

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006786.D
 Acq On : 17 Nov 2021 14:20
 Operator : SY/MD
 Sample : M4673-01
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-72-11933

Quant Time: Nov 18 03:01:53 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	7.801	168	97033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	150824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73479	57.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.560%
35) Dibromofluoromethane	7.728	113	51884	49.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.880%
50) Toluene-d8	10.185	98	208958	48.121	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.483	95	63403	43.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.620%

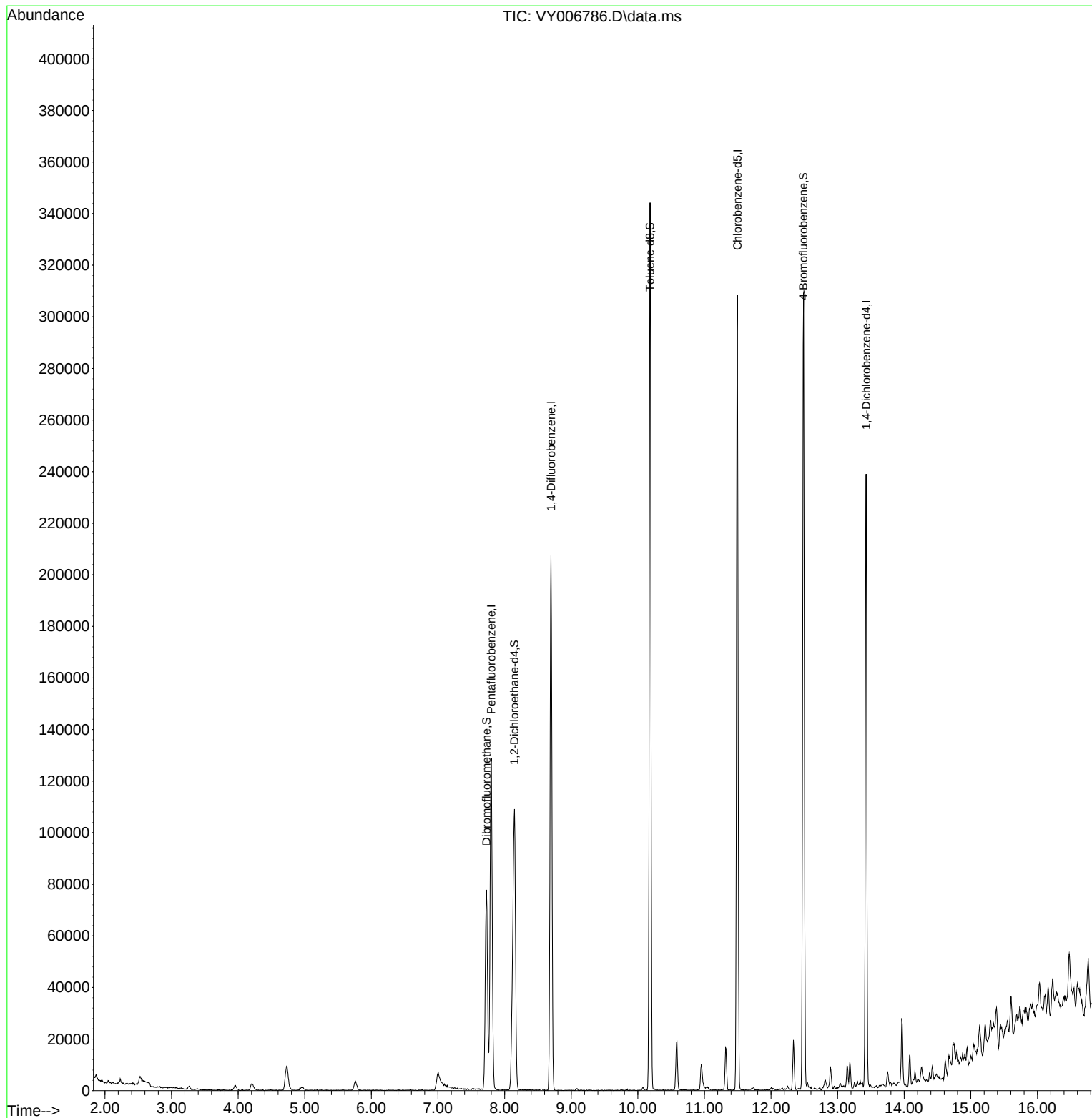
Target Compounds	Qvalue

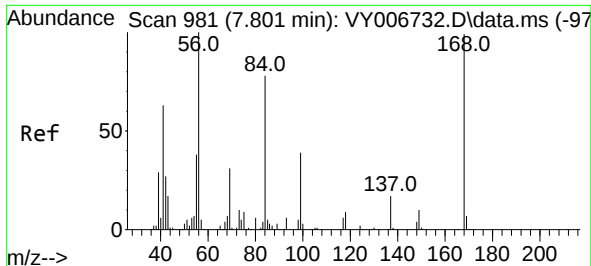
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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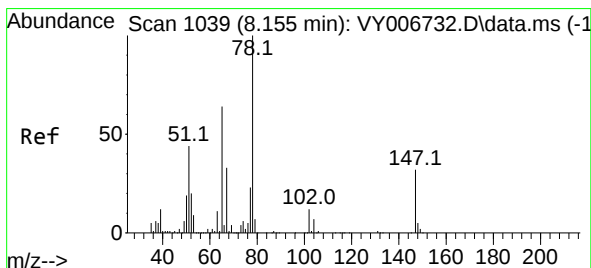
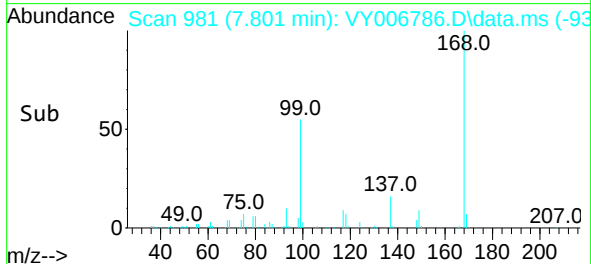
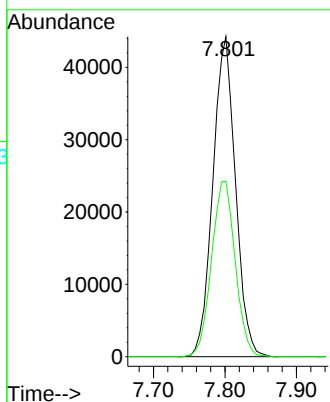
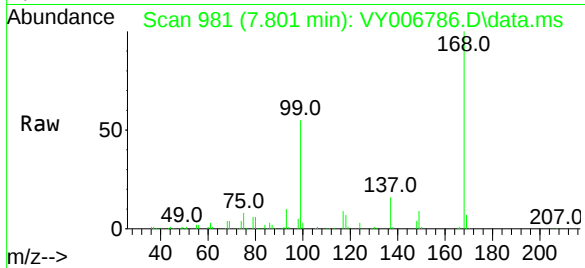




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006786.D
Acq: 17 Nov 2021 14:20

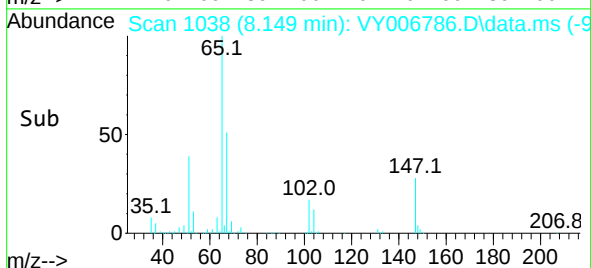
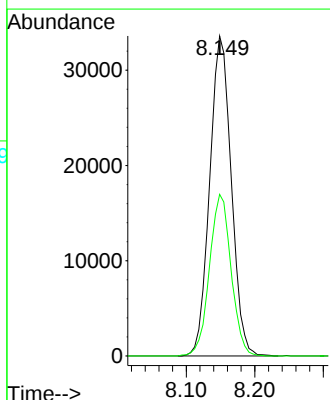
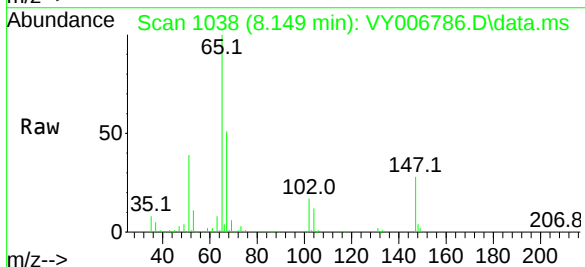
Instrument :
MSVOA_Y
ClientSampleId :
RO-72-11933

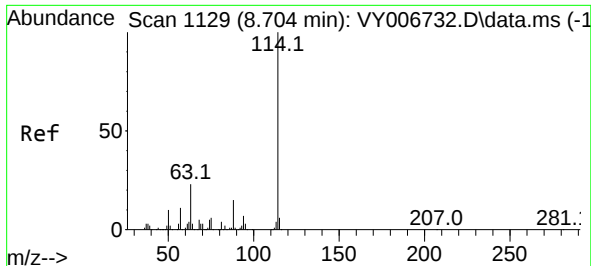
Tgt Ion:168 Resp: 97033
Ion Ratio Lower Upper
168 100
99 54.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 57.779 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006786.D
Acq: 17 Nov 2021 14:20

Tgt Ion: 65 Resp: 73479
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.2

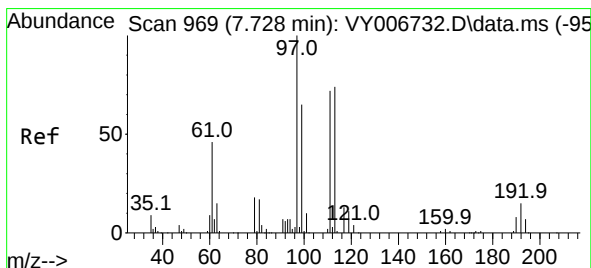
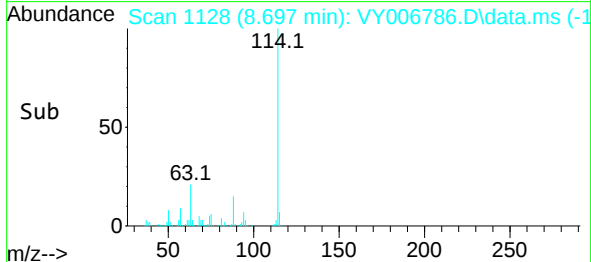
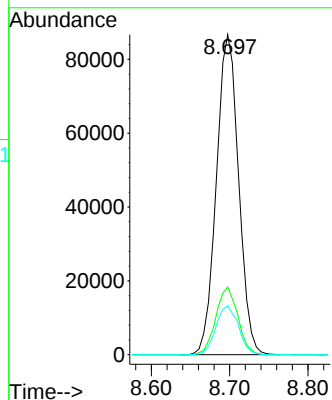
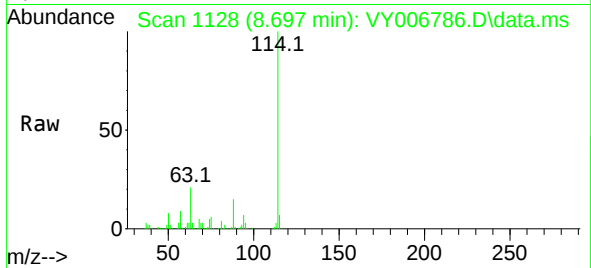




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006786.D
Acq: 17 Nov 2021 14:20

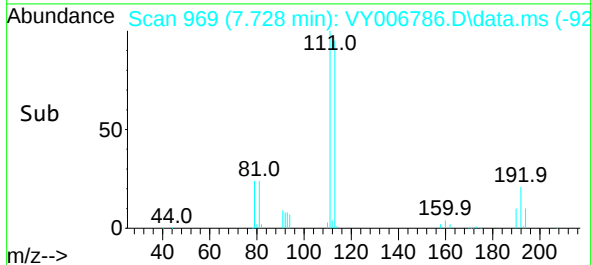
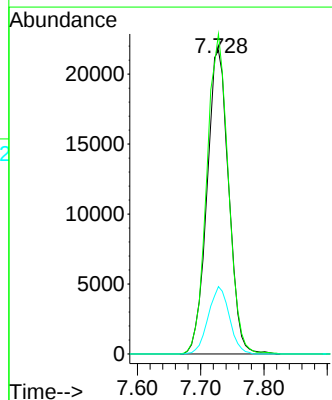
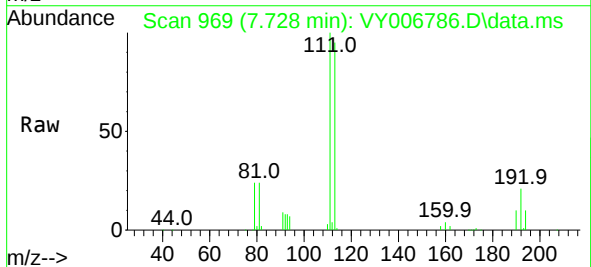
Instrument :
MSVOA_Y
ClientSampleId :
RO-72-11933

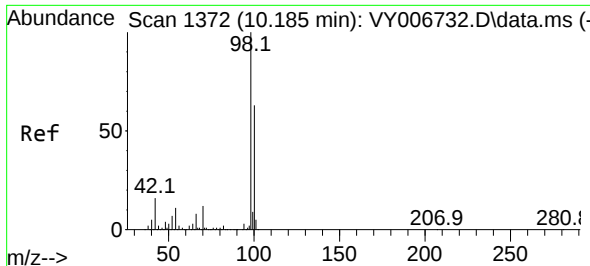
Tgt Ion:114 Resp: 170837
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.444 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006786.D
Acq: 17 Nov 2021 14:20

Tgt Ion:113 Resp: 51884
Ion Ratio Lower Upper
113 100
111 104.3 82.3 123.5
192 21.5 17.4 26.2

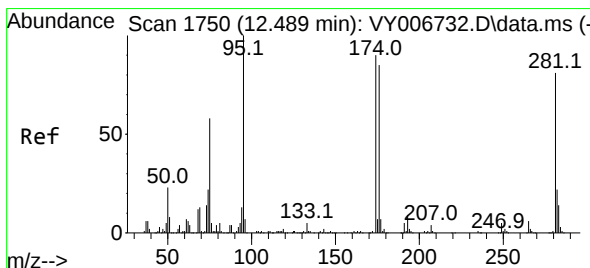
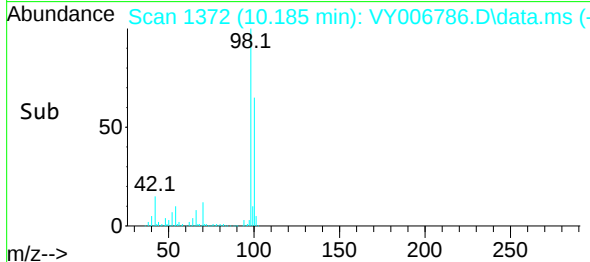
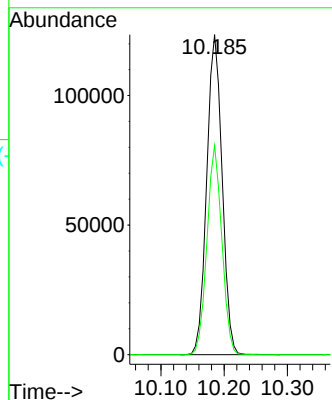
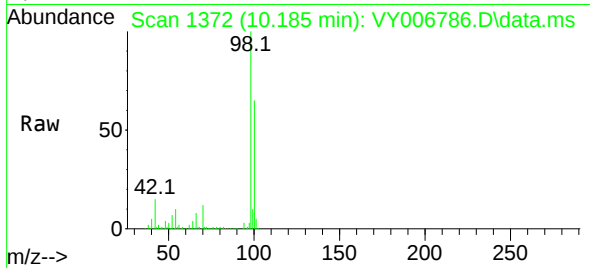




#50
Toluene-d8
Concen: 48.121 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006786.D
Acq: 17 Nov 2021 14:20

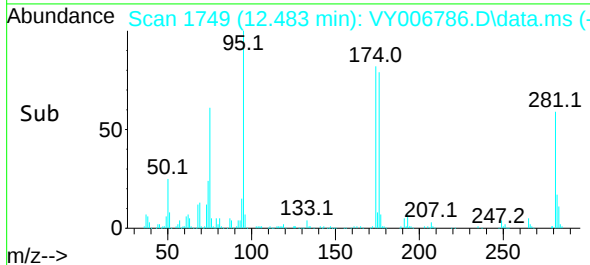
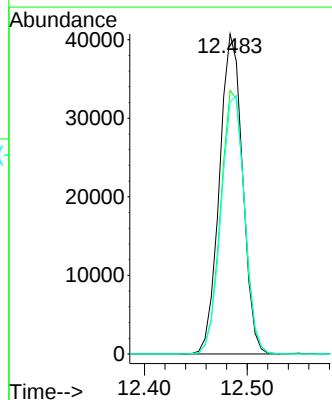
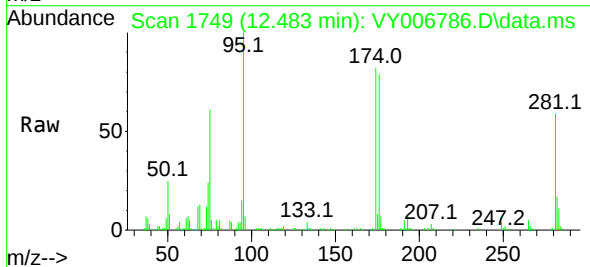
Instrument :
MSVOA_Y
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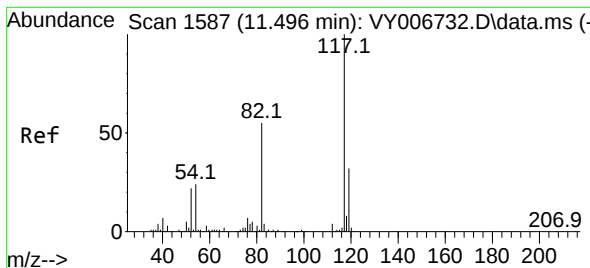
Tgt Ion: 98 Resp: 208958
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006786.D
Acq: 17 Nov 2021 14:20

Tgt Ion: 95 Resp: 63403
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 82.5 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: VY006786.D

Acq: 17 Nov 2021 14:20

Instrument :

MSVOA_Y

ClientSampleId :

RO-72-11933

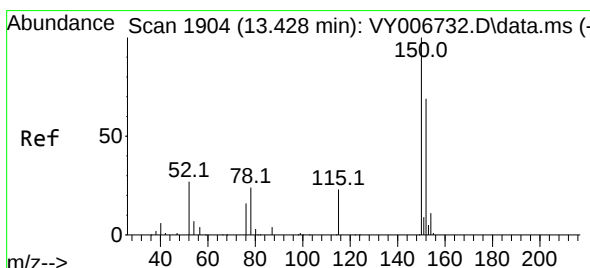
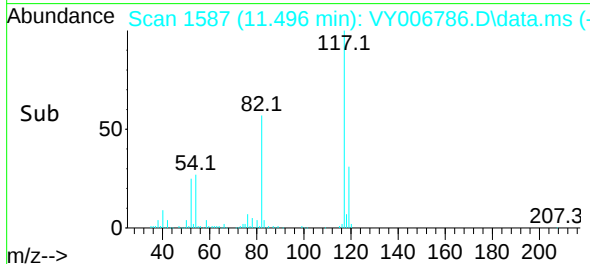
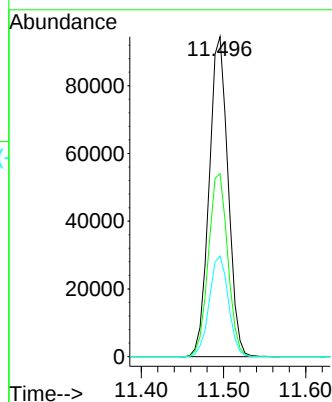
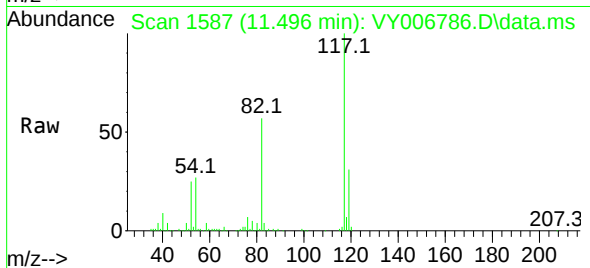
Tgt Ion:117 Resp: 150824

Ion Ratio Lower Upper

117 100

82 57.1 45.7 68.5

119 31.5 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: VY006786.D

Acq: 17 Nov 2021 14:20

Tgt Ion:152 Resp: 54944

Ion Ratio Lower Upper

152 100

115 57.1 28.5 85.5

150 159.3 0.0 348.2

