

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019807.D
 Acq On : 07 Oct 2024 13:16
 Operator : SY/MD
 Sample : VY1007SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1007SBL01

Quant Time: Oct 08 01:36:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	241749	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	466325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	414492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	147840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148568	66.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.740%
35) Dibromofluoromethane	7.634	113	151109	57.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.300%
50) Toluene-d8	10.109	98	559328	57.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.380%
62) 4-Bromofluorobenzene	12.402	95	177782	47.279	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.560%

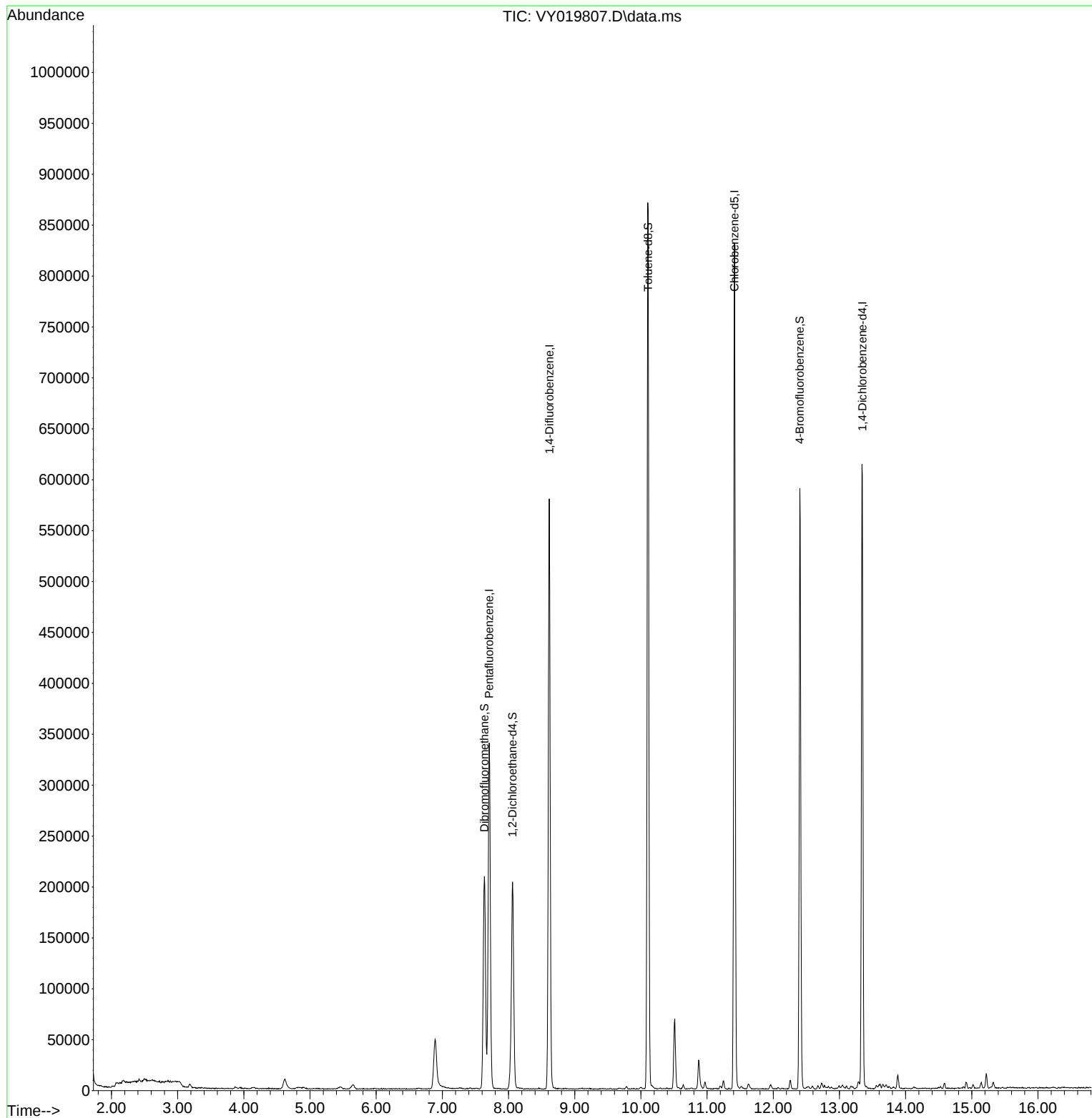
Target Compounds	Qvalue

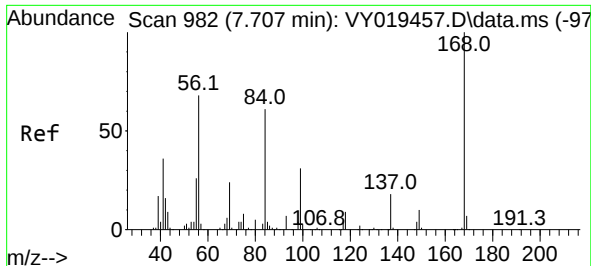
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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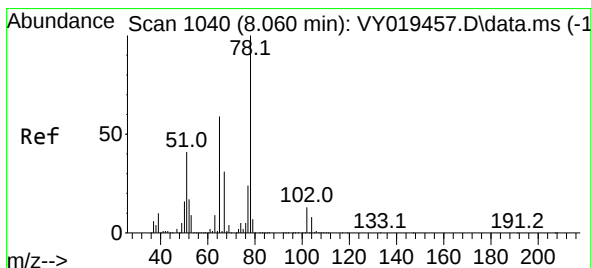
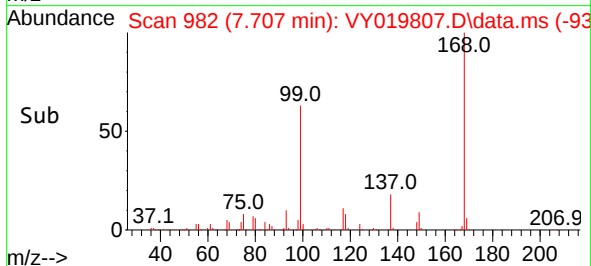
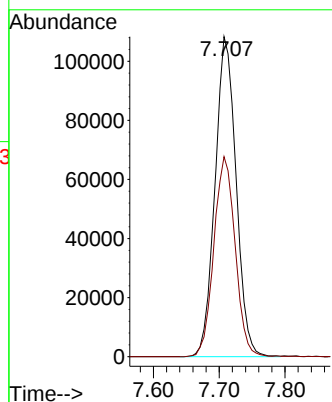
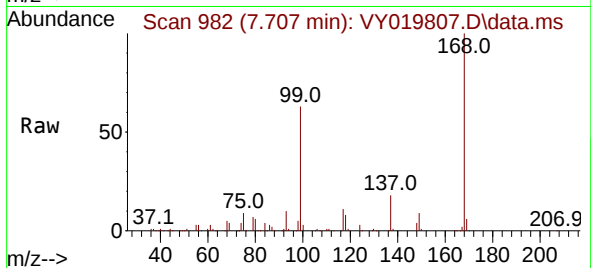




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019807.D
Acq: 07 Oct 2024 13:16

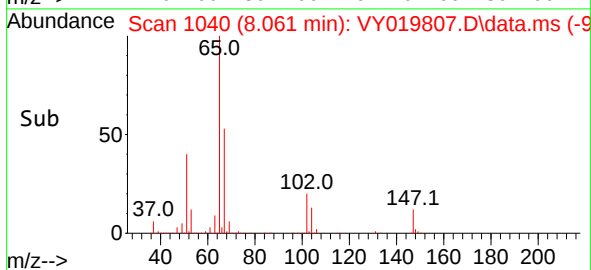
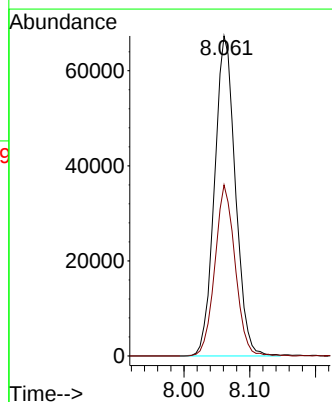
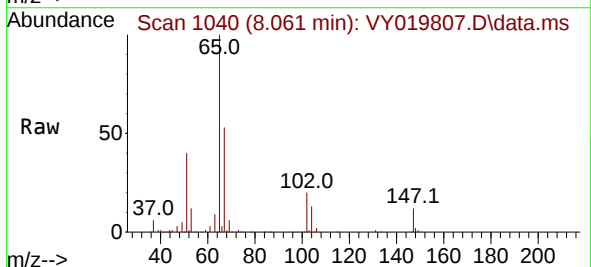
Instrument :
MSVOA_Y
ClientSampleId :
VY1007SBL01

Tgt Ion:168 Resp: 241749
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 66.368 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019807.D
Acq: 07 Oct 2024 13:16

Tgt Ion: 65 Resp: 148568
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

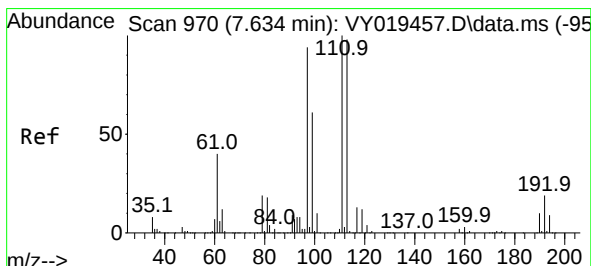
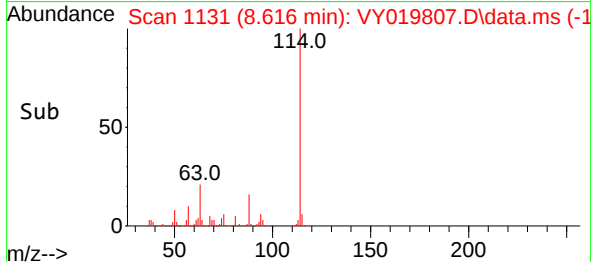
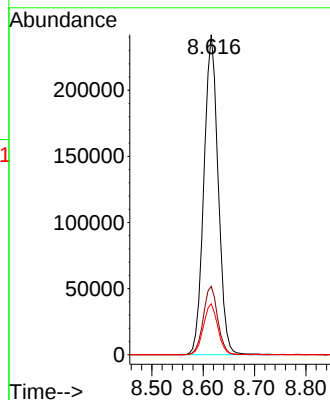
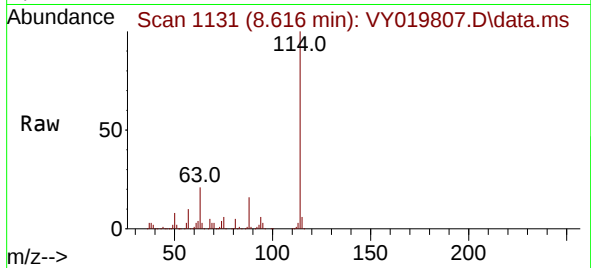




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019807.D
Acq: 07 Oct 2024 13:16

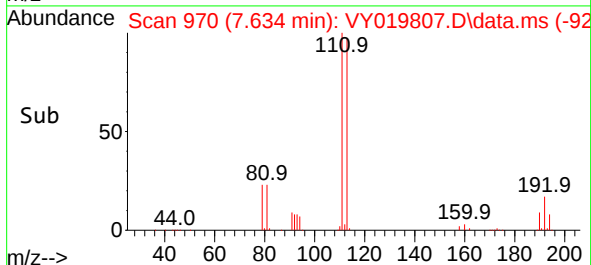
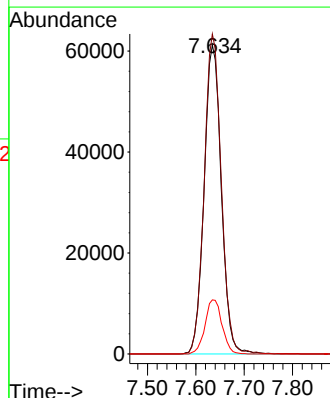
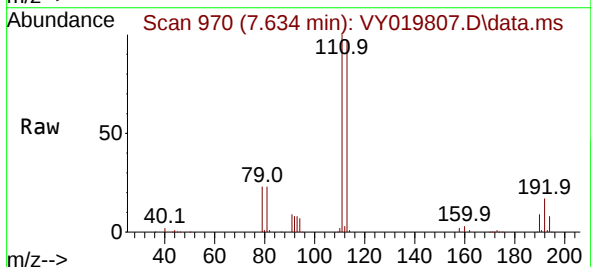
Instrument :
MSVOA_Y
ClientSampleId :
VY1007SBL01

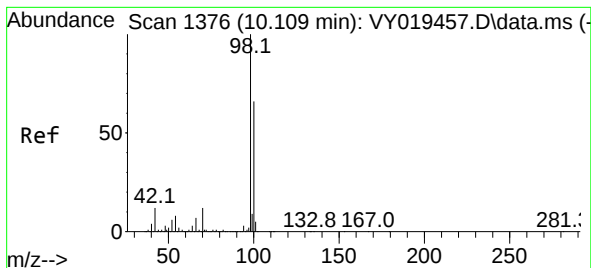
Tgt Ion:114 Resp: 466325
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 15.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.152 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019807.D
Acq: 07 Oct 2024 13:16

Tgt Ion:113 Resp: 151109
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 17.3 15.9 23.9





#50

Toluene-d8

Concen: 57.194 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019807.D

Acq: 07 Oct 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

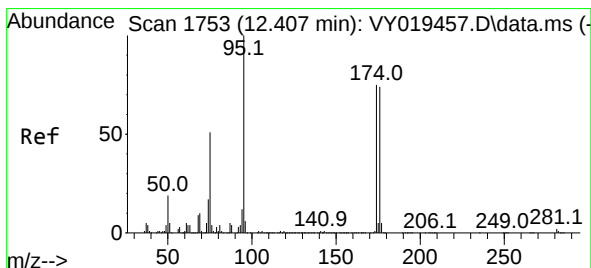
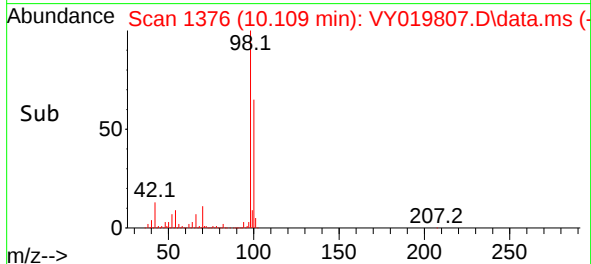
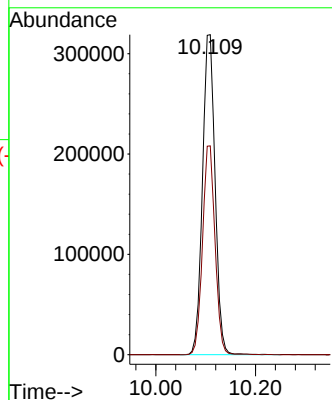
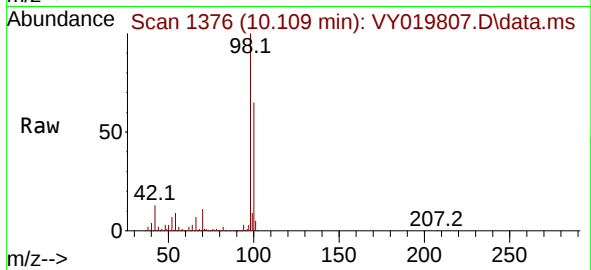
VY1007SBL01

Tgt Ion: 98 Resp: 559328

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.279 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019807.D

Acq: 07 Oct 2024 13:16

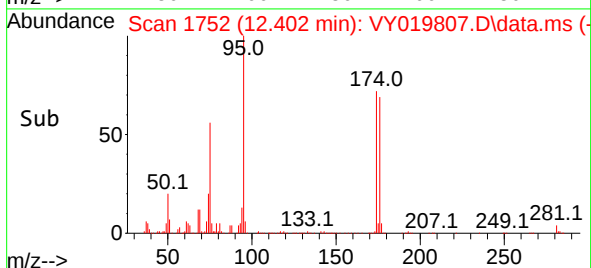
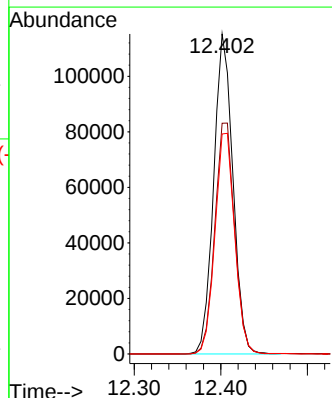
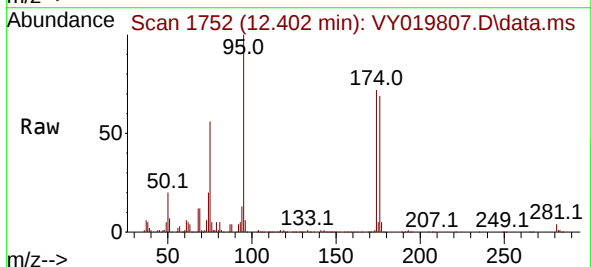
Tgt Ion: 95 Resp: 177782

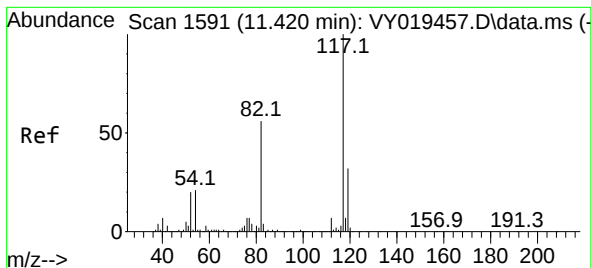
Ion Ratio Lower Upper

95 100

174 74.5 0.0 175.6

176 70.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019807.D

Acq: 07 Oct 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1007SBL01

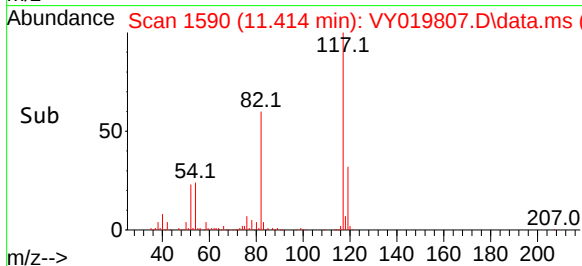
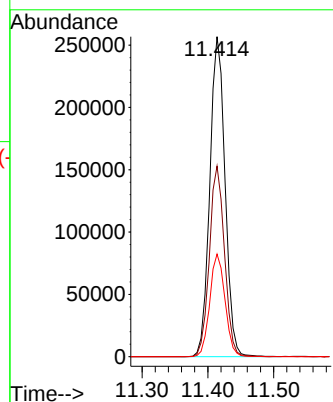
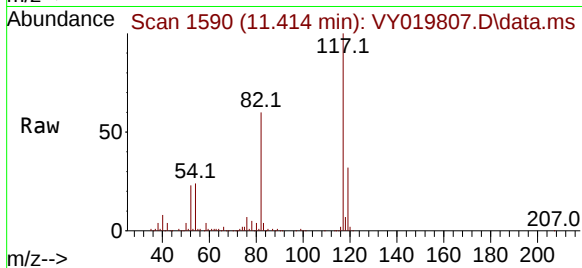
Tgt Ion:117 Resp: 414492

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019807.D

Acq: 07 Oct 2024 13:16

Tgt Ion:152 Resp: 147840

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 158.5 0.0 345.6

