

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019520.D
 Acq On : 12 Sep 2024 11:22
 Operator : SY/MD
 Sample : VY0912SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBL01

Quant Time: Sep 13 01:30:28 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	482360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	832559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	690395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	309520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	253262	56.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.400%
35) Dibromofluoromethane	7.634	113	254060	53.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.640%
50) Toluene-d8	10.109	98	936409	53.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.260%
62) 4-Bromofluorobenzene	12.407	95	326844	48.685	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.360%

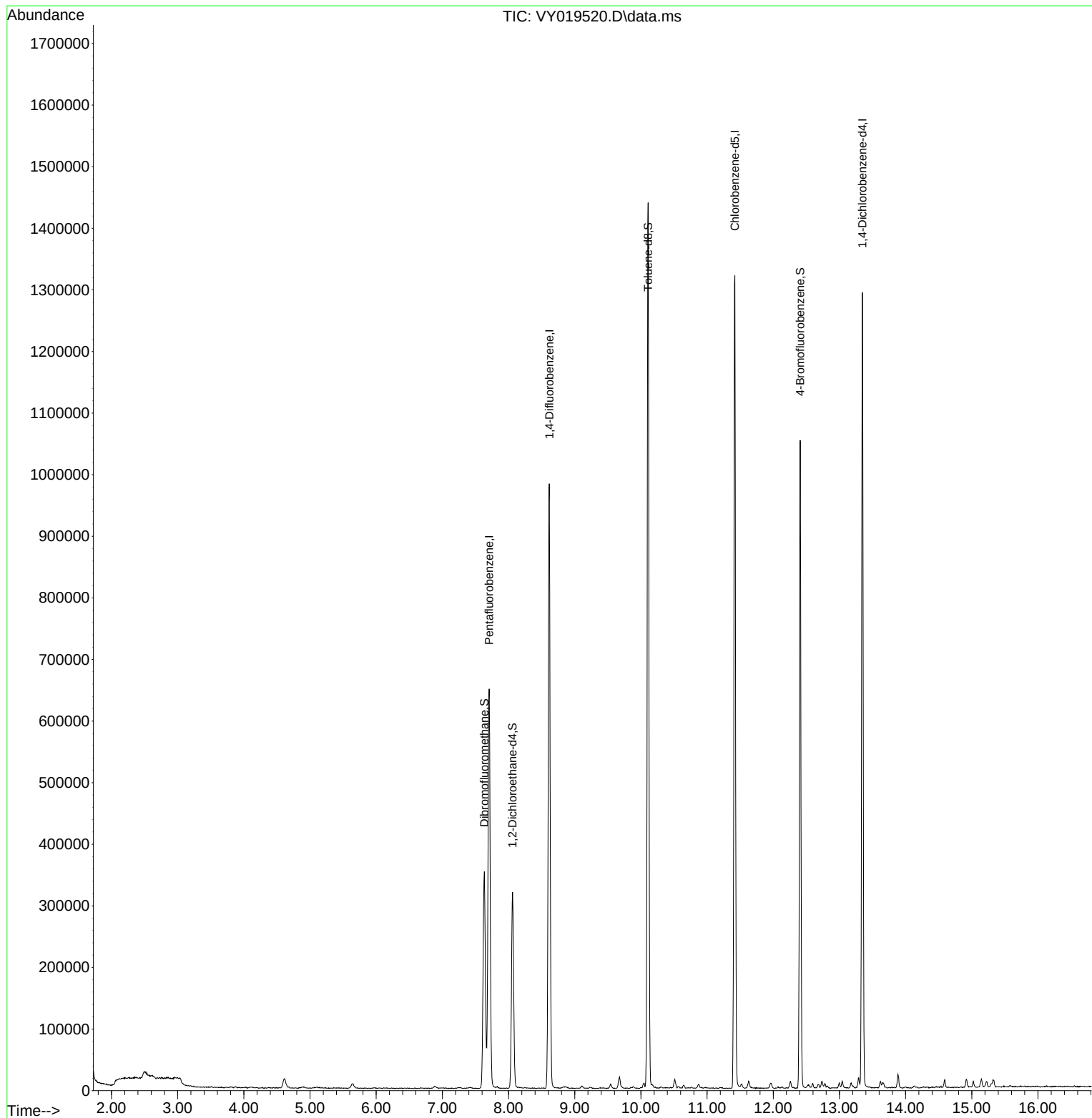
Target Compounds	Qvalue

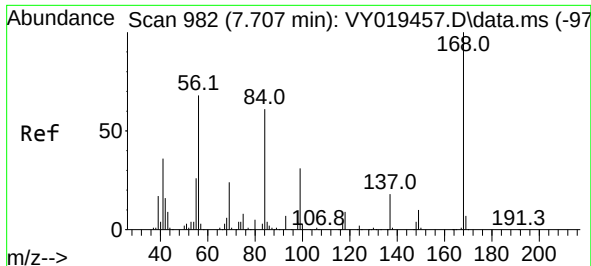
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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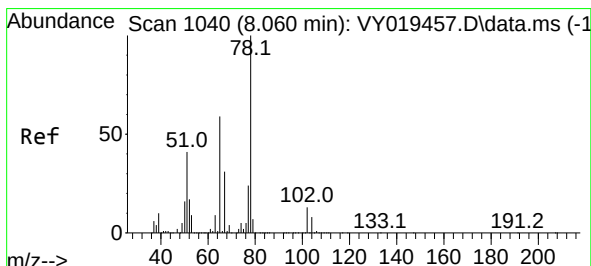
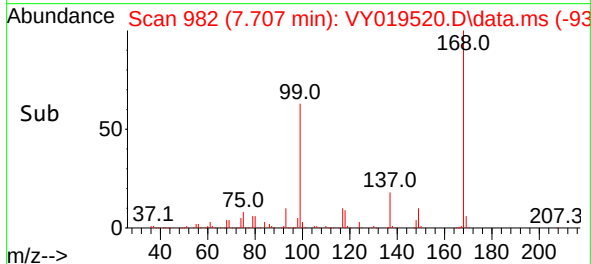
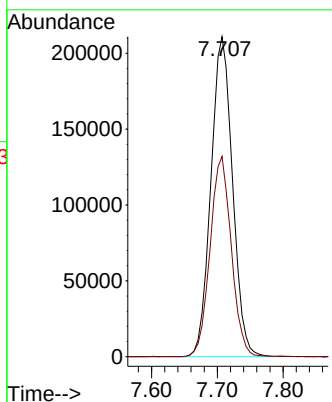
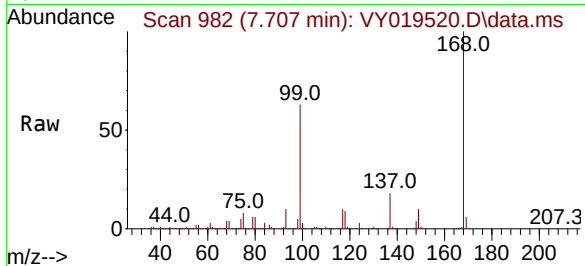




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

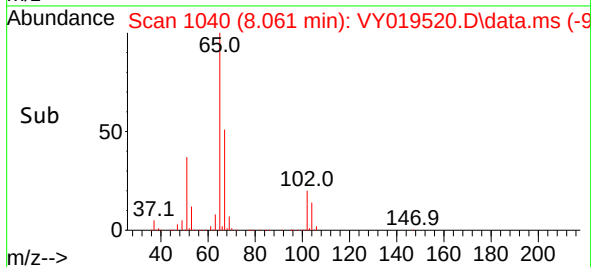
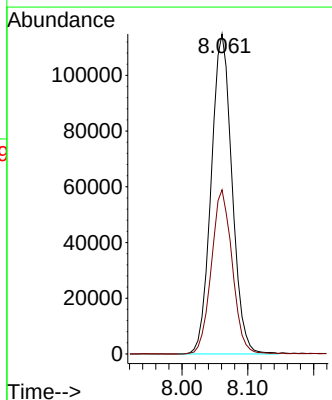
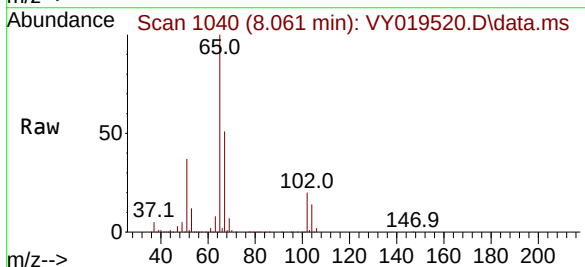
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

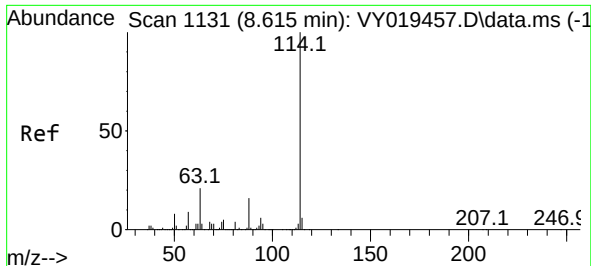
Tgt Ion:168 Resp: 482360
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 56.702 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

Tgt Ion: 65 Resp: 253262
Ion Ratio Lower Upper
65 100
67 51.4 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: VY019520.D

Acq: 12 Sep 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBL01

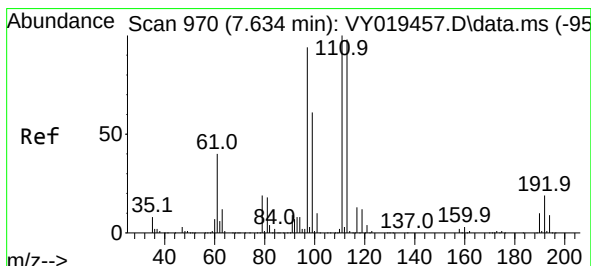
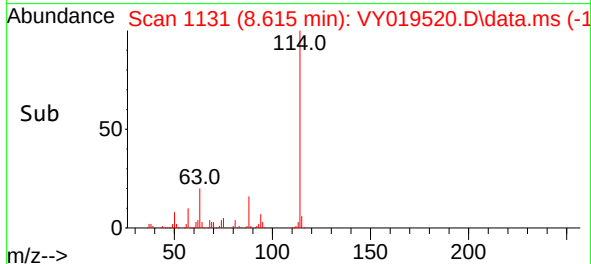
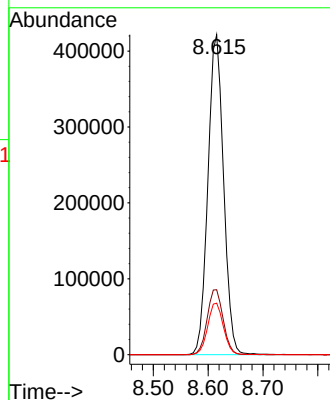
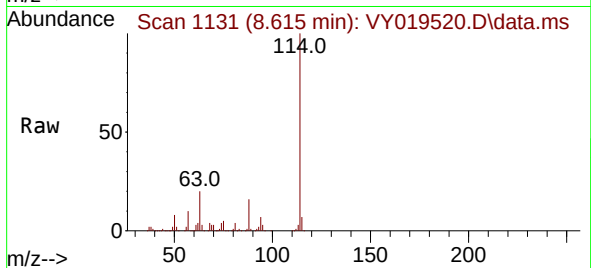
Tgt Ion:114 Resp: 832559

Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.821 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019520.D

Acq: 12 Sep 2024 11:22

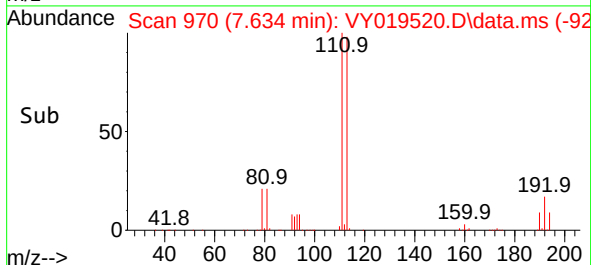
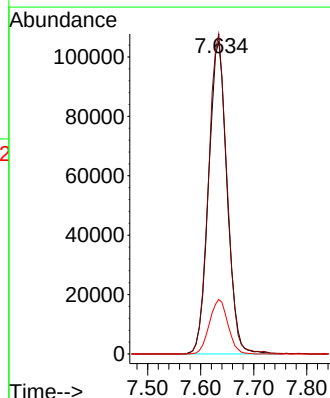
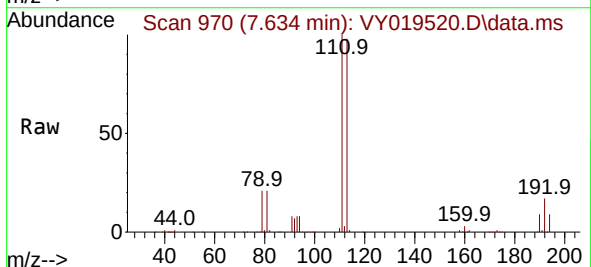
Tgt Ion:113 Resp: 254060

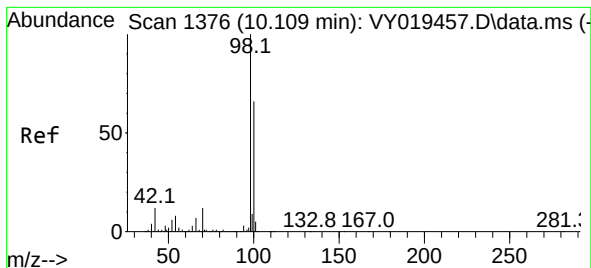
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 17.5 15.9 23.9

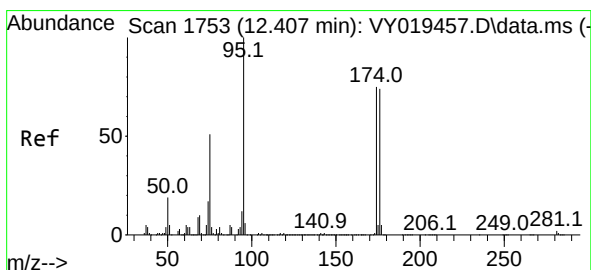
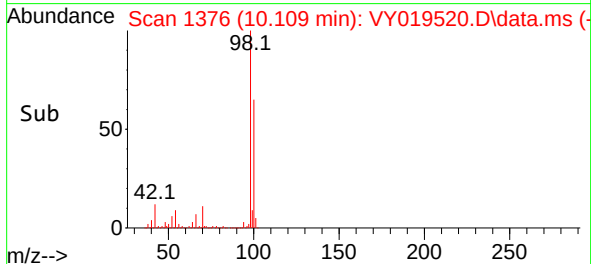
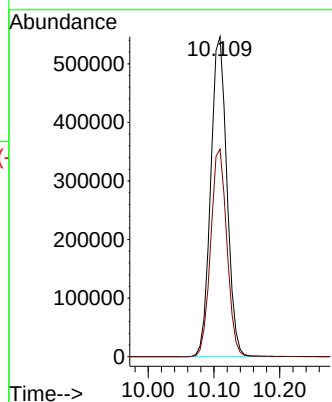
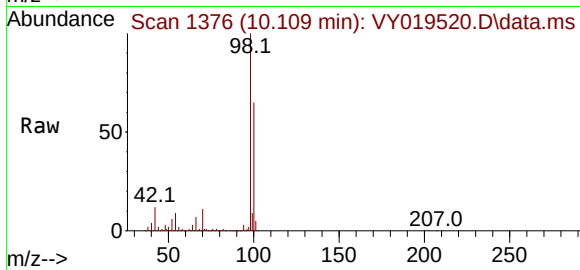




#50
Toluene-d8
Concen: 53.632 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

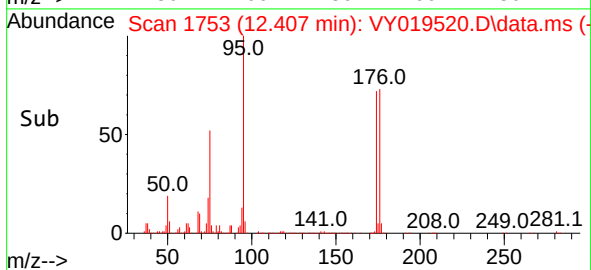
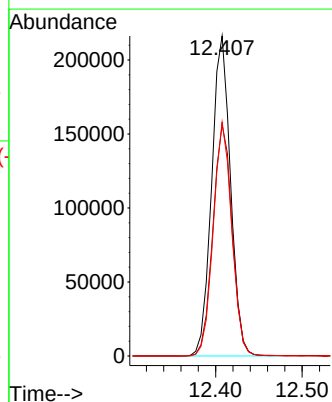
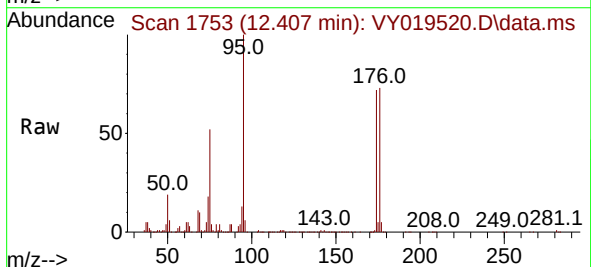
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

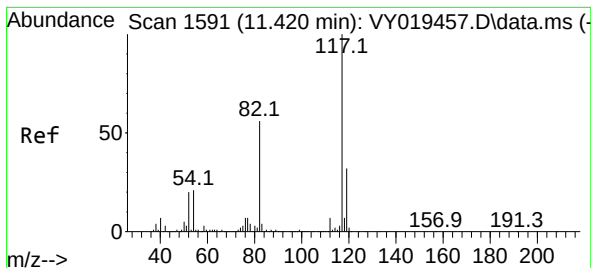
Tgt Ion: 98 Resp: 936409
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.685 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

Tgt Ion: 95 Resp: 326844
Ion Ratio Lower Upper
95 100
174 73.7 0.0 175.6
176 71.5 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: VY019520.D

Acq: 12 Sep 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBL01

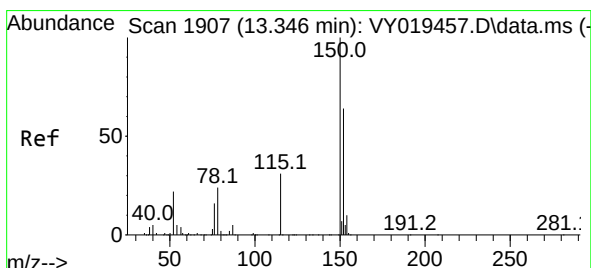
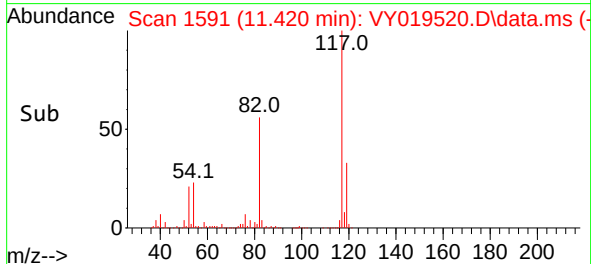
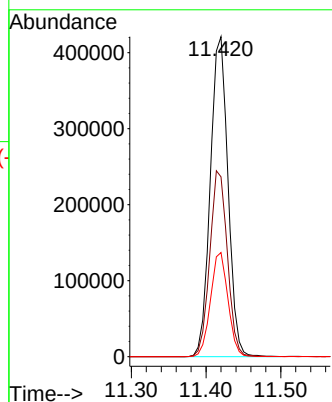
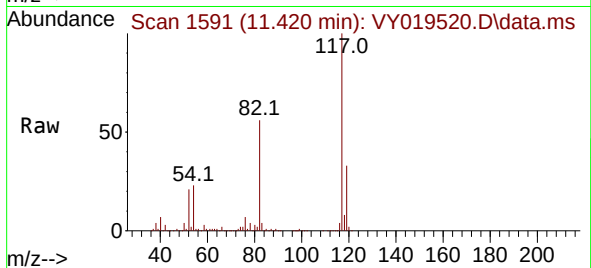
Tgt Ion:117 Resp: 690395

Ion Ratio Lower Upper

117 100

82 56.2 42.4 63.6

119 32.6 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: VY019520.D

Acq: 12 Sep 2024 11:22

Tgt Ion:152 Resp: 309520

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 158.3 0.0 345.6

