

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006583.D
 Acq On : 02 Nov 2021 17:48
 Operator : SY/MD
 Sample : M4411-04
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-HHD

Quant Time: Nov 03 02:02:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	2349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1822	144.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 289.460%#	
35) Dibromofluoromethane	7.728	113	279	21.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 42.620%#	
50) Toluene-d8	10.179	98	3548	63.926	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 127.860%	
62) 4-Bromofluorobenzene	12.483	95	1189	63.596	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 127.200%	

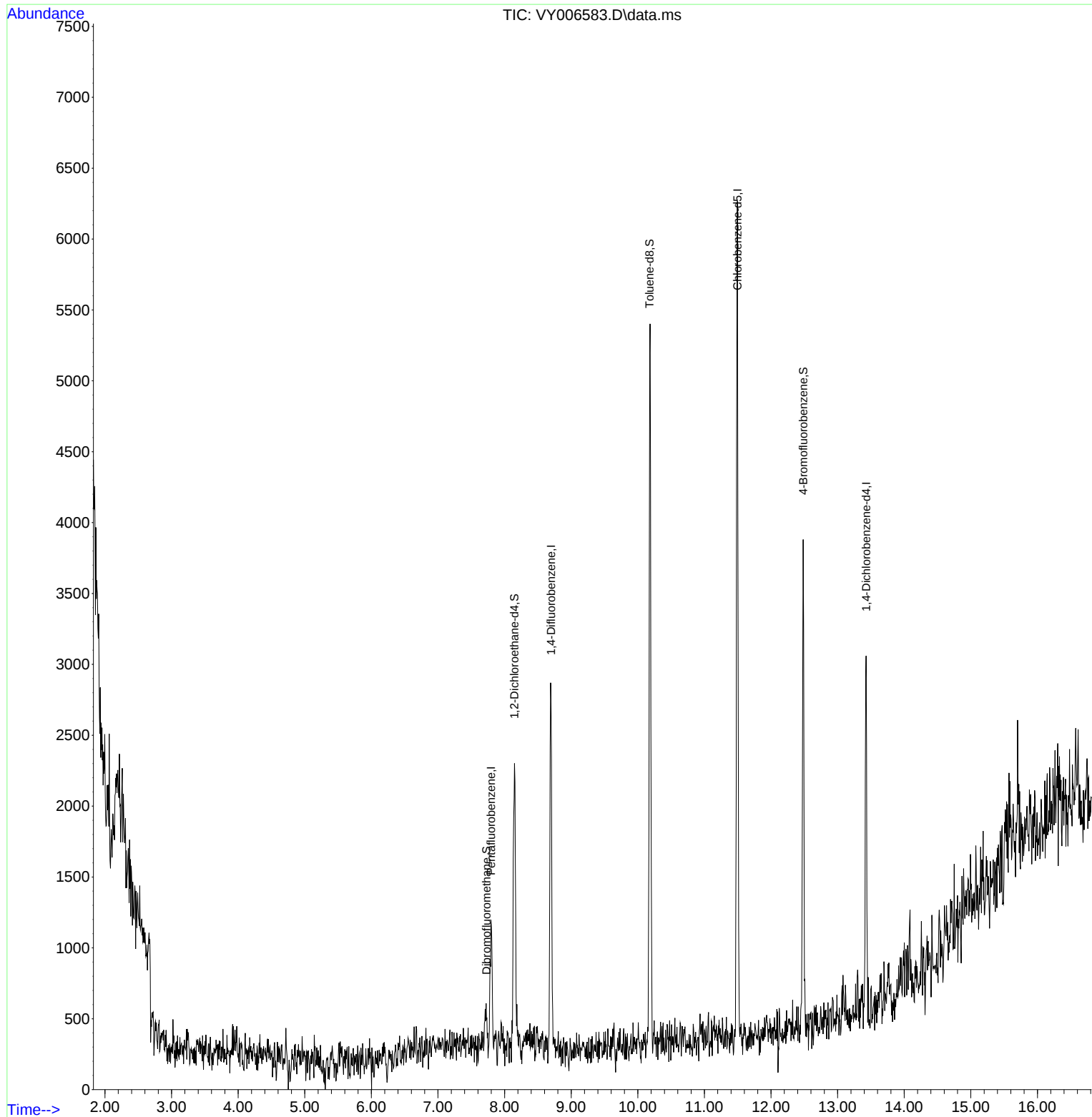
Target Compounds	Qvalue

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

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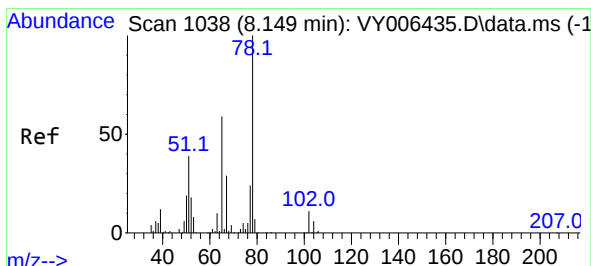
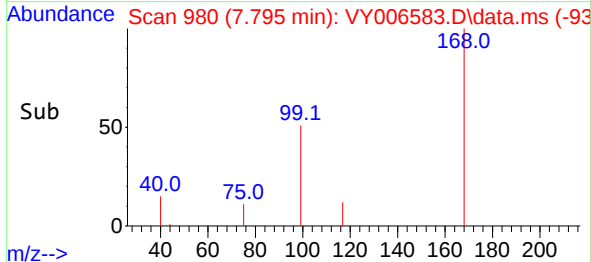
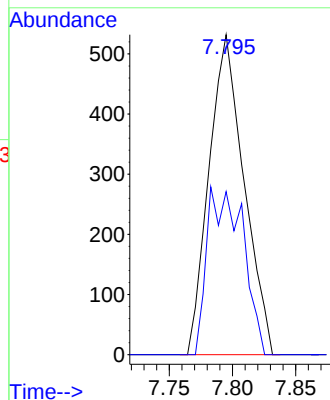
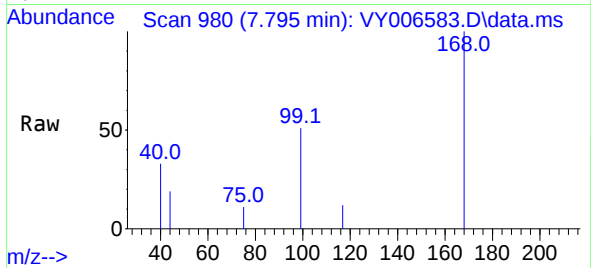




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

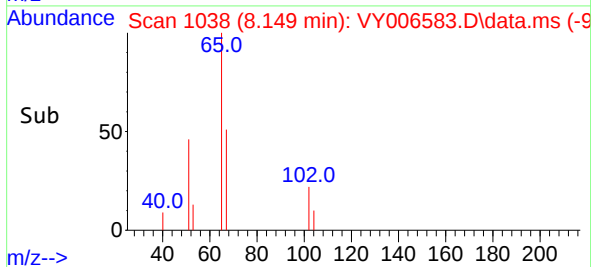
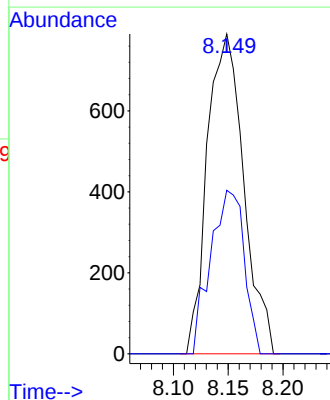
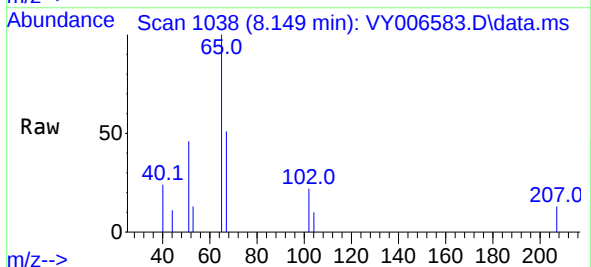
Instrument :
MSVOA_Y
ClientSampleId :
MH-HHD

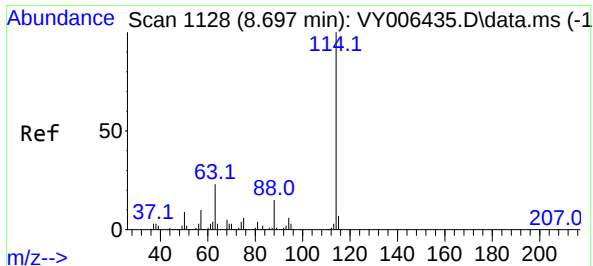
Tgt Ion:168 Resp: 1023
Ion Ratio Lower Upper
168 100
99 50.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 144.733 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

Tgt Ion: 65 Resp: 1822
Ion Ratio Lower Upper
65 100
67 47.2 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006583.D

Acq: 02 Nov 2021 17:48

Instrument :

MSVOA_Y

ClientSampleId :

MH-HHD

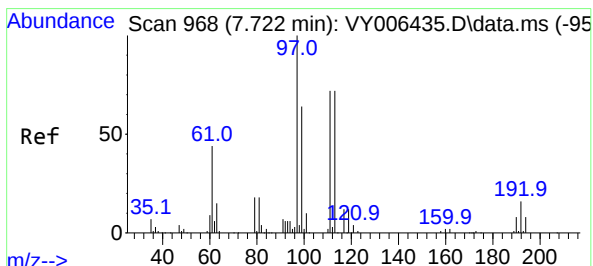
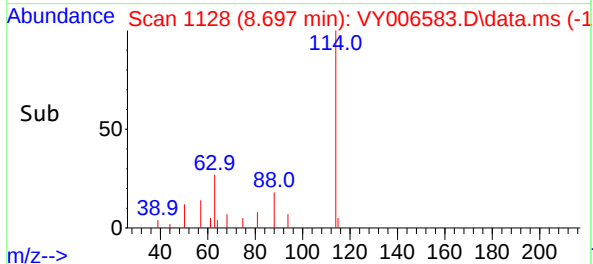
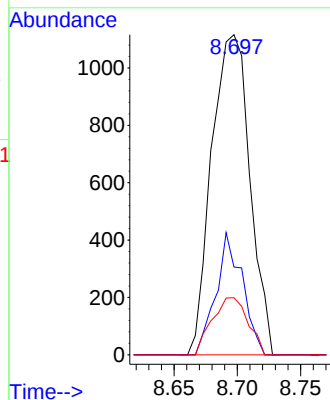
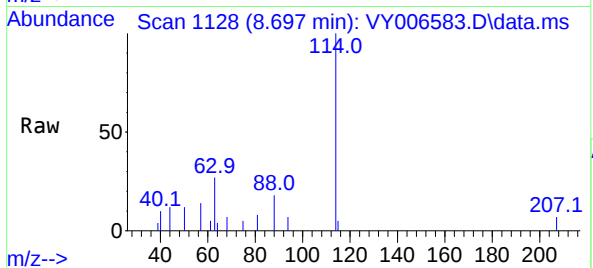
Tgt Ion:114 Resp: 2349

Ion Ratio Lower Upper

114 100

63 27.4 0.0 45.0

88 17.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 21.310 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006583.D

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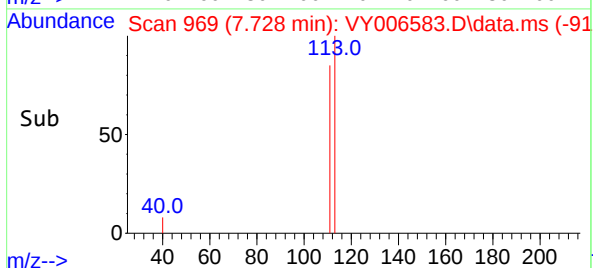
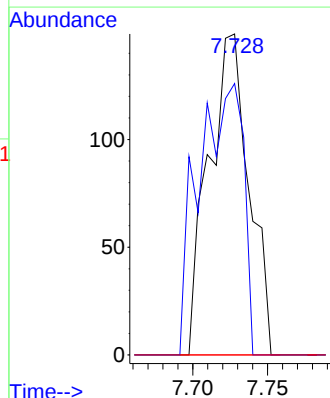
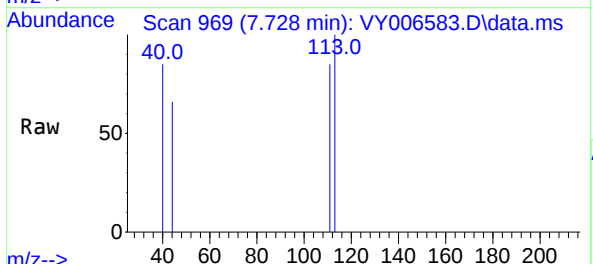
Tgt Ion:113 Resp: 279

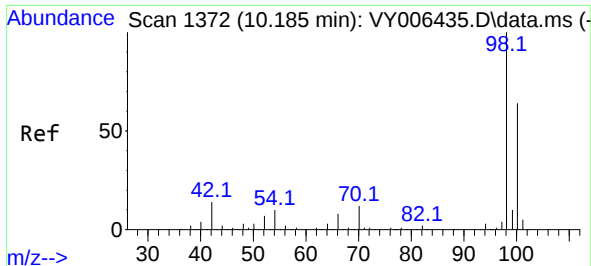
Ion Ratio Lower Upper

113 100

111 93.5 82.3 123.5

192 0.0 17.4 26.2#

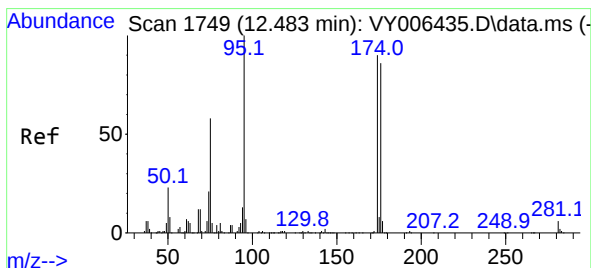
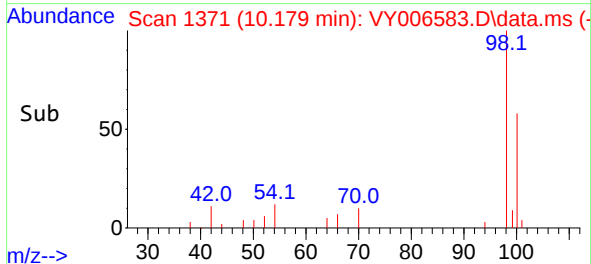
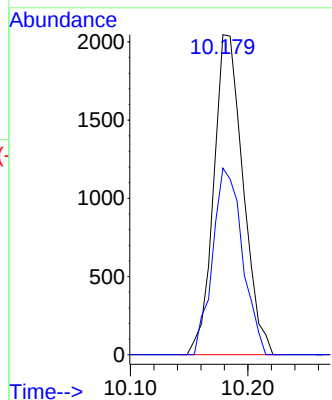
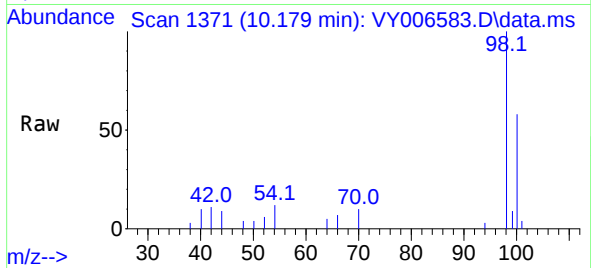




#50
Toluene-d8
Concen: 63.926 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

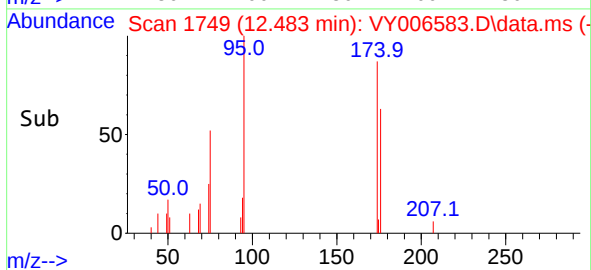
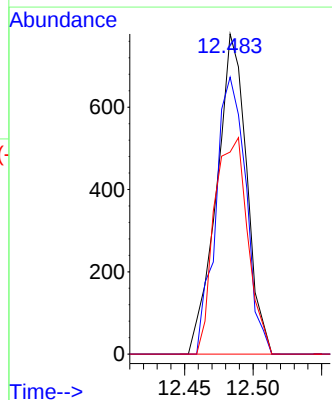
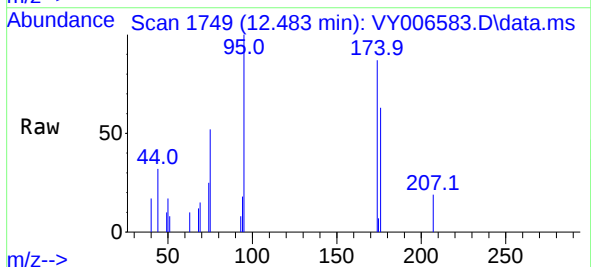
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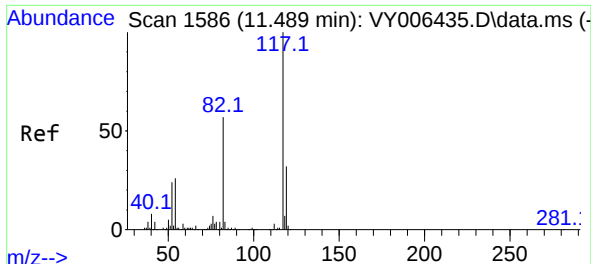
Tgt Ion: 98 Resp: 3548
Ion Ratio Lower Upper
98 100
100 59.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 63.596 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

Tgt Ion: 95 Resp: 1189
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 74.9 0.0 169.4

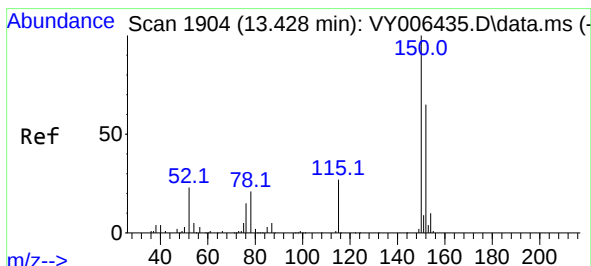
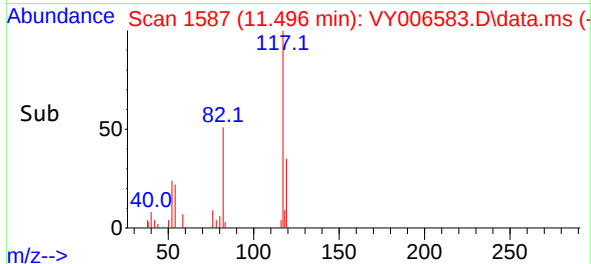
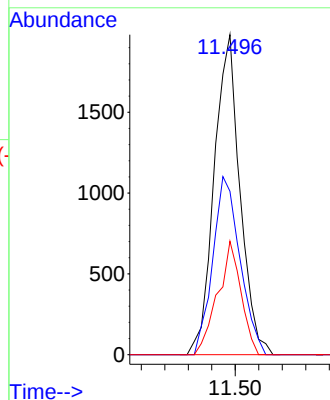
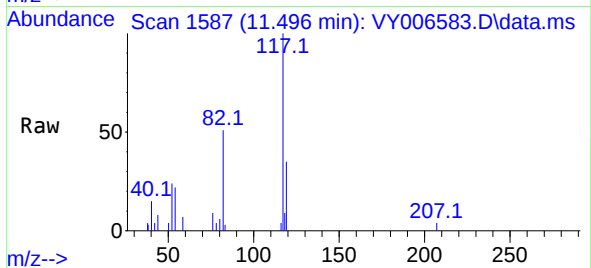




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

Instrument :
MSVOA_Y
ClientSampleId :
MH-HHD

Tgt Ion:117	Resp:	3019
Ion	Ratio	Lower Upper
117	100	
82	51.1	45.7 68.5
119	35.5	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

Tgt Ion:152	Resp:	758
Ion	Ratio	Lower Upper
152	100	
115	55.7	28.5 85.5
150	159.4	0.0 348.2

