

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019705.D
 Acq On : 26 Sep 2024 11:38
 Operator : SY/MD
 Sample : VY0926SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBL01

Quant Time: Sep 27 01:59:04 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	332687	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	627931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	543095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	193322	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	181883	59.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.080%
35) Dibromofluoromethane	7.628	113	194955	54.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.520%
50) Toluene-d8	10.109	98	740755	56.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.500%
62) 4-Bromofluorobenzene	12.407	95	226038	44.641	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.280%

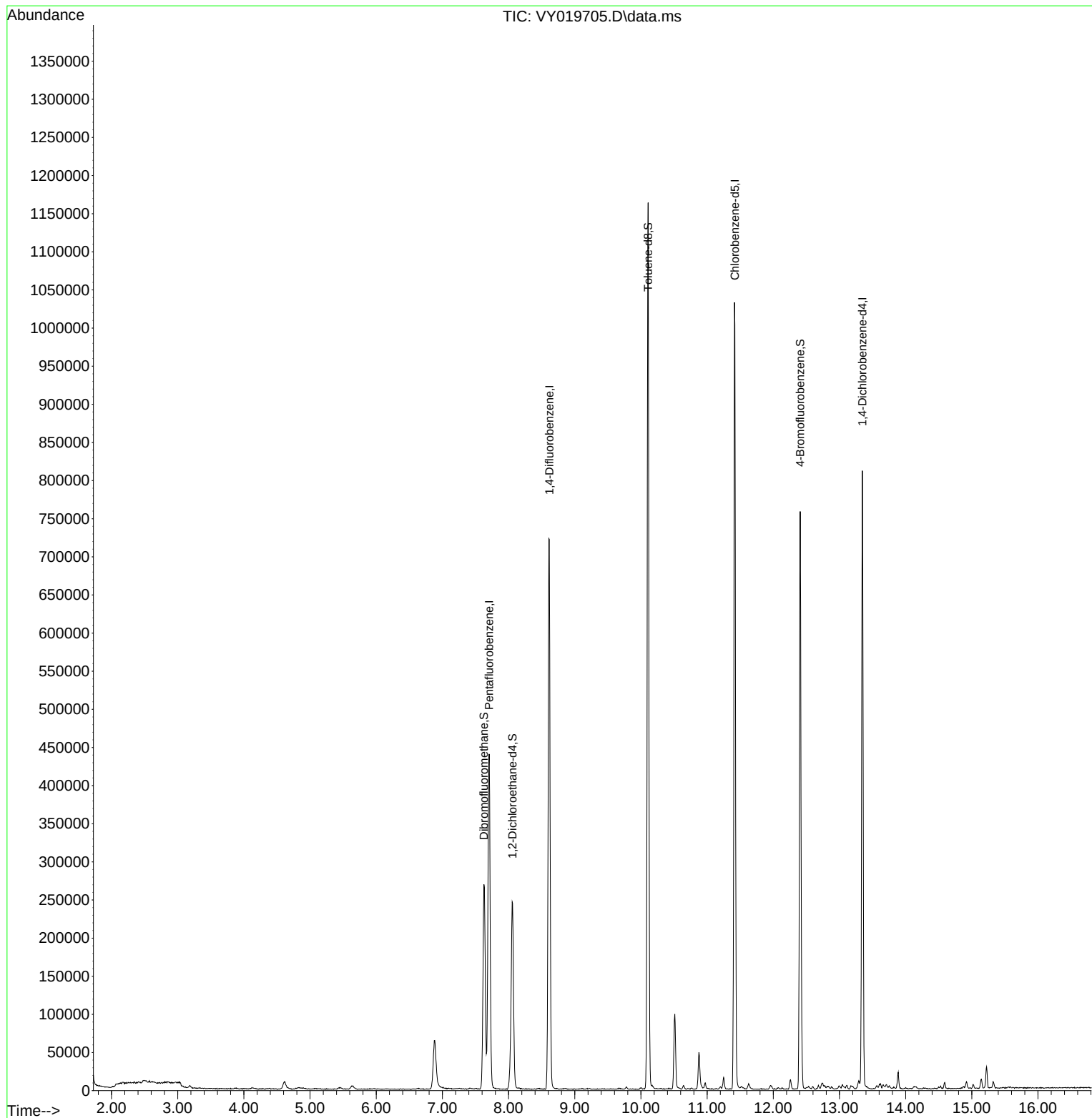
Target Compounds	Qvalue

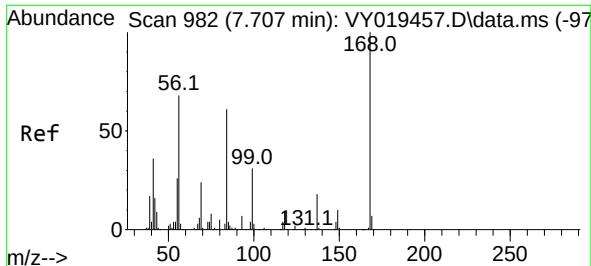
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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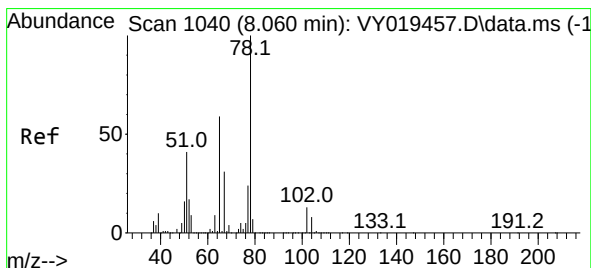
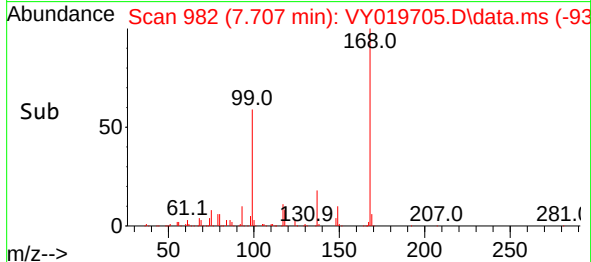
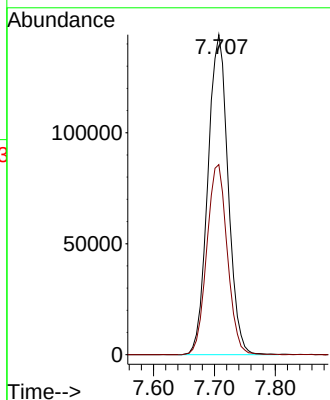
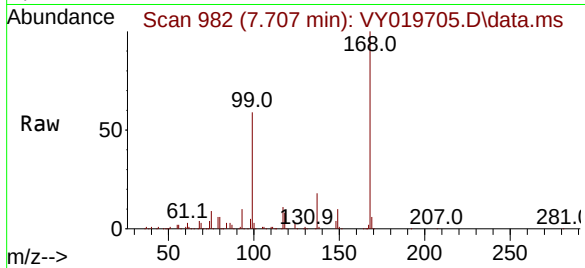




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019705.D
Acq: 26 Sep 2024 11:38

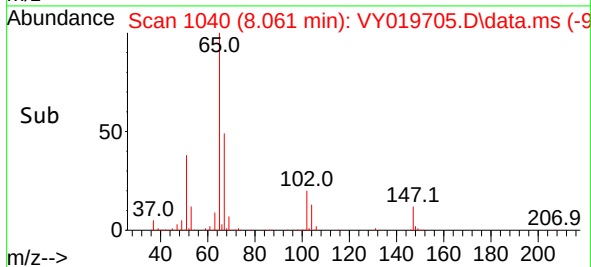
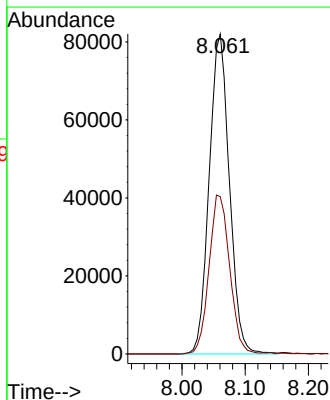
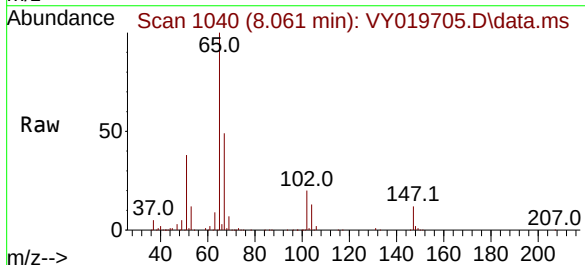
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBL01

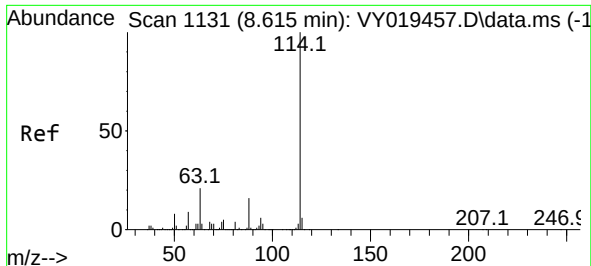
Tgt Ion:168 Resp: 332687
Ion Ratio Lower Upper
168 100
99 59.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.041 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019705.D
Acq: 26 Sep 2024 11:38

Tgt Ion: 65 Resp: 181883
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019705.D

Acq: 26 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBL01

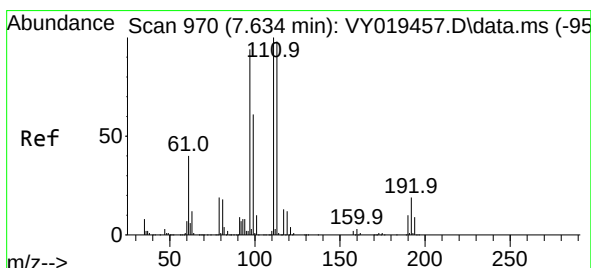
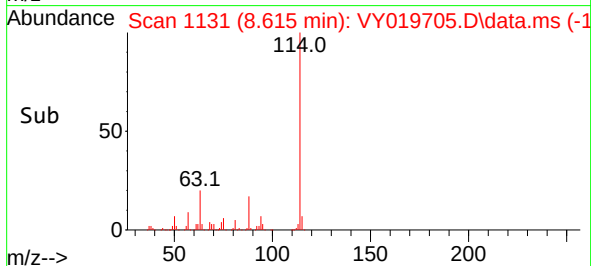
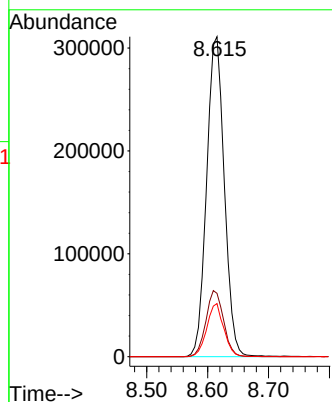
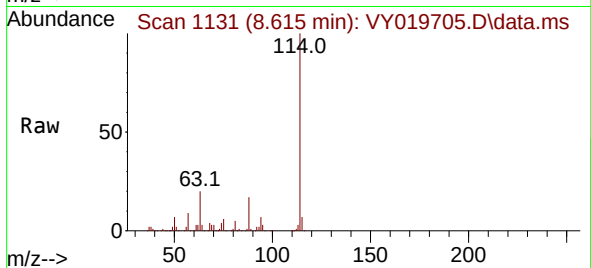
Tgt Ion:114 Resp: 627931

Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.0

88 16.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.759 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019705.D

Acq: 26 Sep 2024 11:38

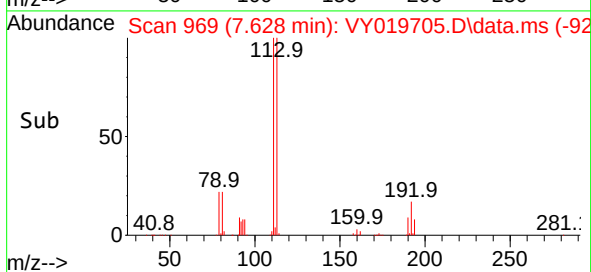
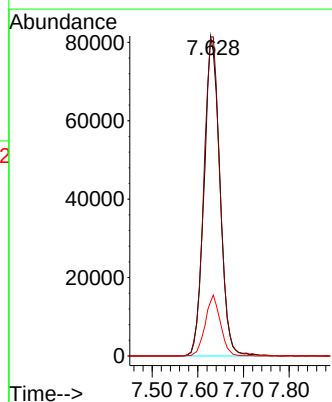
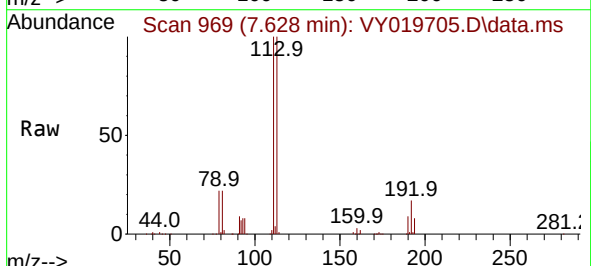
Tgt Ion:113 Resp: 194955

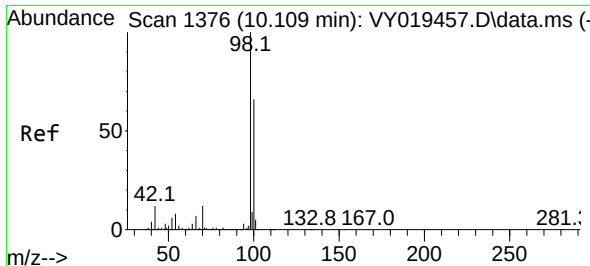
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 18.3 15.9 23.9

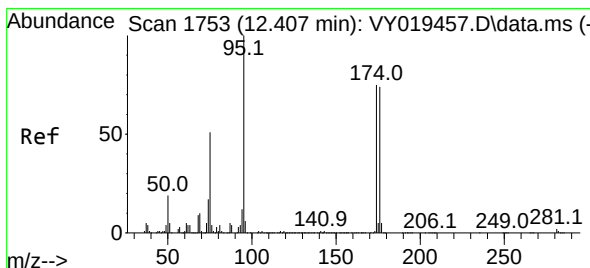
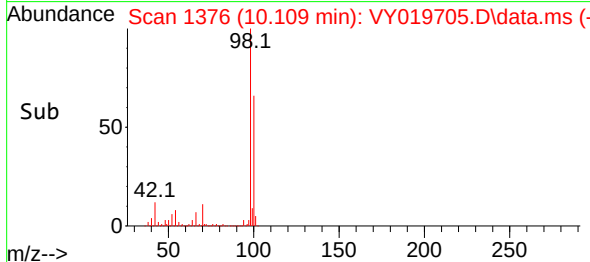
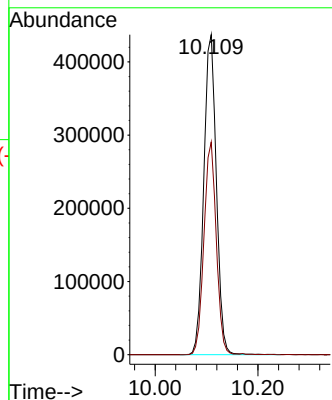
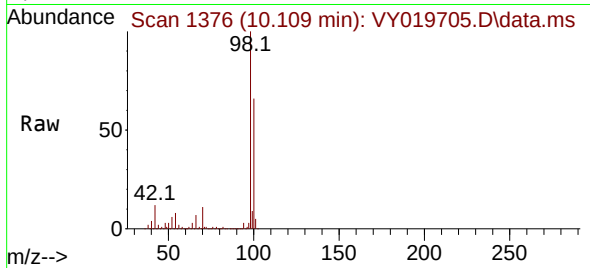




#50
Toluene-d8
Concen: 56.252 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019705.D
Acq: 26 Sep 2024 11:38

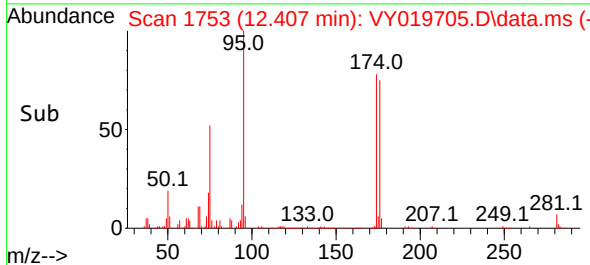
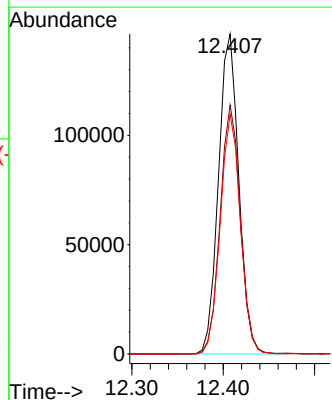
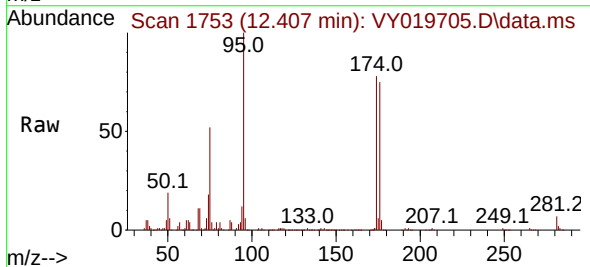
Instrument :
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VY0926SBL01

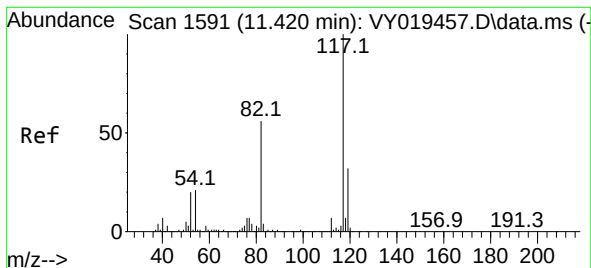
Tgt Ion: 98 Resp: 740755
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.641 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019705.D
Acq: 26 Sep 2024 11:38

Tgt Ion: 95 Resp: 226038
Ion Ratio Lower Upper
95 100
174 77.5 0.0 175.6
176 74.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019705.D

Acq: 26 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBL01

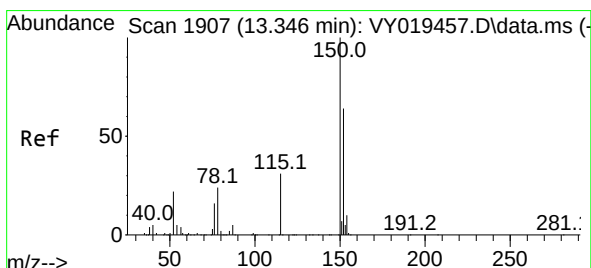
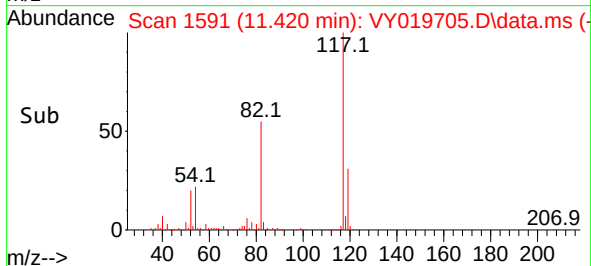
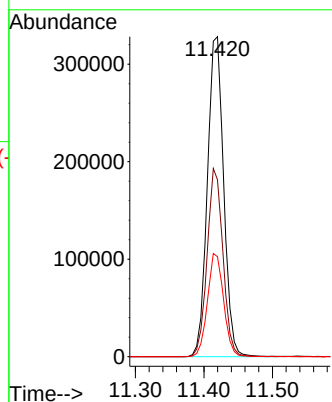
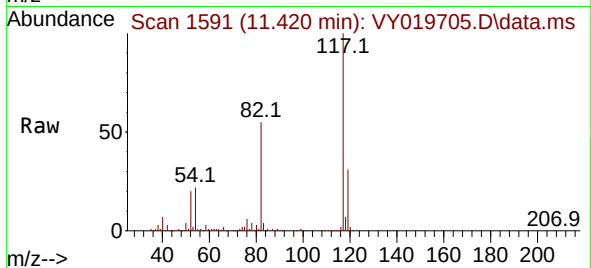
Tgt Ion:117 Resp: 543095

Ion Ratio Lower Upper

117 100

82 55.3 42.4 63.6

119 31.3 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: VY019705.D

Acq: 26 Sep 2024 11:38

Tgt Ion:152 Resp: 193322

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 156.5 0.0 345.6

