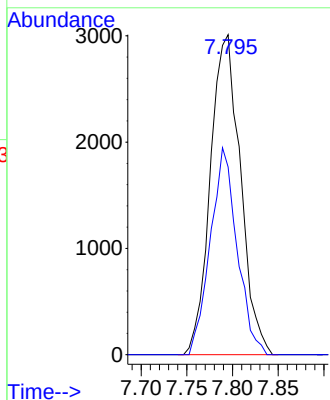
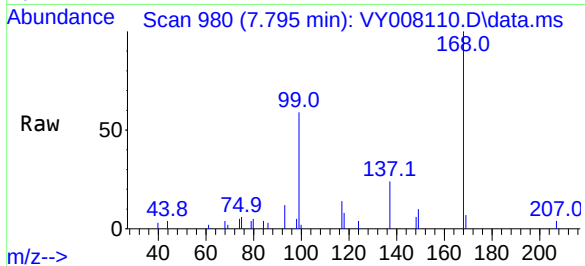




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

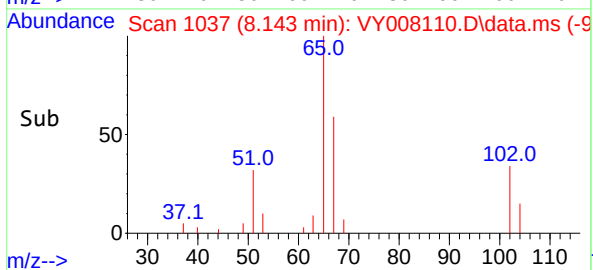
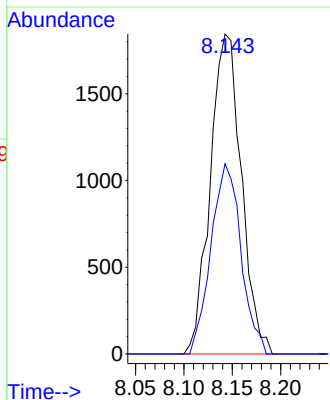
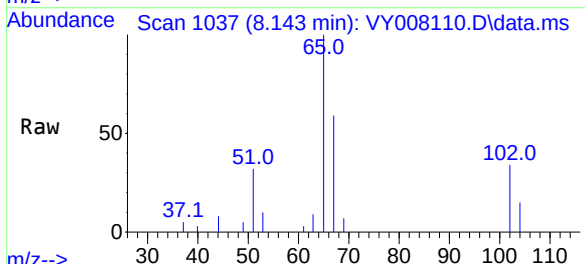
Instrument :
MSVOA_Y
ClientSampleId :
22L076-CRE

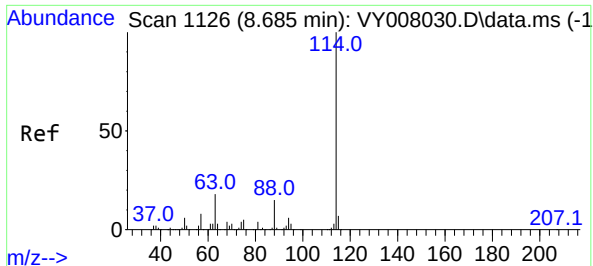
Tgt Ion:168 Resp: 6885
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.672 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

Tgt Ion: 65 Resp: 4122
Ion Ratio Lower Upper
65 100
67 57.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008110.D

Acq: 30 Mar 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

22L076-CRE

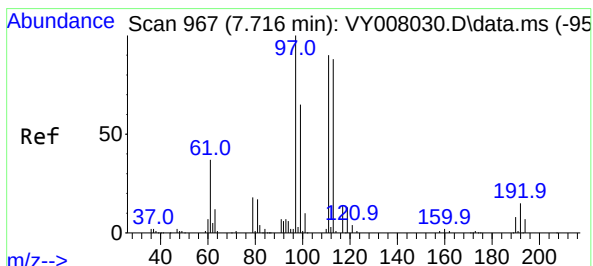
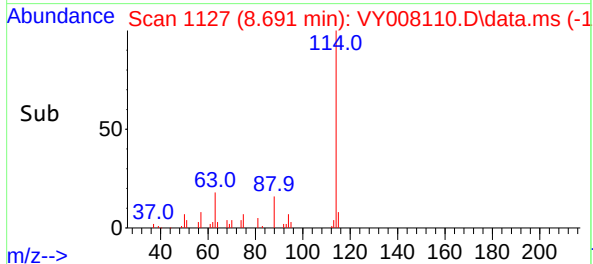
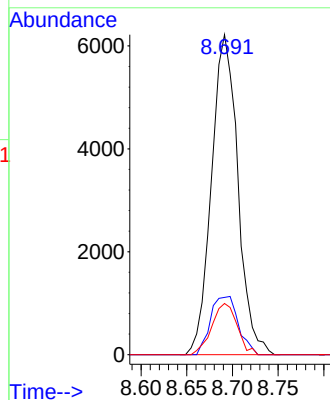
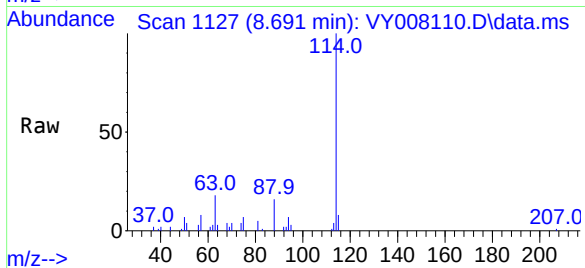
Tgt Ion:114 Resp: 12477

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 23.598 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008110.D

Acq: 30 Mar 2022 14:55

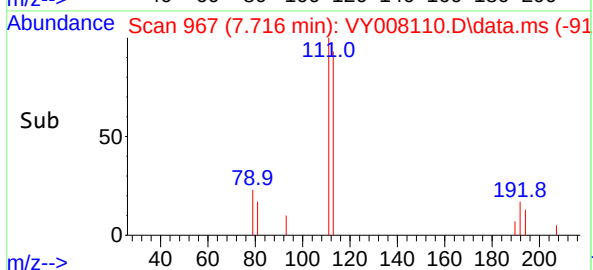
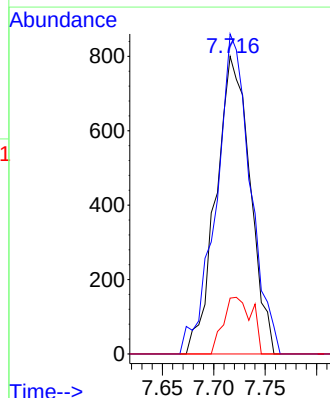
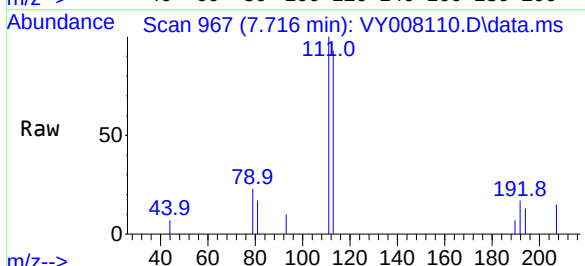
Tgt Ion:113 Resp: 1846

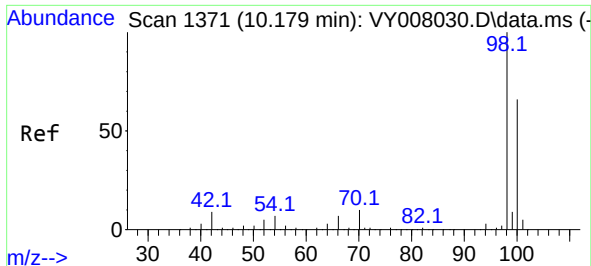
Ion Ratio Lower Upper

113 100

111 107.5 82.6 124.0

192 15.9 17.6 26.4#

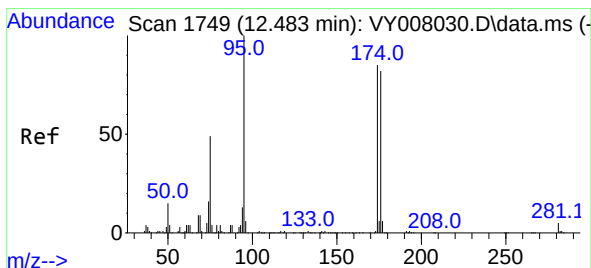
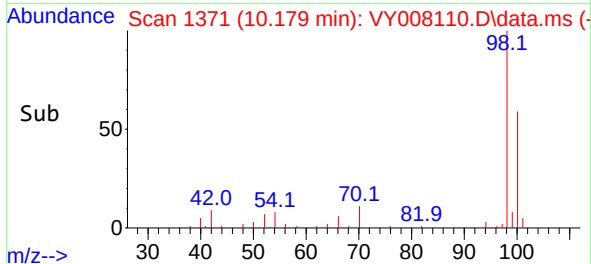
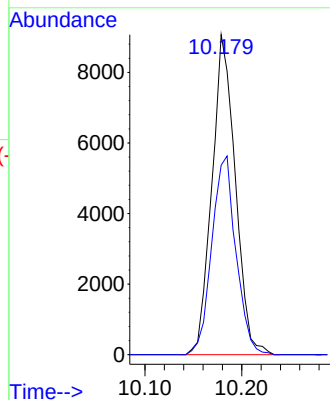
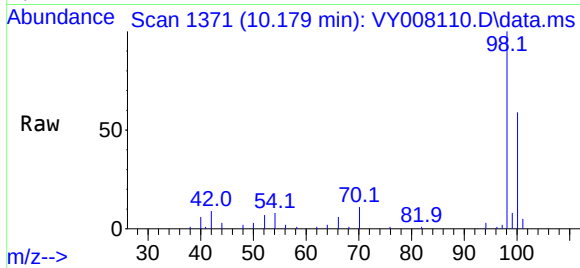




#50
Toluene-d8
Concen: 51.689 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

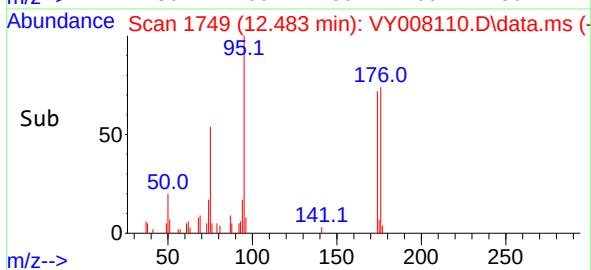
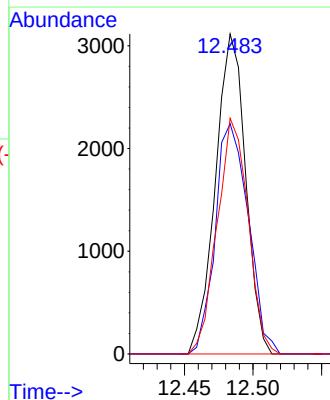
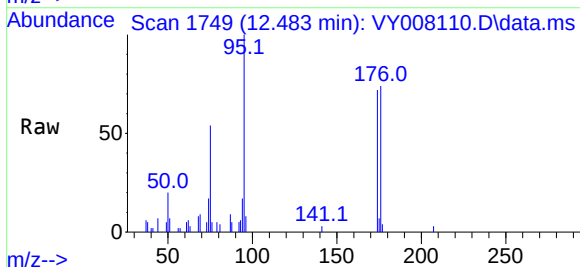
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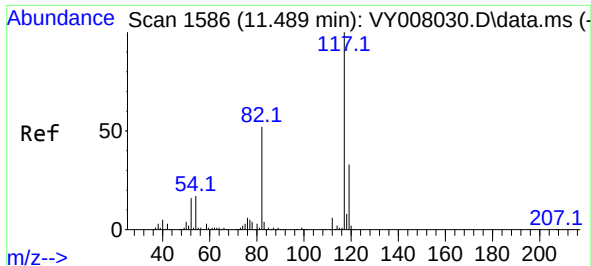
Tgt Ion: 98 Resp: 15234
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.894 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

Tgt Ion: 95 Resp: 4772
Ion Ratio Lower Upper
95 100
174 79.1 0.0 177.0
176 75.4 0.0 175.8

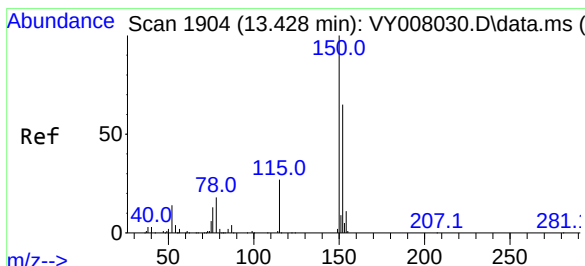
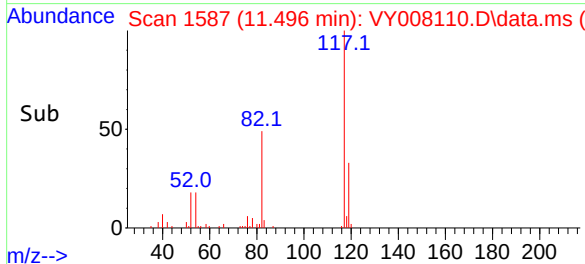
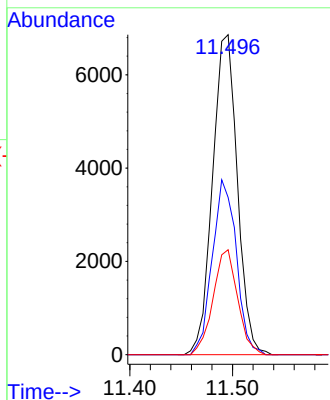
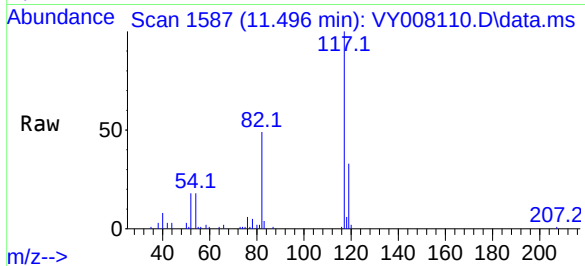




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

Instrument :
MSVOA_Y
ClientSampleId :
22L076-CRE

Tgt Ion:	117	Resp:	11479
Ion	Ratio	Lower	Upper
117	100		
82	49.1	43.0	64.4
119	32.8	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: VY008110.D
Acq: 30 Mar 2022 14:55

Tgt Ion:	152	Resp:	4378
Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.2	84.7
150	146.4	0.0	347.6

