

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006812.D
 Acq On : 18 Nov 2021 17:20
 Operator : SY/MD
 Sample : M4766-05
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-27106

Quant Time: Nov 19 05:34:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	108378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78183	55.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.728	113	58481	51.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.680%
50) Toluene-d8	10.185	98	229780	49.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.483	95	65641	41.711	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.420%

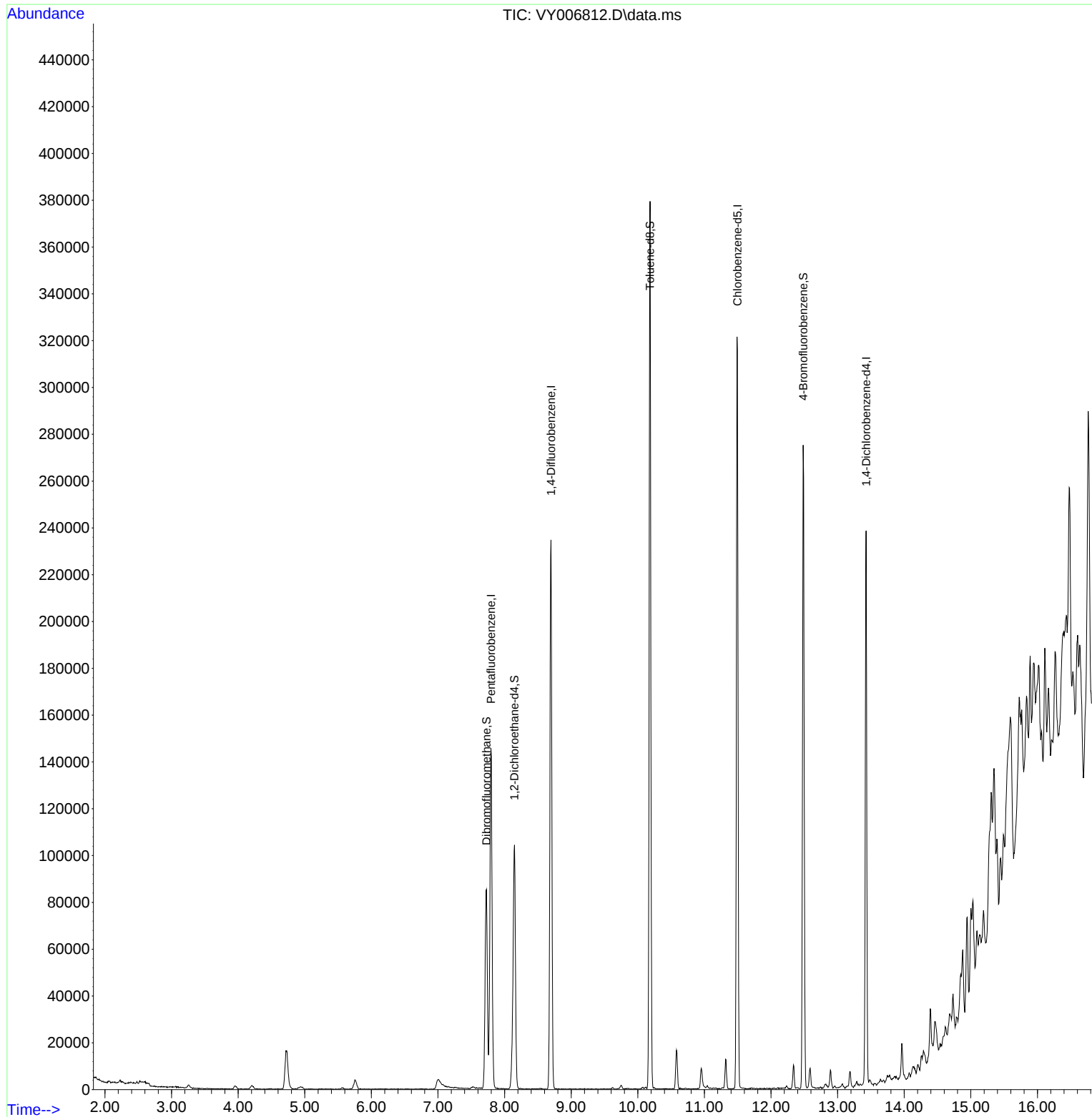
Target Compounds	Qvalue

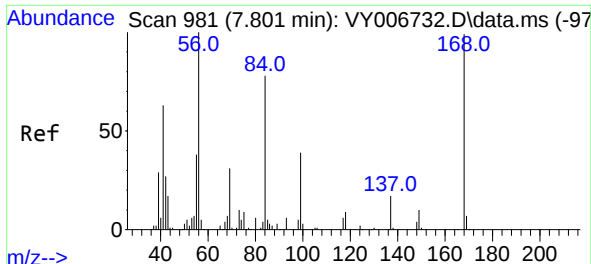
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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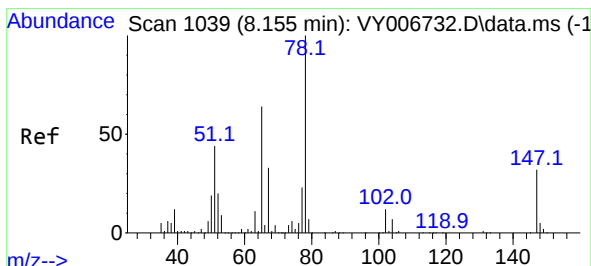
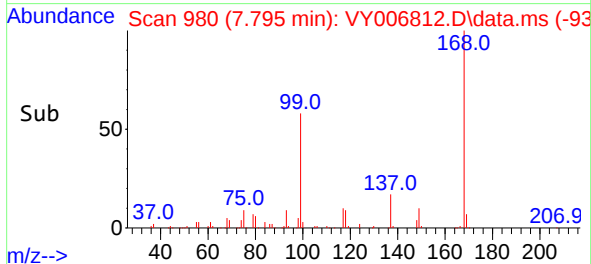
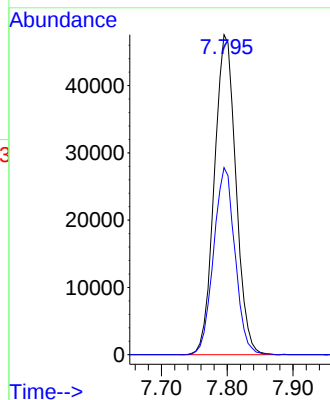
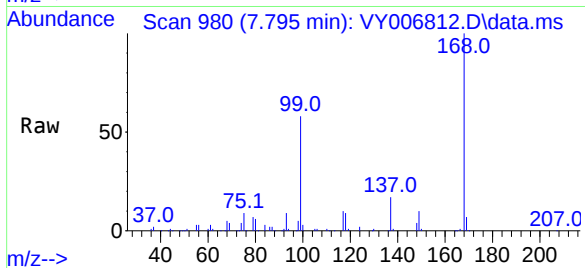




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

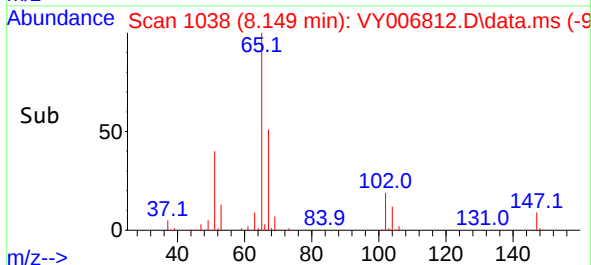
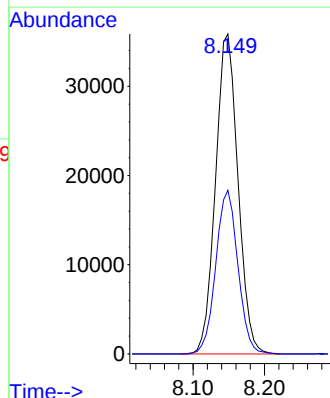
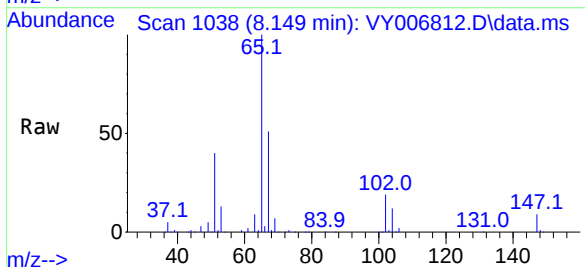
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-27106

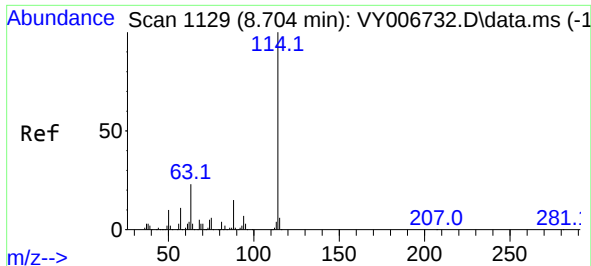
Tgt Ion:168 Resp: 108378
Ion Ratio Lower Upper
168 100
99 58.4 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 55.042 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

Tgt Ion: 65 Resp: 78183
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006812.D

Acq: 18 Nov 2021 17:20

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-27106

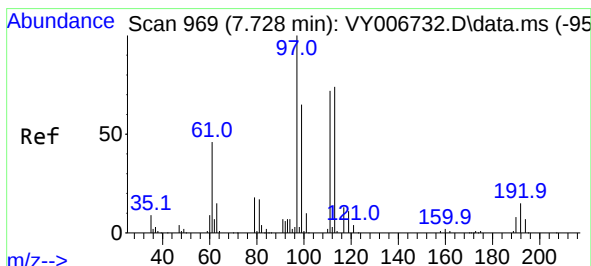
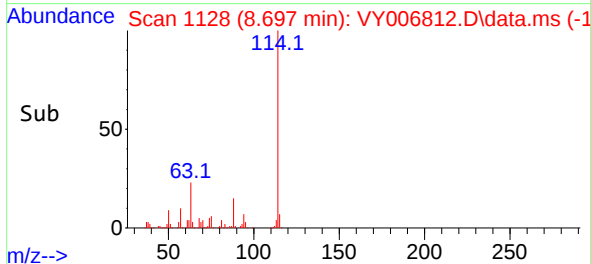
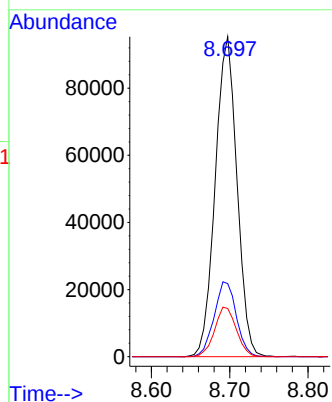
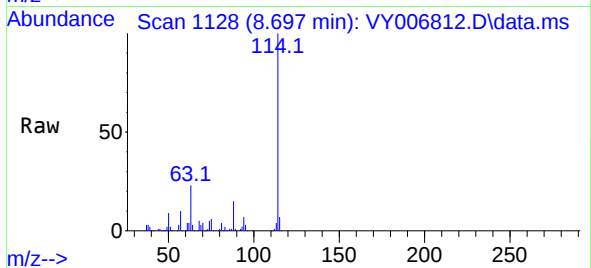
Tgt Ion:114 Resp: 183652

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.842 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006812.D

Acq: 18 Nov 2021 17:20

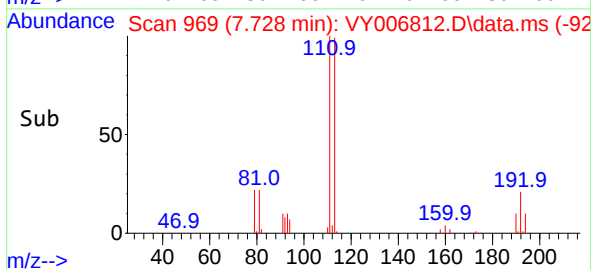
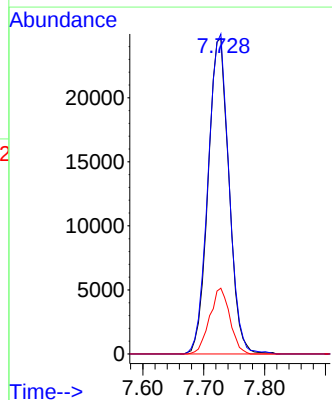
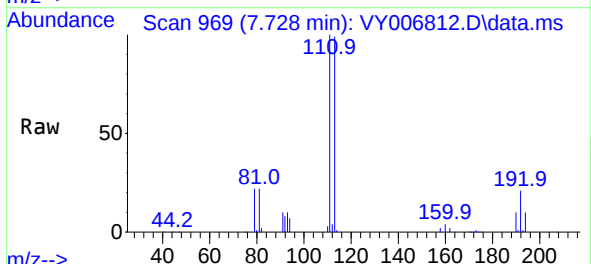
Tgt Ion:113 Resp: 58481

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 20.2 17.4 26.2

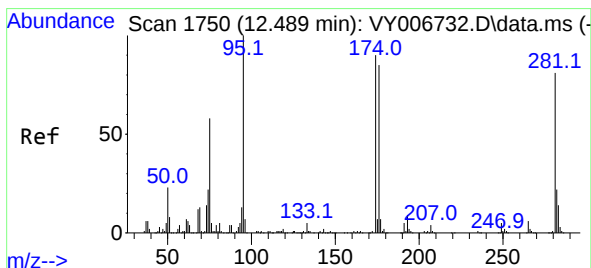
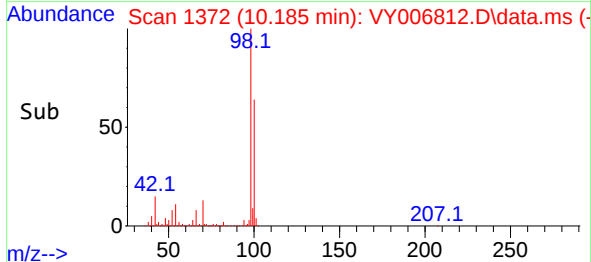
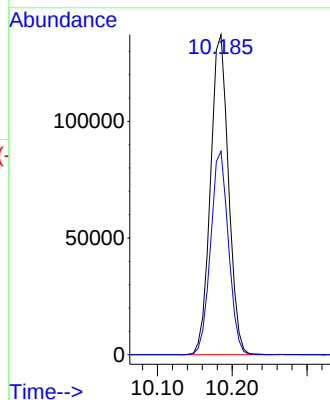
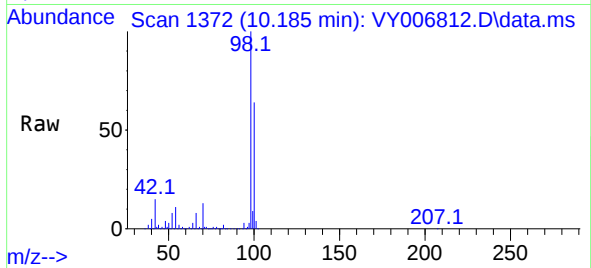




#50
Toluene-d8
Concen: 49.224 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

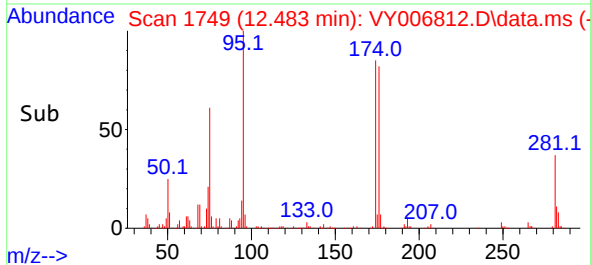
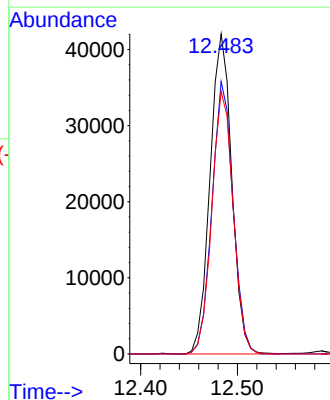
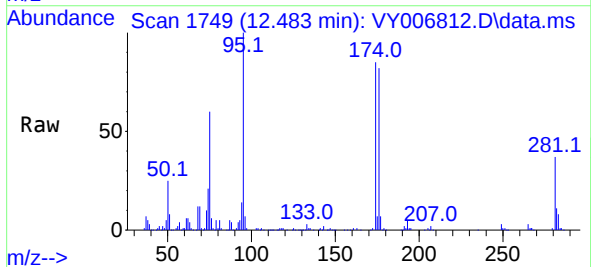
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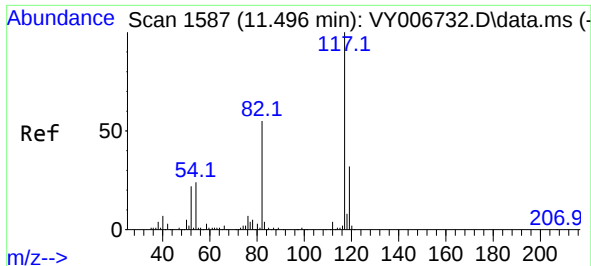
Tgt Ion: 98 Resp: 229780
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 41.711 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

Tgt Ion: 95 Resp: 65641
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 80.3 0.0 169.4

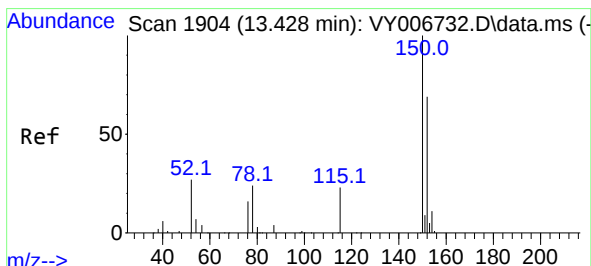
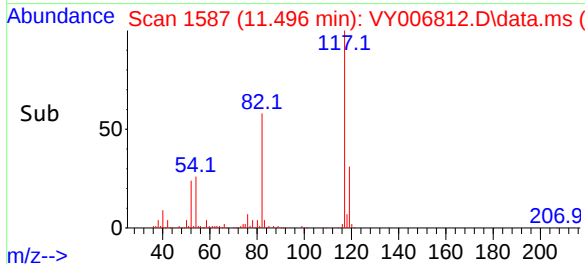
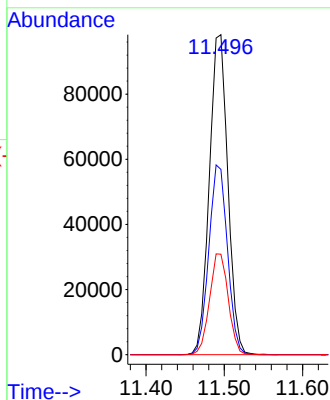
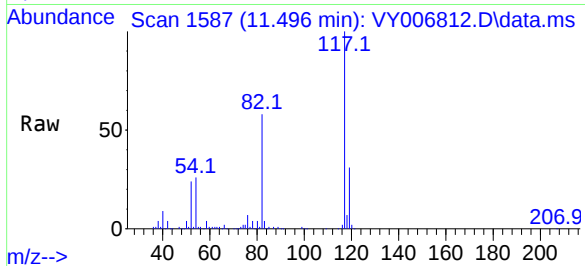




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-27106

Tgt Ion:117 Resp: 161488
Ion Ratio Lower Upper
117 100
82 57.9 45.7 68.5
119 31.4 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: VY006812.D
Acq: 18 Nov 2021 17:20

Tgt Ion:152 Resp: 54522
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.5
150 158.4 0.0 348.2

