

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019793.D
 Acq On : 04 Oct 2024 11:55
 Operator : SY/MD
 Sample : VY1004SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1004SBL01

Quant Time: Oct 04 23:28:39 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	7.713	168	265255	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	509544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	451949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	162869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154585	62.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.880%
35) Dibromofluoromethane	7.634	113	160626	55.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.200%
50) Toluene-d8	10.103	98	597214	55.888	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.780%
62) 4-Bromofluorobenzene	12.402	95	192832	46.932	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.860%

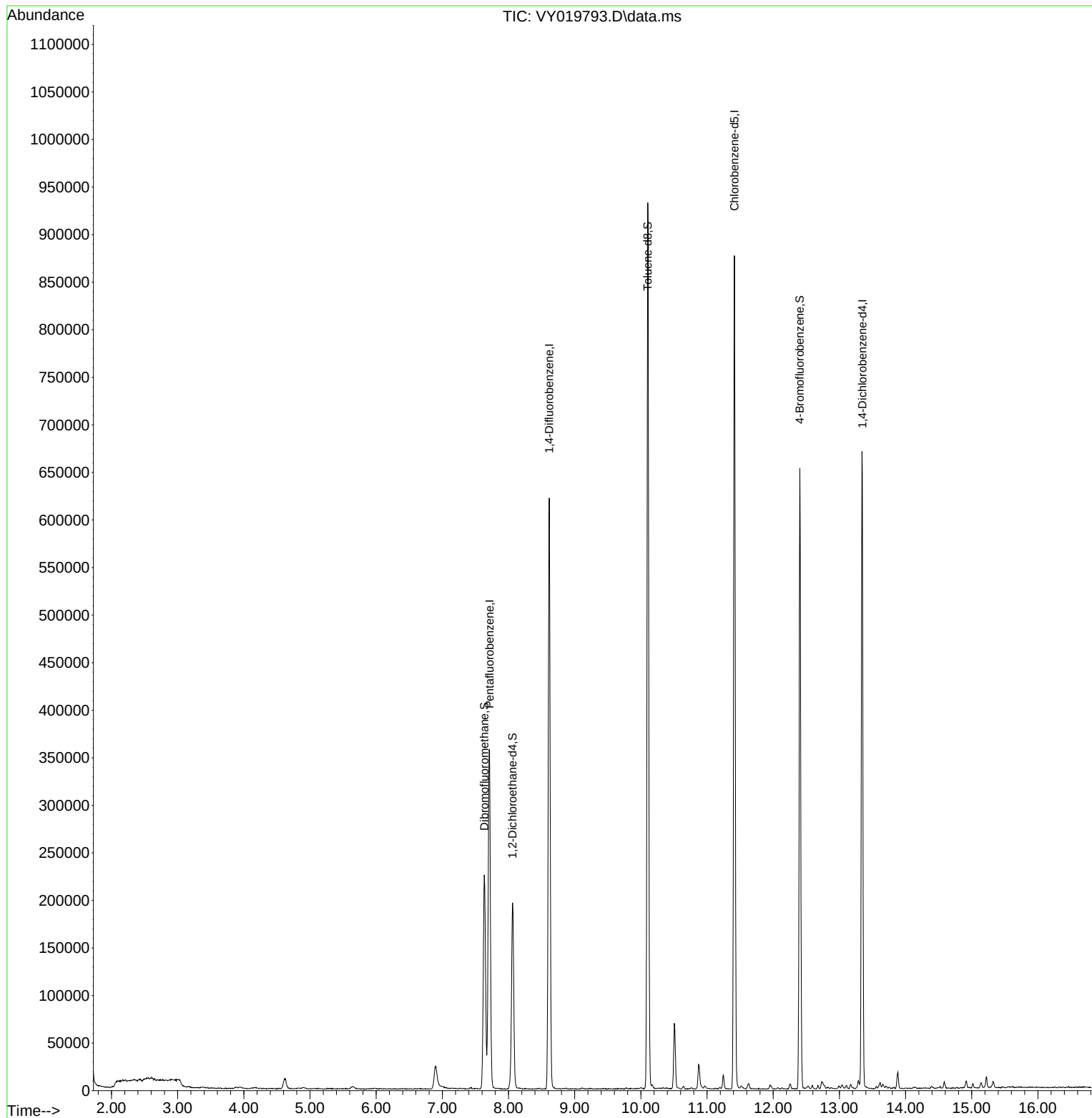
Target Compounds	Qvalue

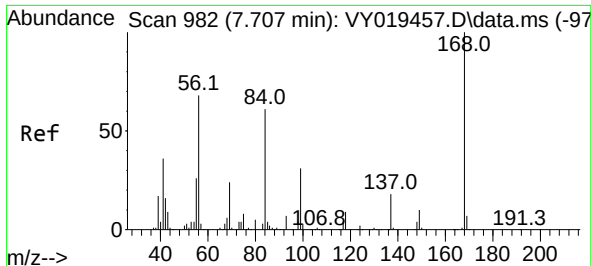
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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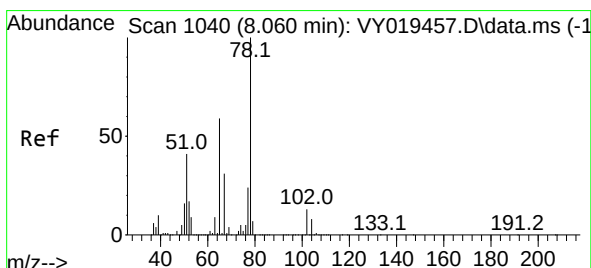
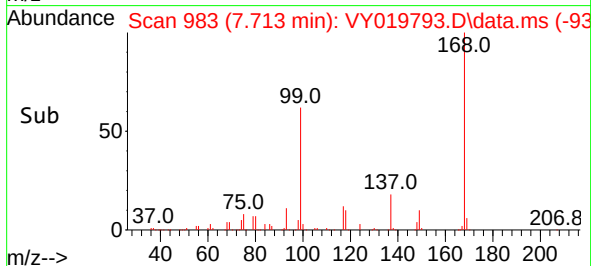
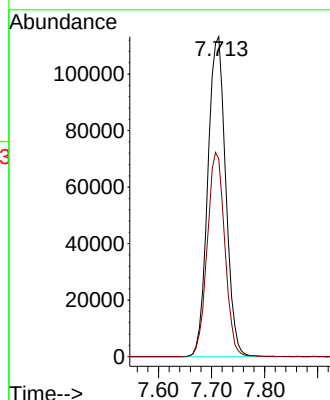
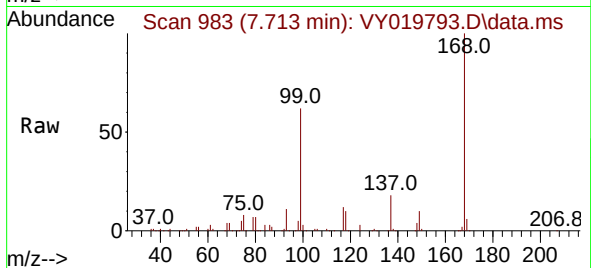




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019793.D
Acq: 04 Oct 2024 11:55

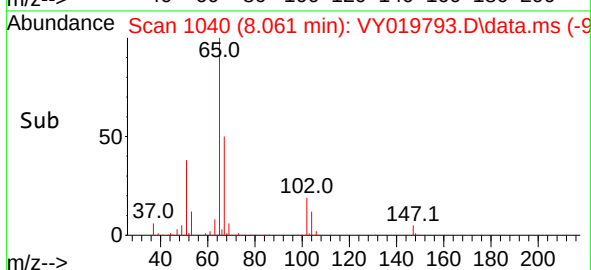
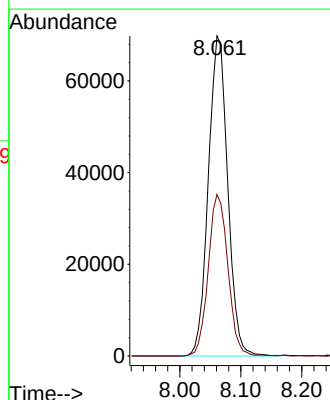
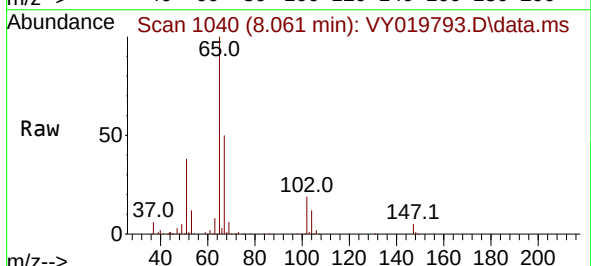
Instrument :
MSVOA_Y
ClientSampleId :
VY1004SBL01

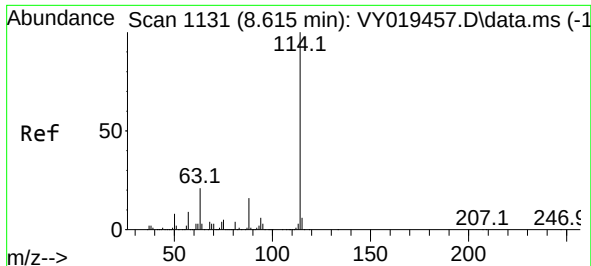
Tgt Ion:168 Resp: 265255
Ion Ratio Lower Upper
168 100
99 61.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 62.937 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019793.D
Acq: 04 Oct 2024 11:55

Tgt Ion: 65 Resp: 154585
Ion Ratio Lower Upper
65 100
67 51.1 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: VY019793.D

Acq: 04 Oct 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1004SBL01

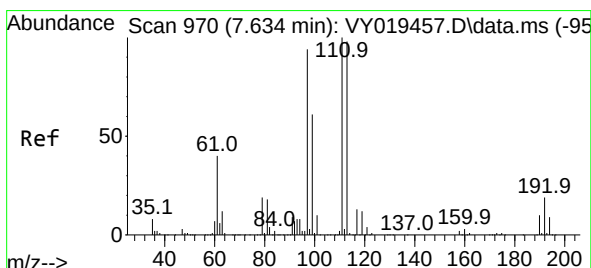
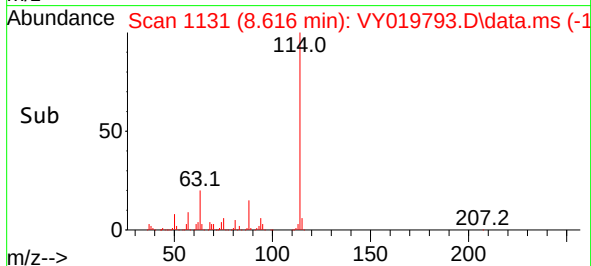
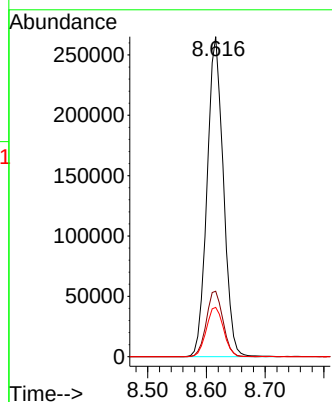
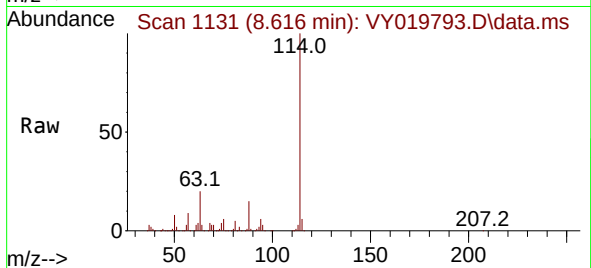
Tgt Ion:114 Resp: 509544

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.599 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019793.D

Acq: 04 Oct 2024 11:55

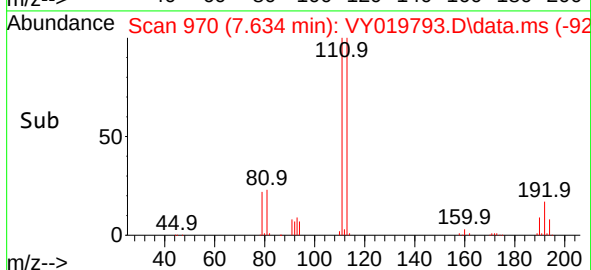
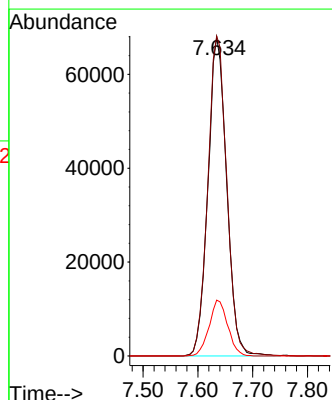
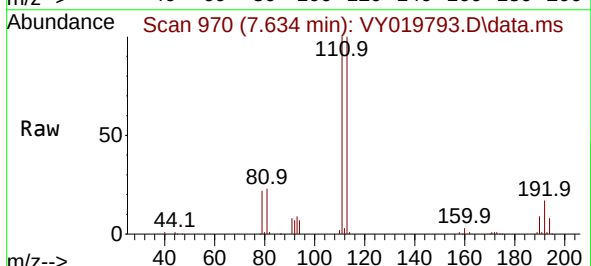
Tgt Ion:113 Resp: 160626

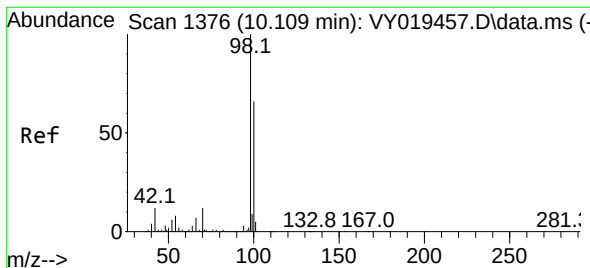
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 17.4 15.9 23.9





#50

Toluene-d8

Concen: 55.888 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019793.D

Acq: 04 Oct 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

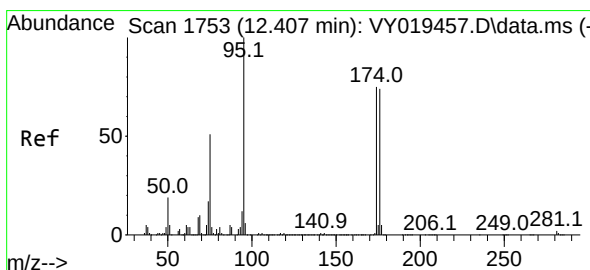
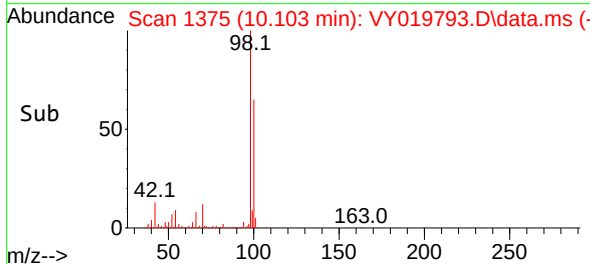
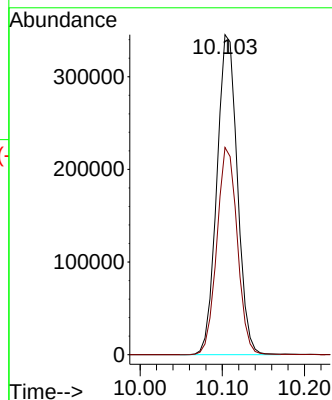
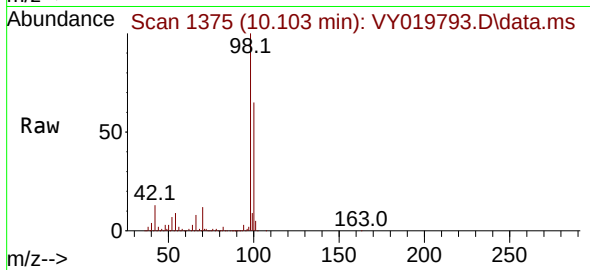
VY1004SBL01

Tgt Ion: 98 Resp: 597214

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.932 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019793.D

Acq: 04 Oct 2024 11:55

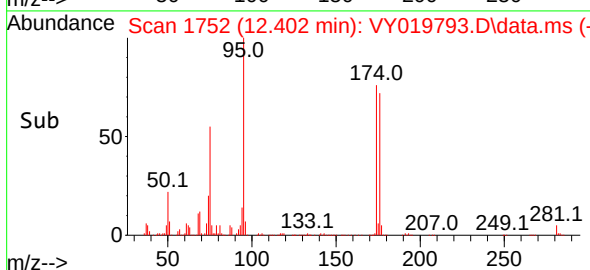
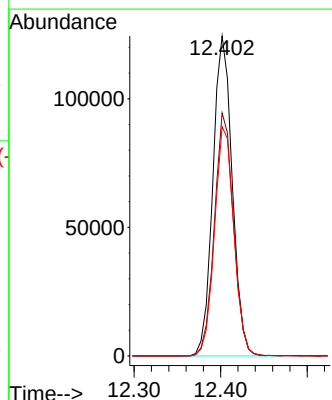
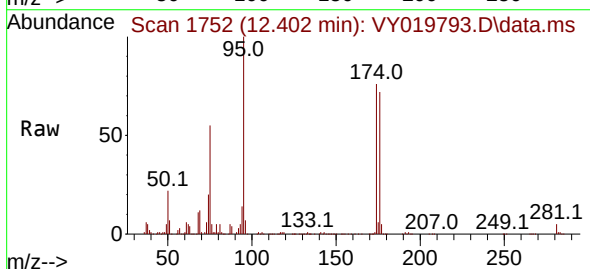
Tgt Ion: 95 Resp: 192832

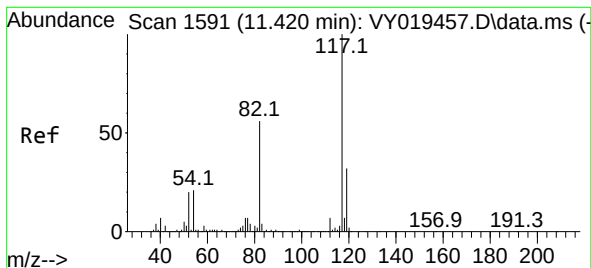
Ion Ratio Lower Upper

95 100

174 75.3 0.0 175.6

176 71.7 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: VY019793.D

Acq: 04 Oct 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1004SBL01

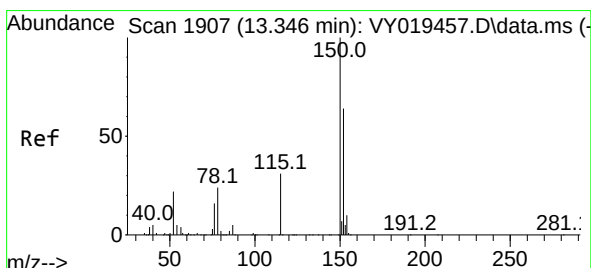
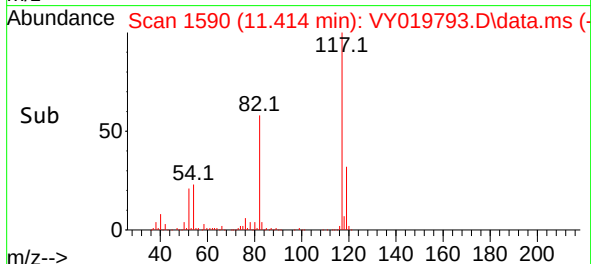
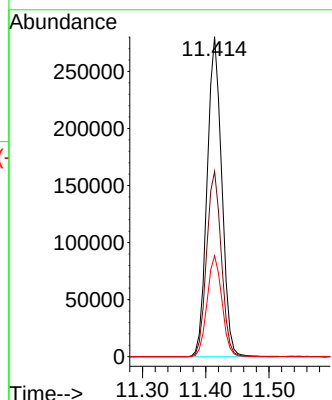
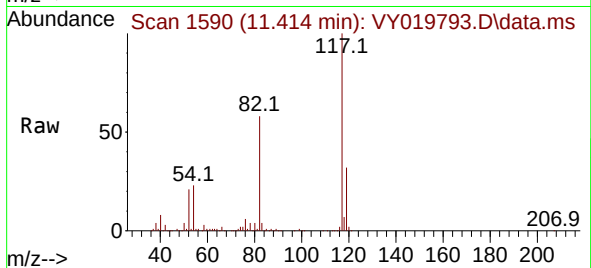
Tgt Ion:117 Resp: 451949

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019793.D

Acq: 04 Oct 2024 11:55

Tgt Ion:152 Resp: 162869

Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 157.6 0.0 345.6

