

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006600.D
 Acq On : 03 Nov 2021 14:22
 Operator : SY/MD
 Sample : M4411-01RE
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-HHSRE

Quant Time: Nov 03 21:19:46 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	7.801	168	9814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	14412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	10847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5789	47.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.728	113	1857	23.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	46.240%#
50) Toluene-d8	10.185	98	16759	49.215	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.483	95	3806	33.180	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.360%

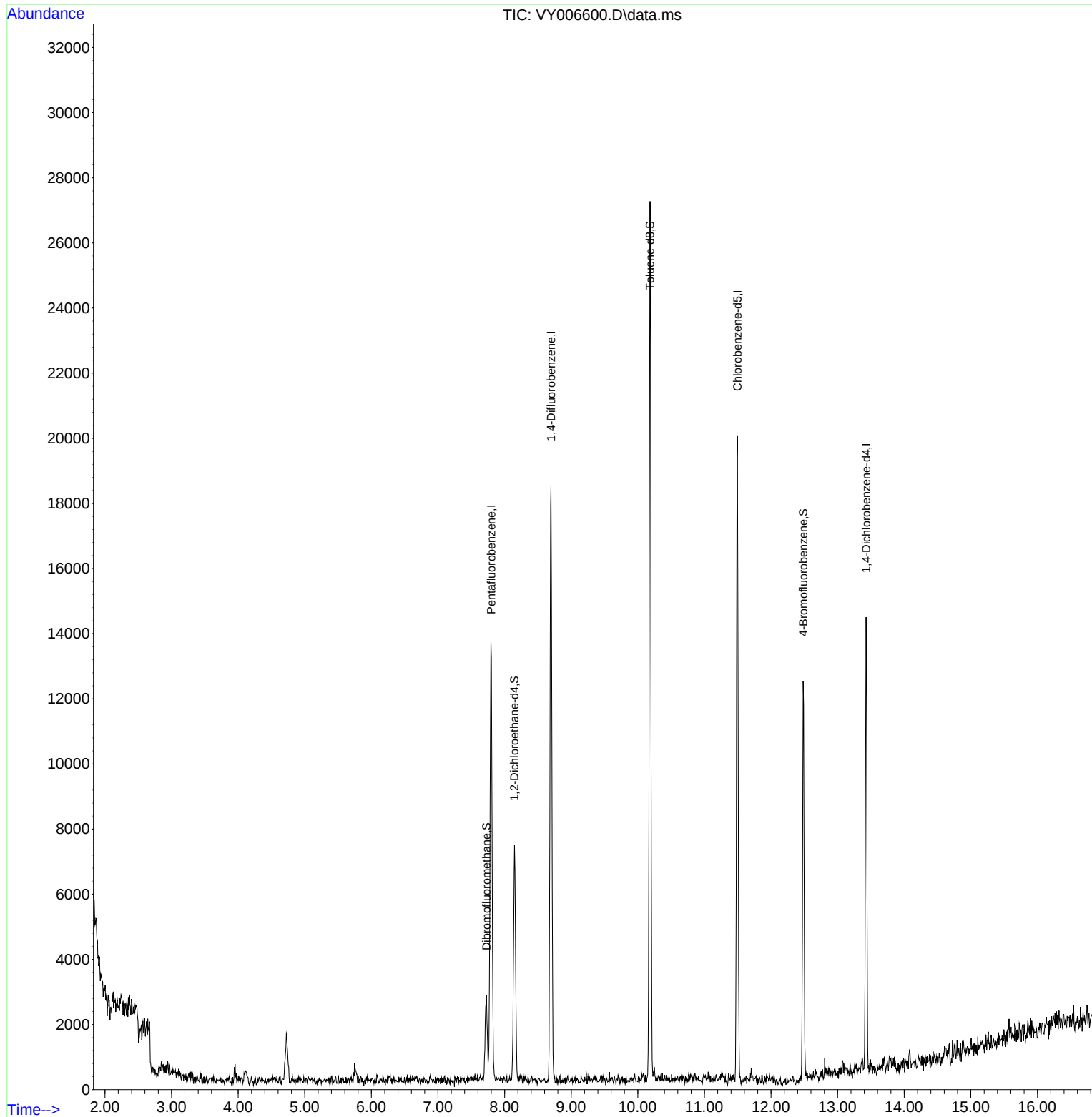
Target Compounds	Qvalue

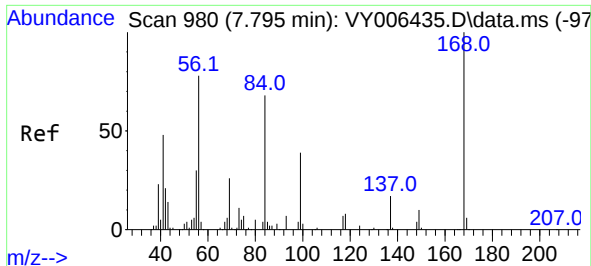
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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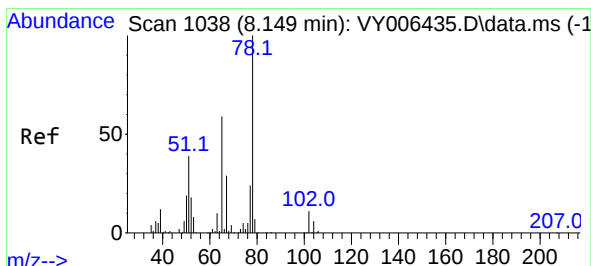
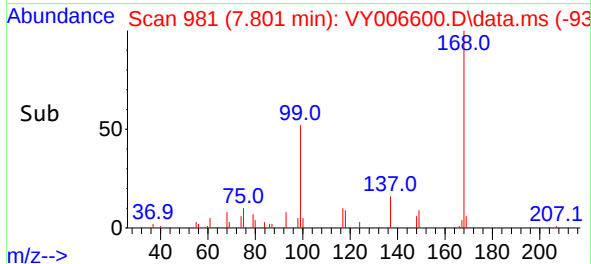
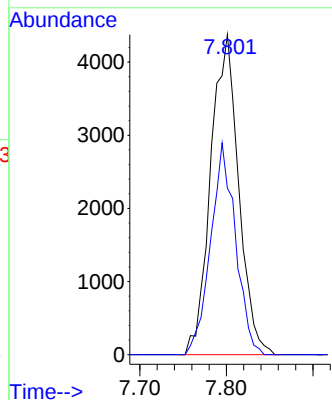
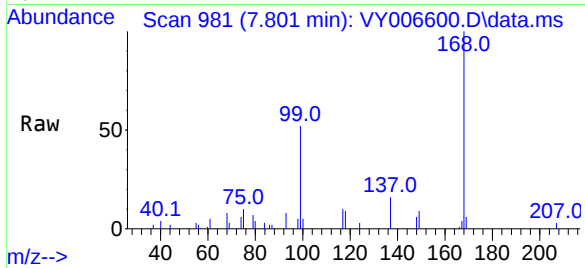




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006600.D
Acq: 03 Nov 2021 14:22

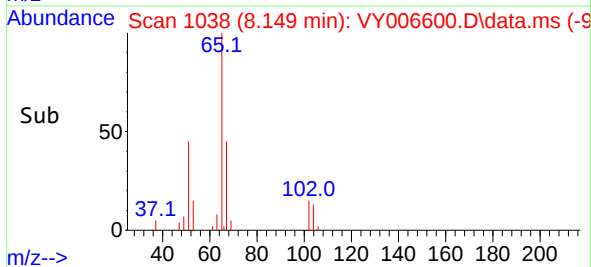
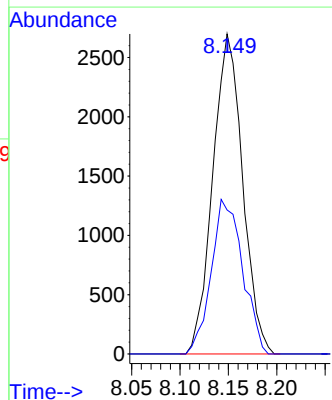
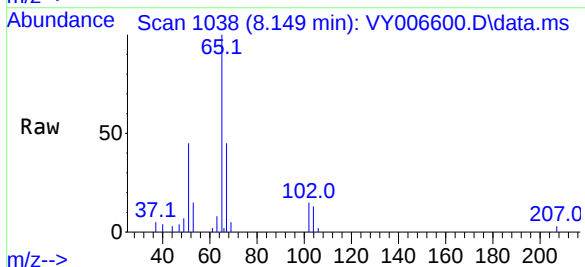
Instrument :
MSVOA_Y
ClientSampleId :
MH-HHSRE

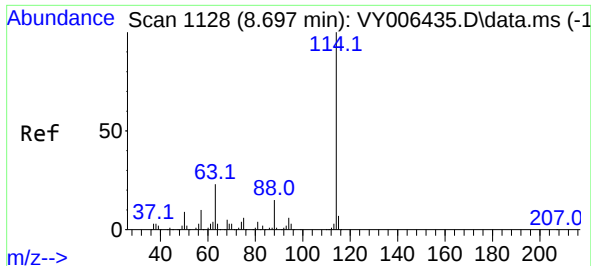
Tgt Ion:168 Resp: 9814
Ion Ratio Lower Upper
168 100
99 52.0 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 47.935 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006600.D
Acq: 03 Nov 2021 14:22

Tgt Ion: 65 Resp: 5789
Ion Ratio Lower Upper
65 100
67 50.8 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: VY006600.D

Acq: 03 Nov 2021 14:22

Instrument :

MSVOA_Y

ClientSampleId :

MH-HHSRE

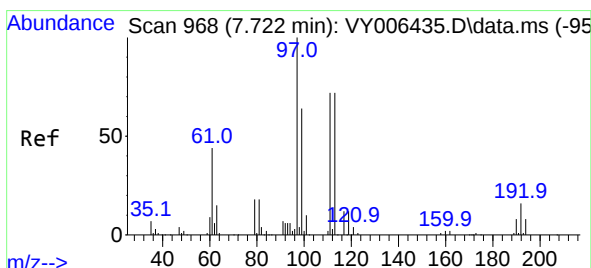
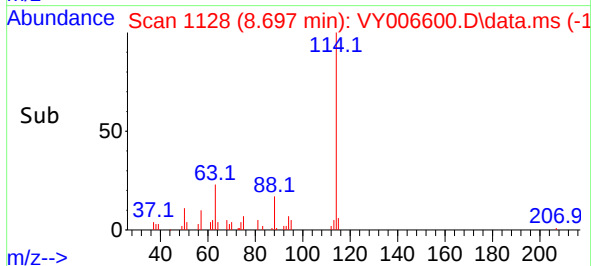
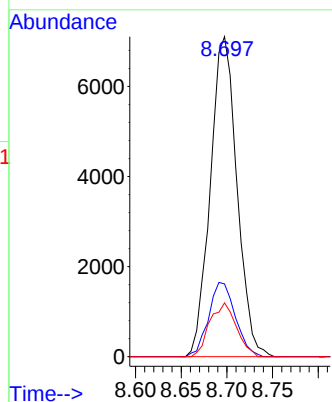
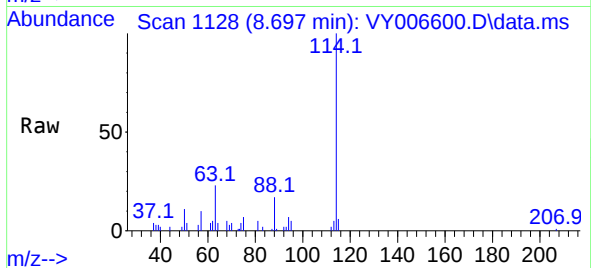
Tgt Ion:114 Resp: 14412

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 23.118 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006600.D

Acq: 03 Nov 2021 14:22

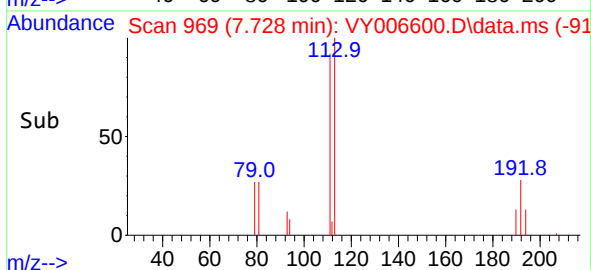
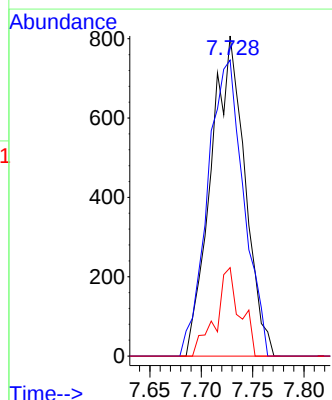
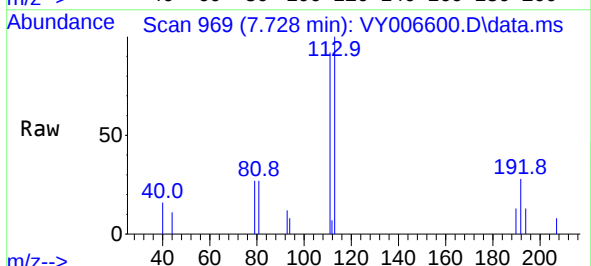
Tgt Ion:113 Resp: 1857

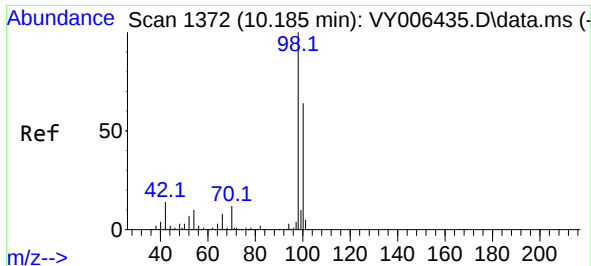
Ion Ratio Lower Upper

113 100

111 97.8 82.3 123.5

192 19.6 17.4 26.2

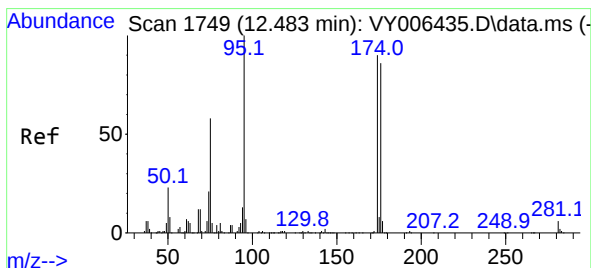
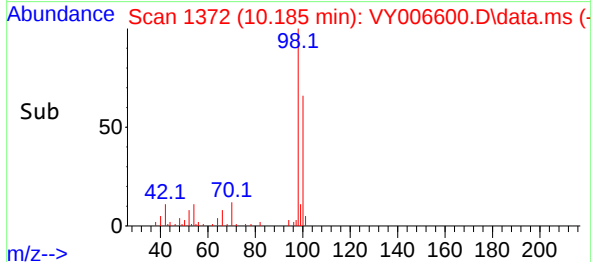
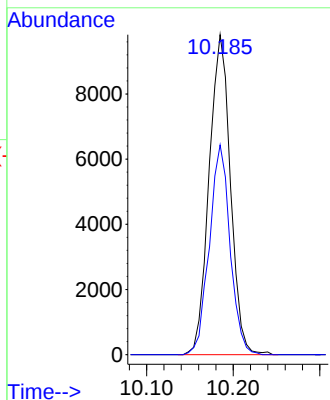
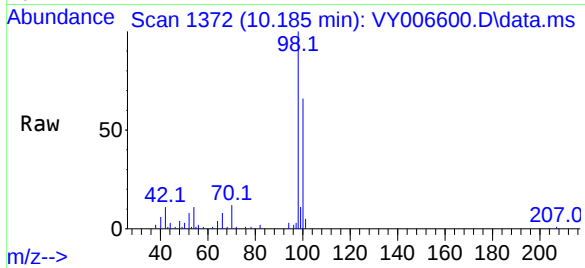




#50
Toluene-d8
Concen: 49.215 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006600.D
Acq: 03 Nov 2021 14:22

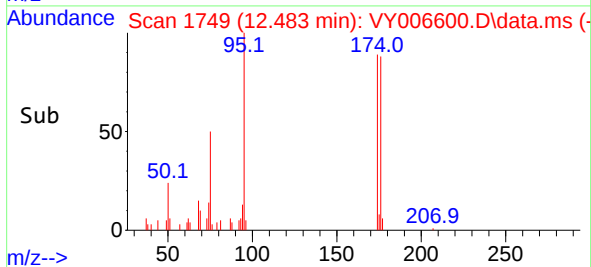
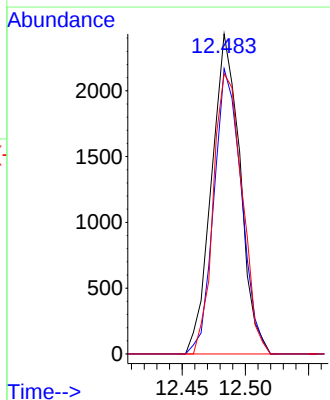
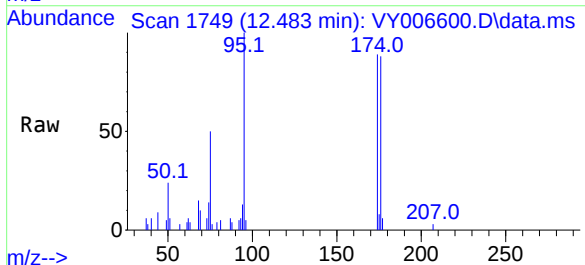
Instrument :
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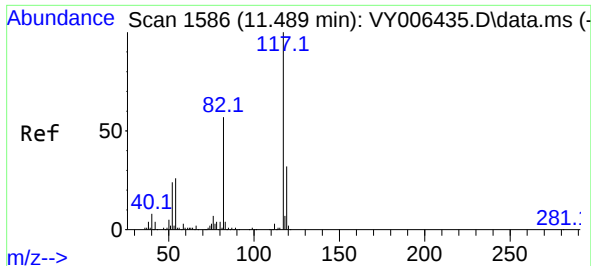
Tgt Ion: 98 Resp: 16759
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 33.180 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006600.D
Acq: 03 Nov 2021 14:22

Tgt Ion: 95 Resp: 3806
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 88.4 0.0 169.4

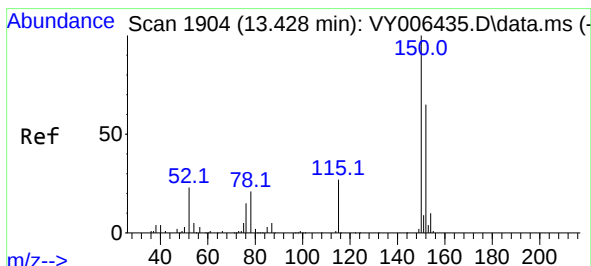
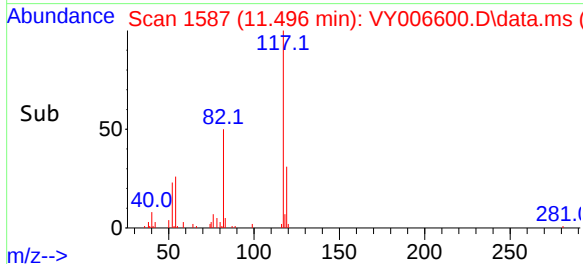
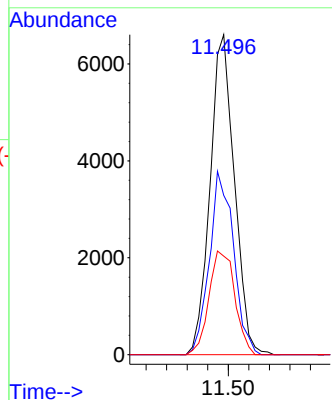
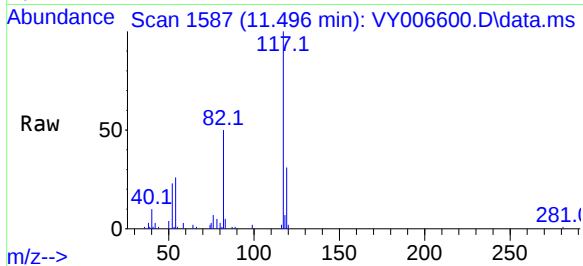




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006600.D
Acq: 03 Nov 2021 14:22

Instrument :
MSVOA_Y
ClientSampleId :
MH-HHSRE

Tgt Ion:117	Resp:	10847
Ion	Ratio	Lower Upper
117	100	
82	49.8	45.7 68.5
119	30.8	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: VY006600.D
Acq: 03 Nov 2021 14:22

Tgt Ion:152	Resp:	3395
Ion	Ratio	Lower Upper
152	100	
115	59.2	28.5 85.5
150	154.3	0.0 348.2

