

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011782.D
 Acq On : 13 Dec 2022 10:54
 Operator : KP/MD
 Sample : VY1213SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1213SBL01

Quant Time: Dec 13 22:16:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	195670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	320675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	284030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72632	54.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.720%
35) Dibromofluoromethane	7.722	113	75681	53.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.760%
50) Toluene-d8	10.185	98	224440	47.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.483	95	85445	45.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.100%

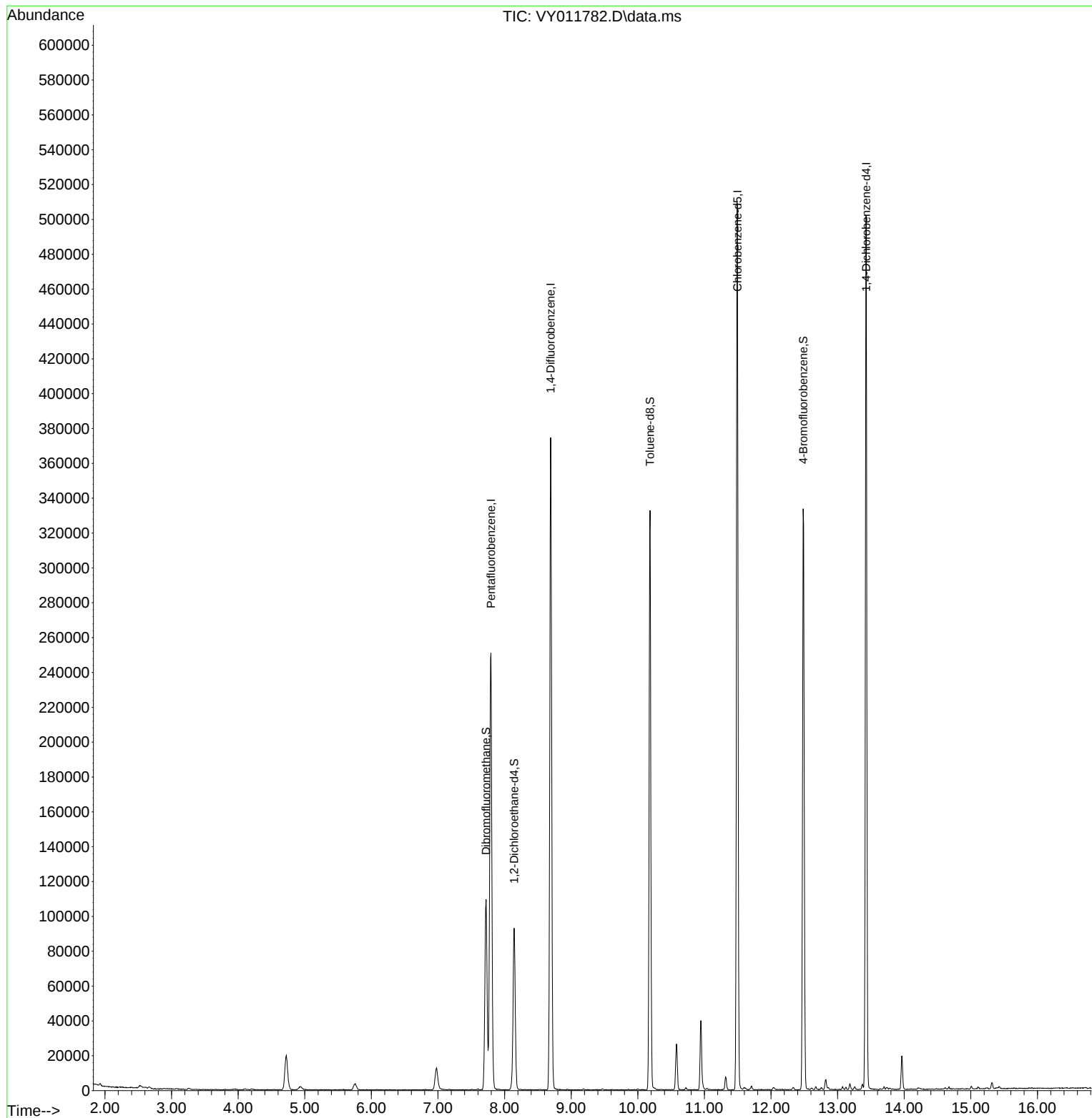
Target Compounds	Qvalue

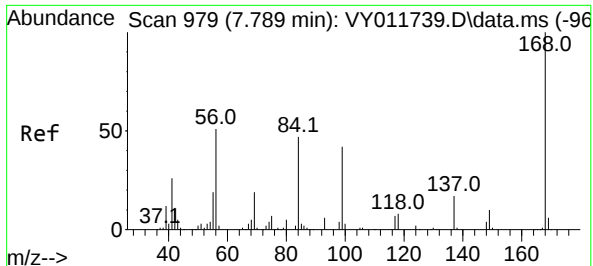
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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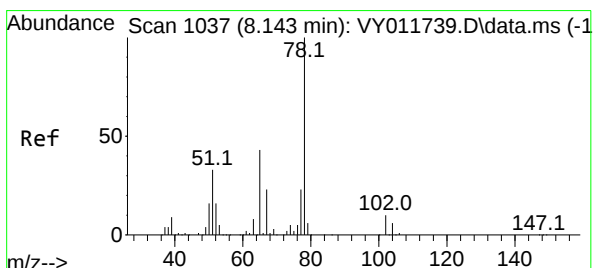
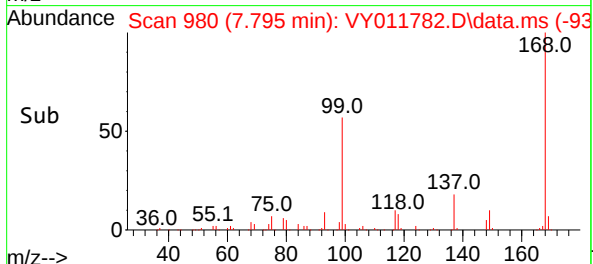
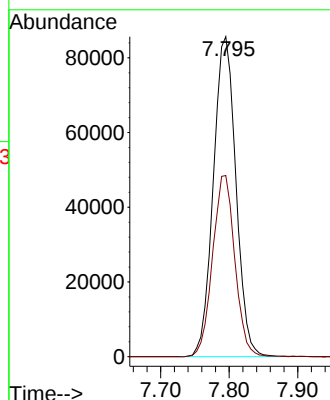
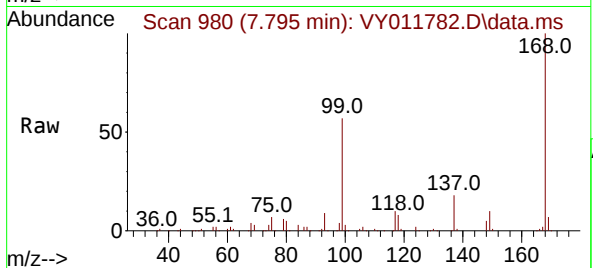




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011782.D
Acq: 13 Dec 2022 10:54

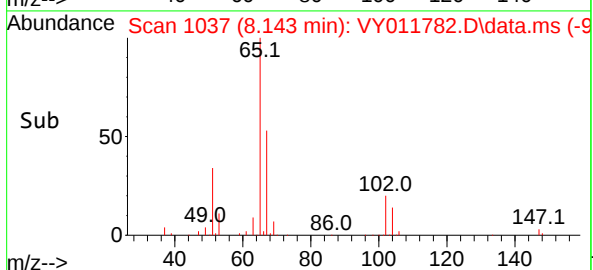
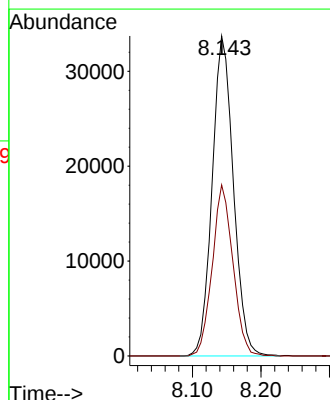
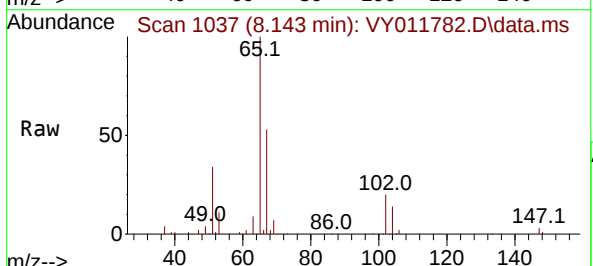
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBL01

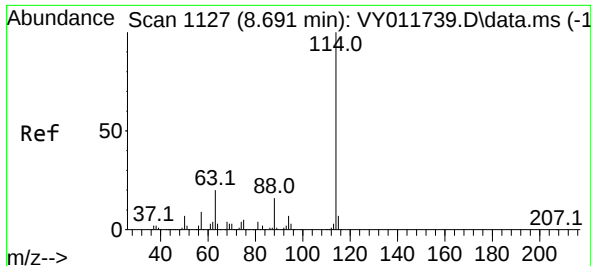
Tgt Ion:168 Resp: 195670
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 54.863 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011782.D
Acq: 13 Dec 2022 10:54

Tgt Ion: 65 Resp: 72632
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011782.D

Acq: 13 Dec 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBL01

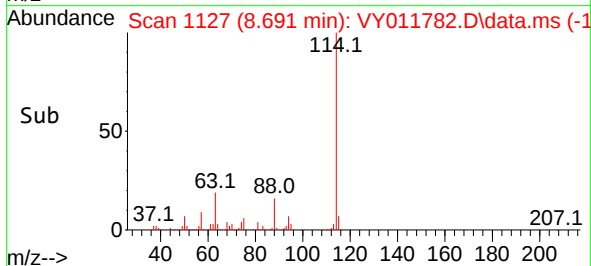
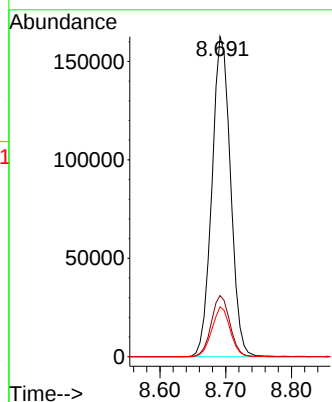
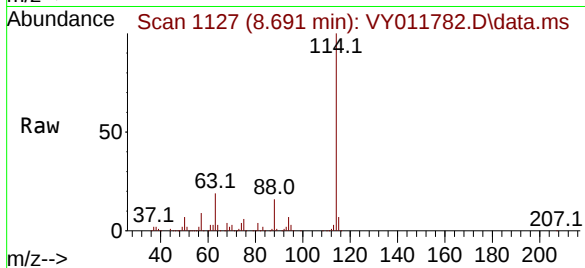
Tgt Ion:114 Resp: 320675

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.382 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011782.D

Acq: 13 Dec 2022 10:54

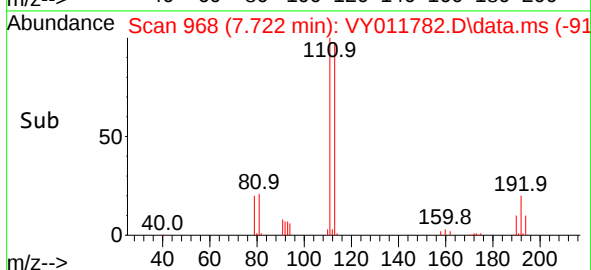
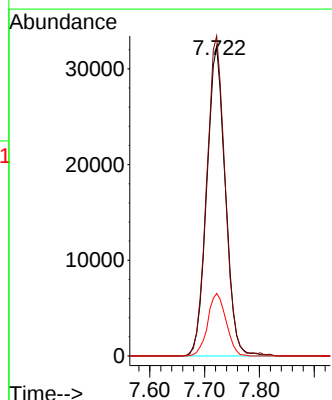
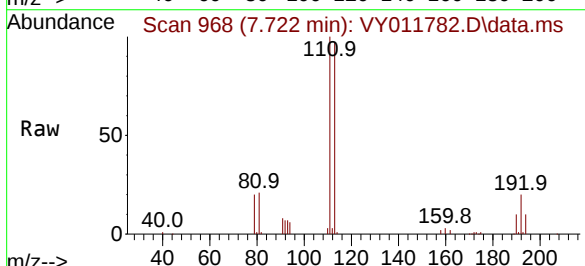
Tgt Ion:113 Resp: 75681

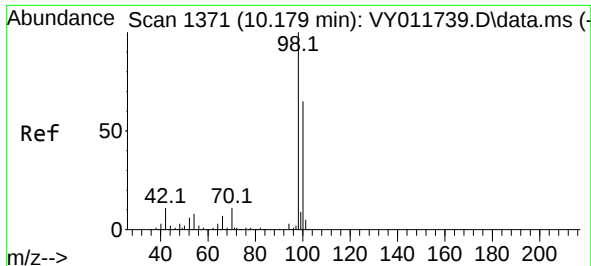
Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

192 20.1 16.0 24.0

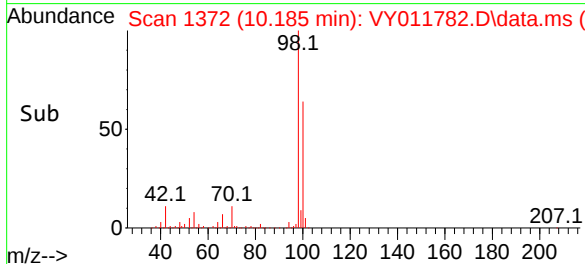
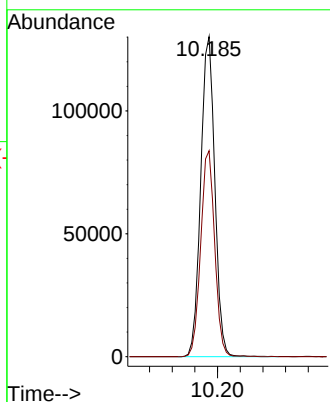
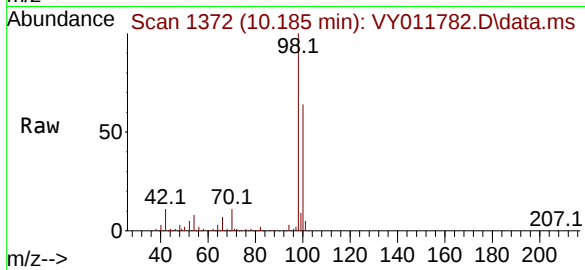




#50
Toluene-d8
Concen: 47.749 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011782.D
Acq: 13 Dec 2022 10:54

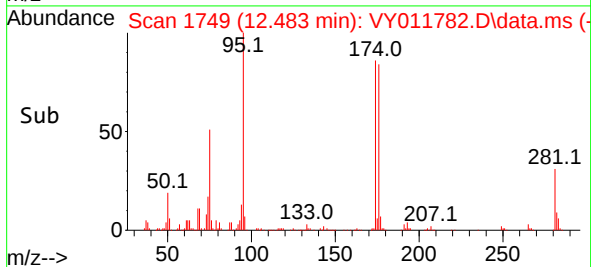
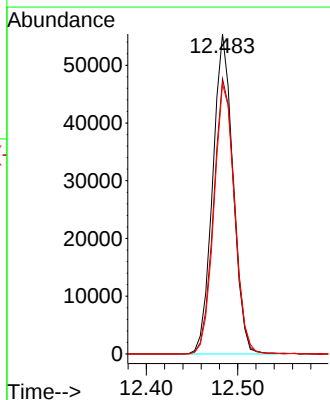
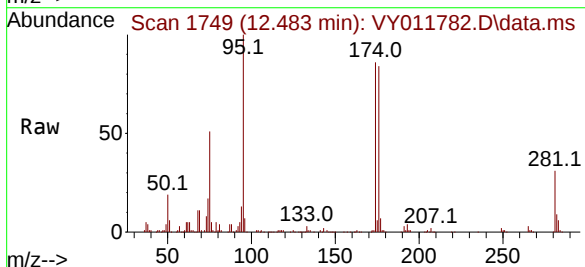
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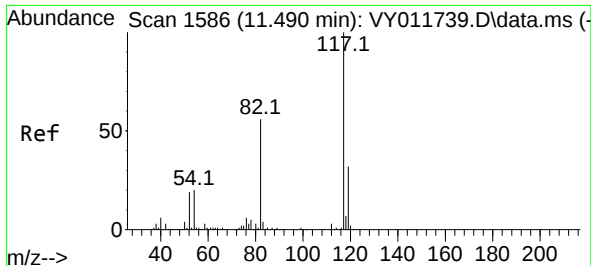
Tgt Ion: 98 Resp: 224440
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.552 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011782.D
Acq: 13 Dec 2022 10:54

Tgt Ion: 95 Resp: 85445
Ion Ratio Lower Upper
95 100
174 88.5 0.0 172.0
176 85.5 0.0 167.6

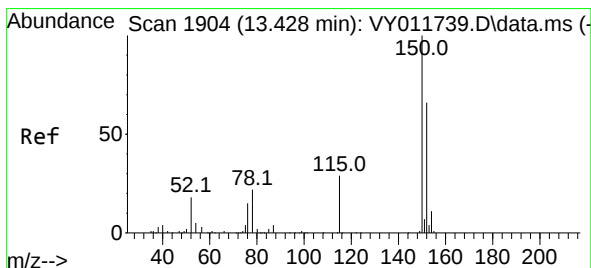
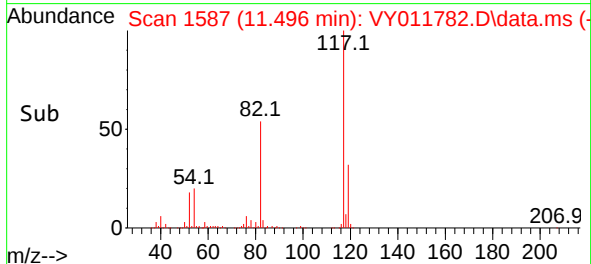
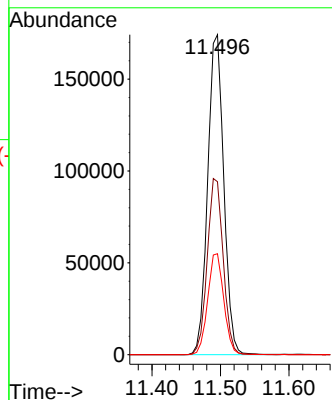
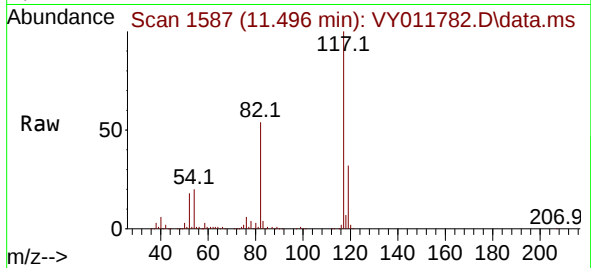




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY011782.D
Acq: 13 Dec 2022 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBL01

Tgt Ion:117 Resp: 284030
Ion Ratio Lower Upper
117 100
82 54.1 44.8 67.2
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011782.D
Acq: 13 Dec 2022 10:54

Tgt Ion:152 Resp: 128262
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 156.4 0.0 342.6

