

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019512.D
 Acq On : 11 Sep 2024 16:29
 Operator : SY/MD
 Sample : P3929-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-2

Quant Time: Sep 12 01:33:24 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	371190	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	726638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	661961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	256119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	225516	65.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.220%
35) Dibromofluoromethane	7.634	113	227604	55.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.103	98	862562	56.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.200%
62) 4-Bromofluorobenzene	12.401	95	294342	50.235	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	100.460%

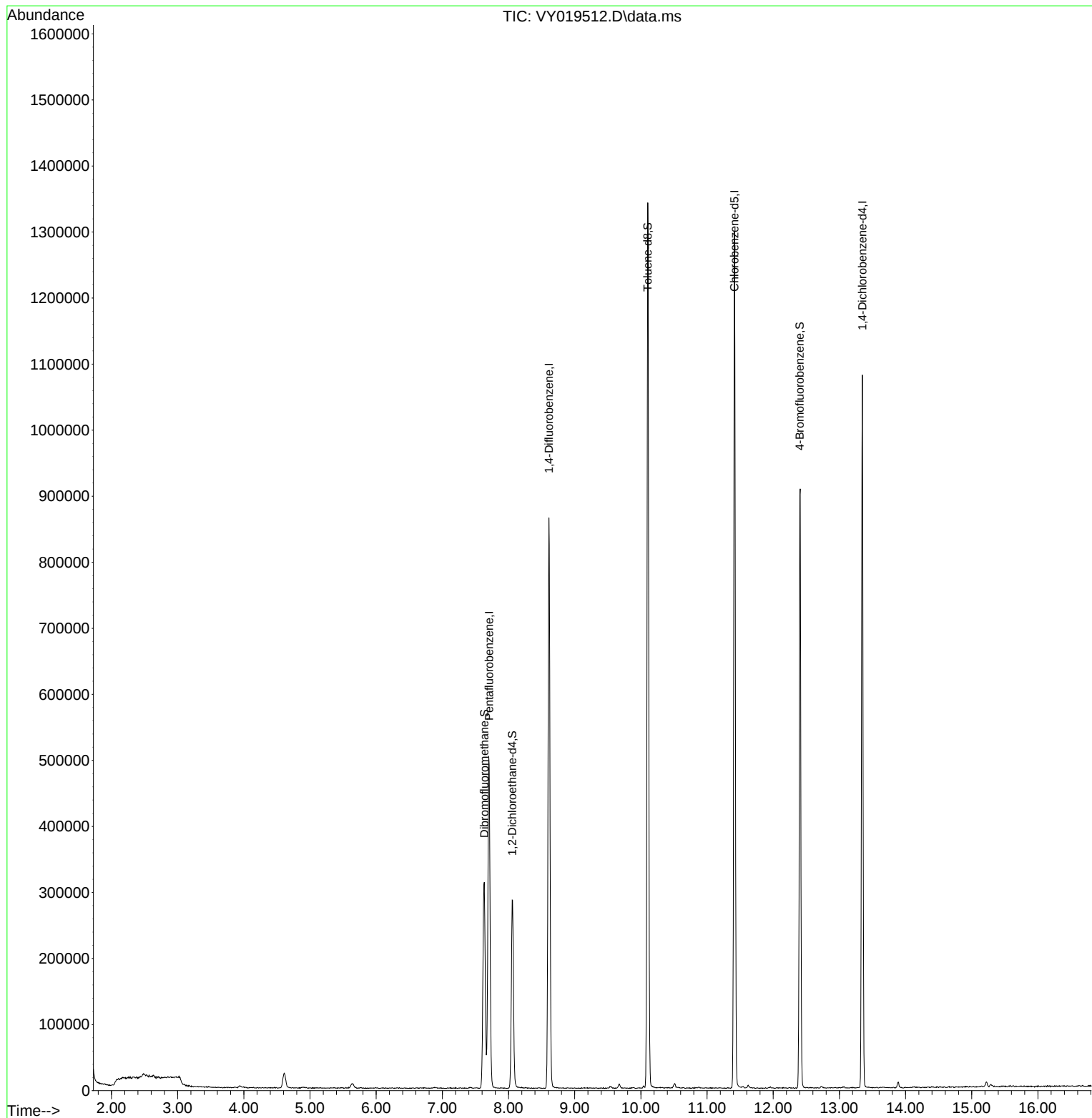
Target Compounds	Qvalue

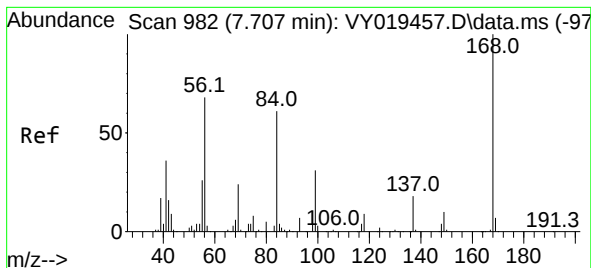
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY019512.D

Acq: 11 Sep 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :

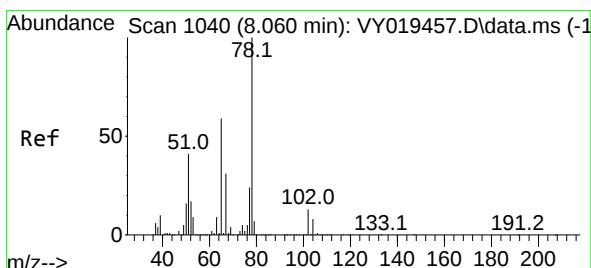
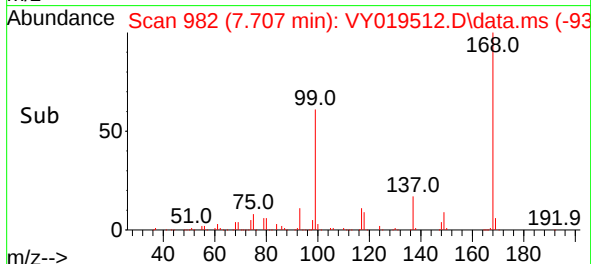
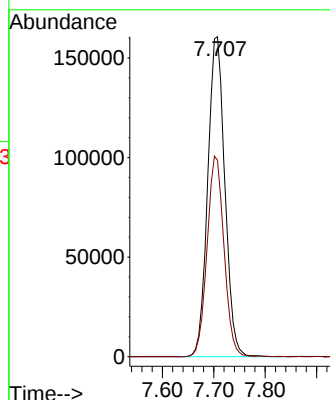
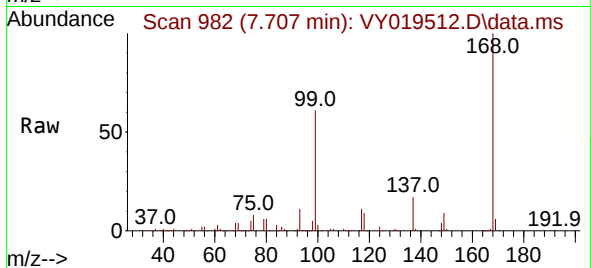
BIN-2

Tgt Ion:168 Resp: 371190

Ion Ratio Lower Upper

168 100

99 61.4 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 65.612 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY019512.D

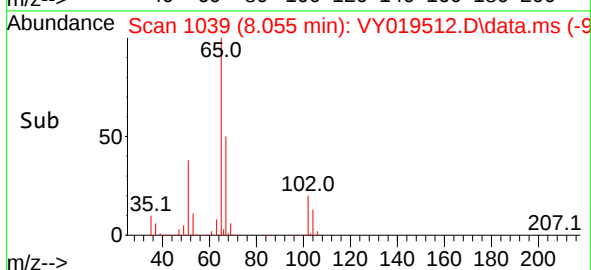
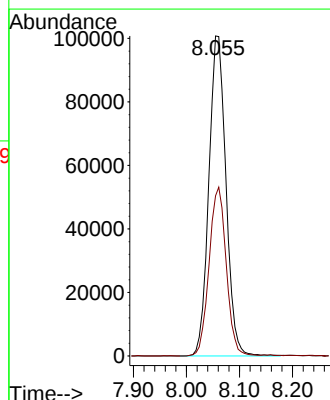
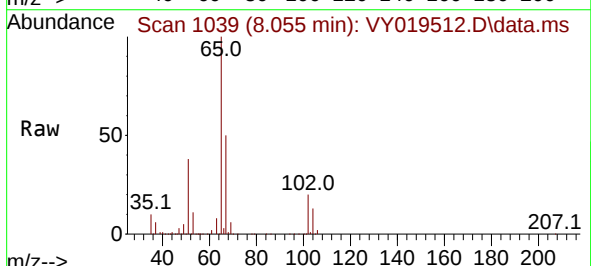
Acq: 11 Sep 2024 16:29

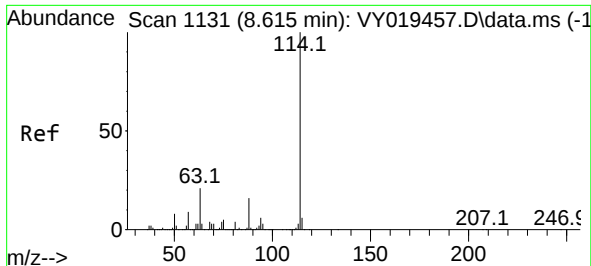
Tgt Ion: 65 Resp: 225516

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.6

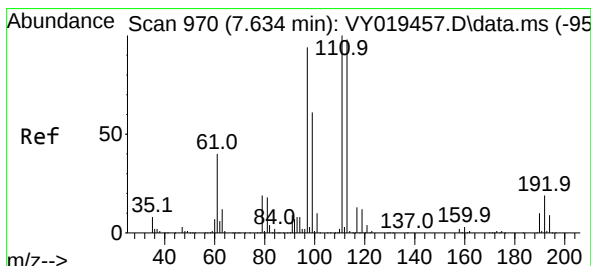
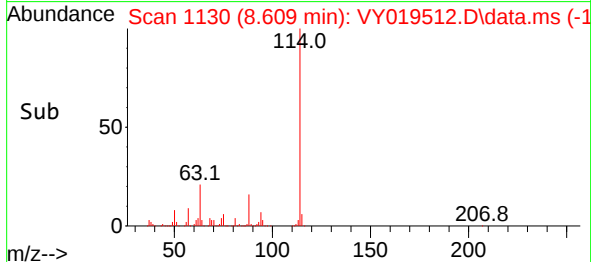
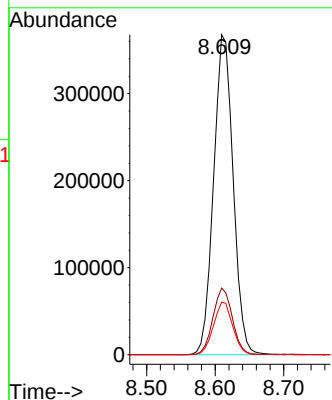
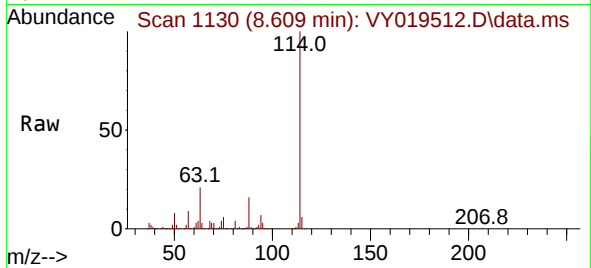




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

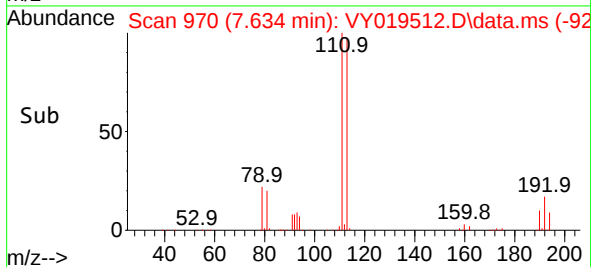
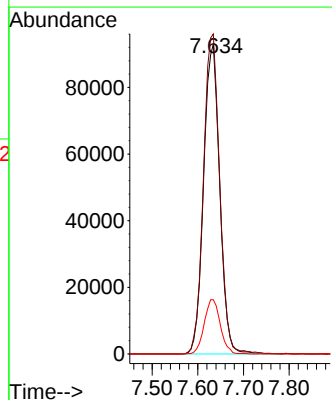
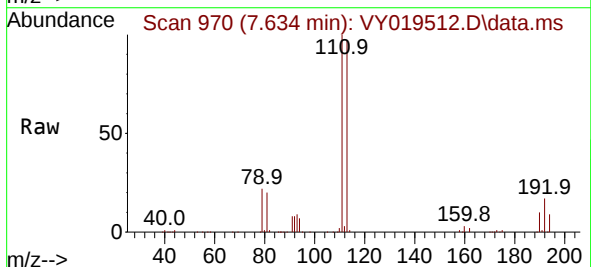
Instrument :
MSVOA_Y
ClientSampleId :
BIN-2

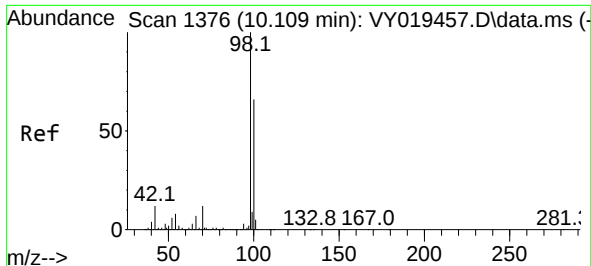
Tgt Ion:114 Resp: 726638
Ion Ratio Lower Upper
114 100
63 20.8 0.0 35.0
88 16.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.245 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

Tgt Ion:113 Resp: 227604
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 17.6 15.9 23.9

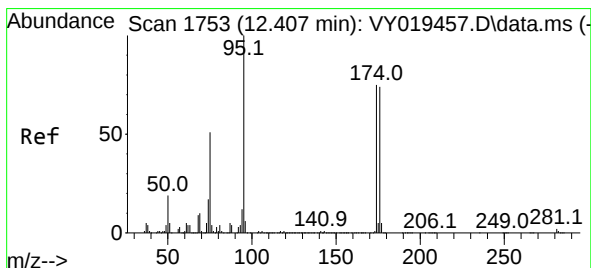
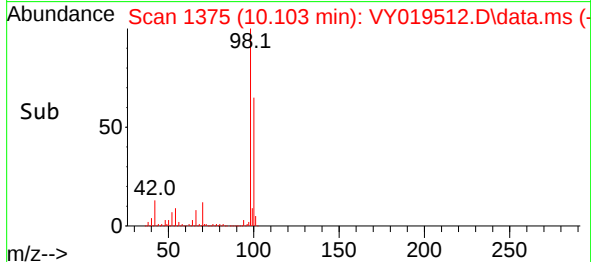
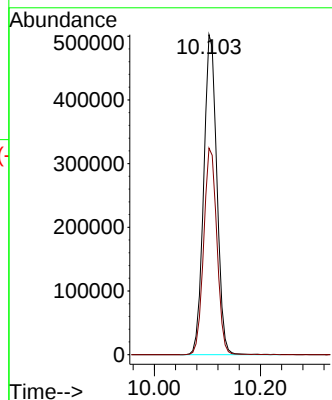
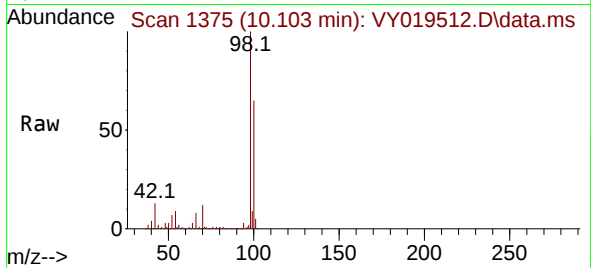




#50
Toluene-d8
Concen: 56.604 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

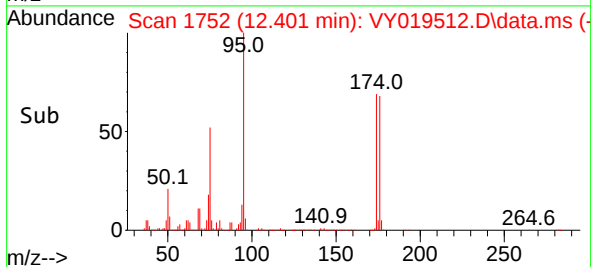
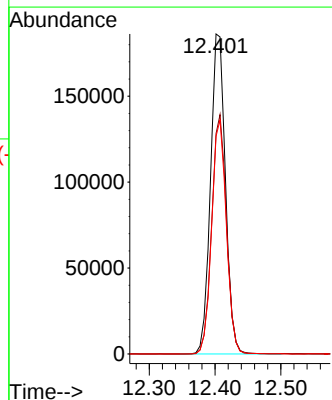
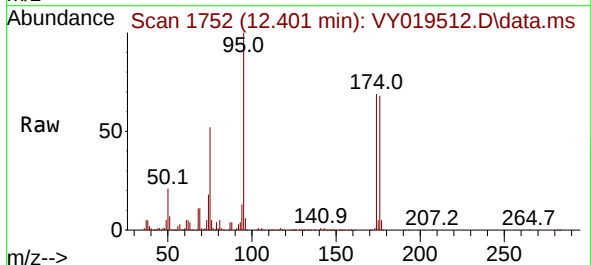
Instrument :
MSVOA_Y
ClientSampleId :
BIN-2

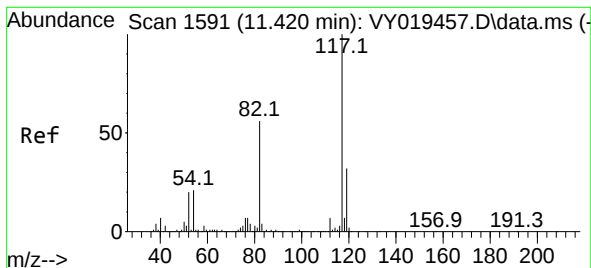
Tgt Ion: 98 Resp: 862562
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.235 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

Tgt Ion: 95 Resp: 294342
Ion Ratio Lower Upper
95 100
174 74.0 0.0 175.6
176 71.8 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: VY019512.D

Acq: 11 Sep 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :

BIN-2

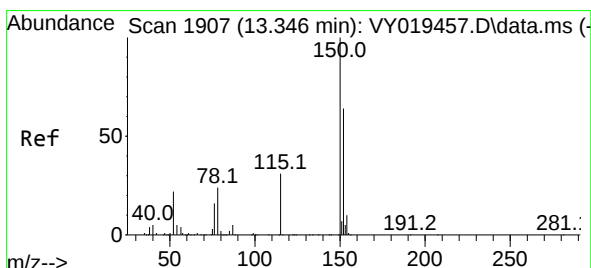
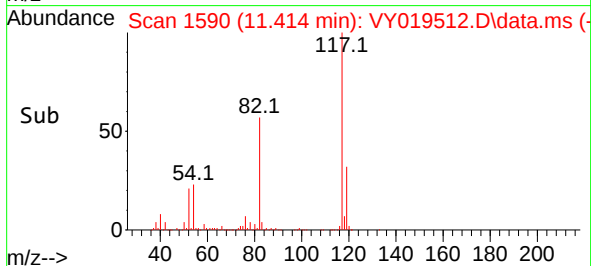
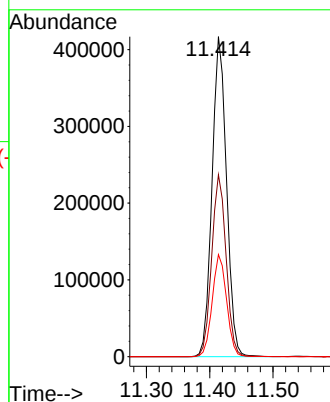
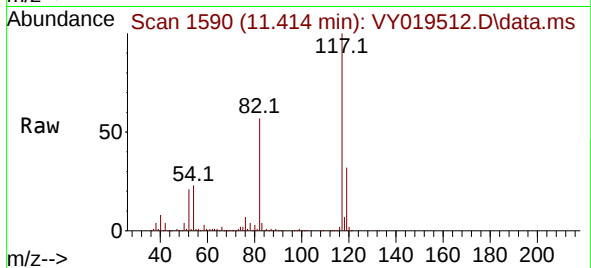
Tgt Ion:117 Resp: 661961

Ion Ratio Lower Upper

117 100

82 56.9 42.4 63.6

119 31.9 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: VY019512.D

Acq: 11 Sep 2024 16:29

Tgt Ion:152 Resp: 256119

Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 158.3 0.0 345.6

