

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019525.D
 Acq On : 12 Sep 2024 14:13
 Operator : SY/MD
 Sample : P3929-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11930

Quant Time: Sep 13 01:31:23 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	362590	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	696305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	619184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	230114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	214168	63.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.580%
35) Dibromofluoromethane	7.628	113	220909	55.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.920%
50) Toluene-d8	10.109	98	832235	56.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.980%
62) 4-Bromofluorobenzene	12.407	95	273532	48.717	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.440%

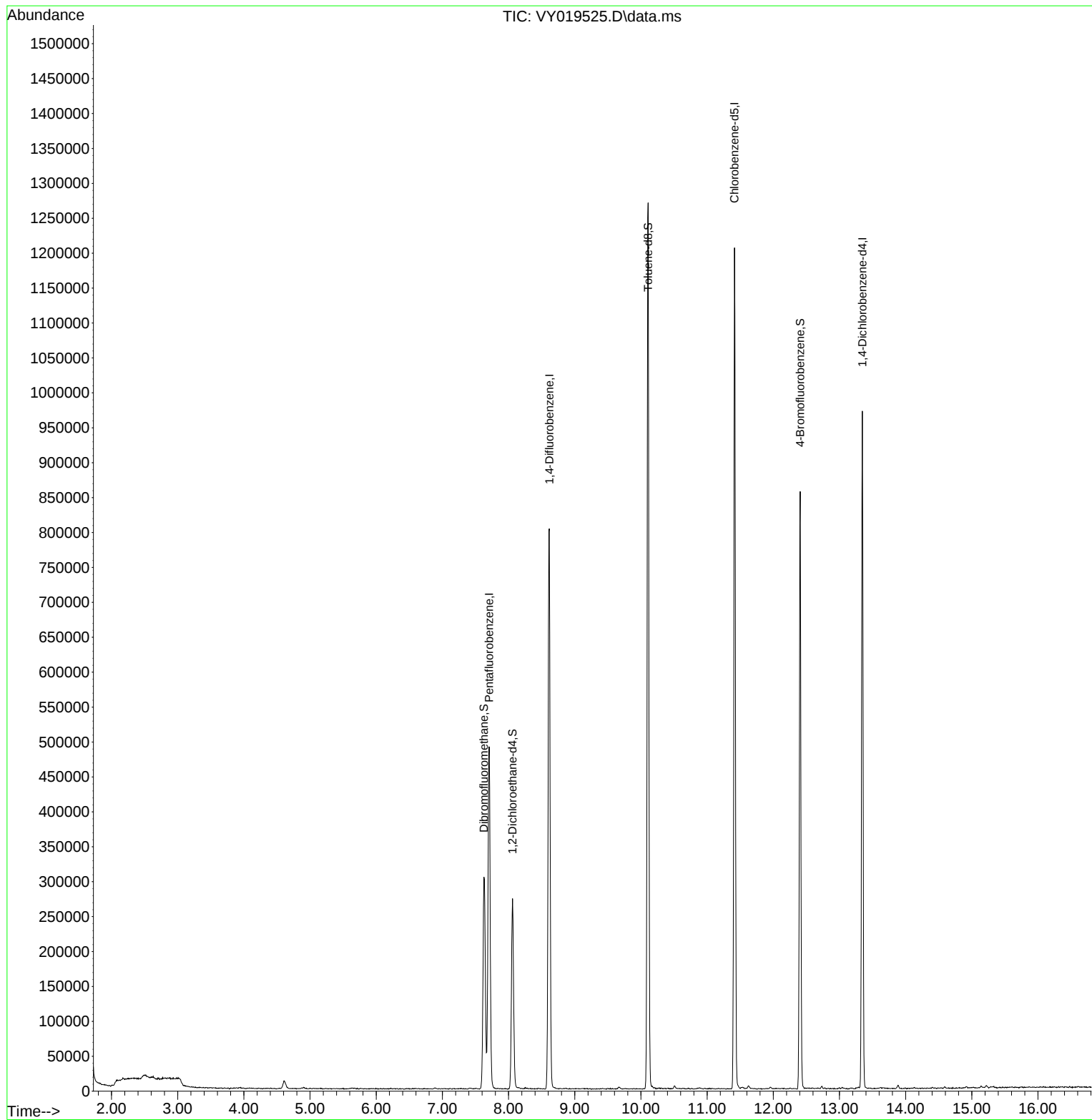
Target Compounds	Qvalue

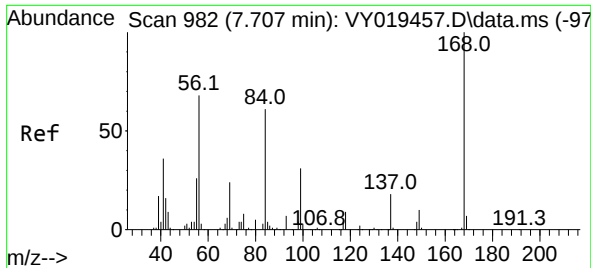
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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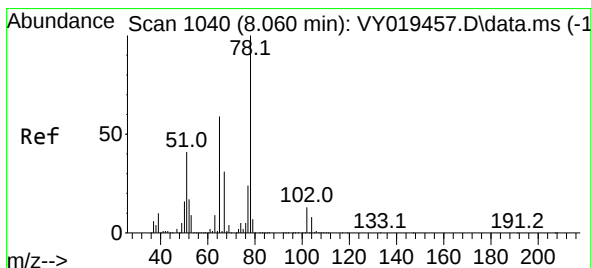
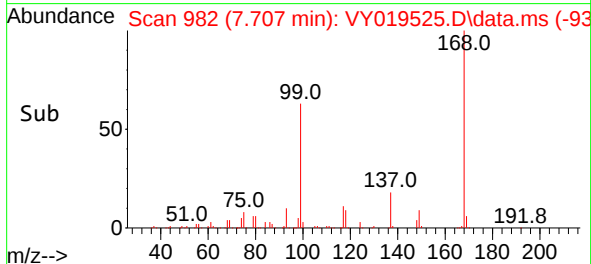
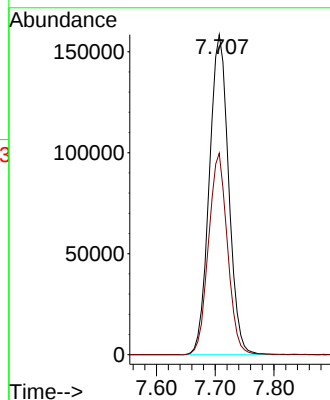
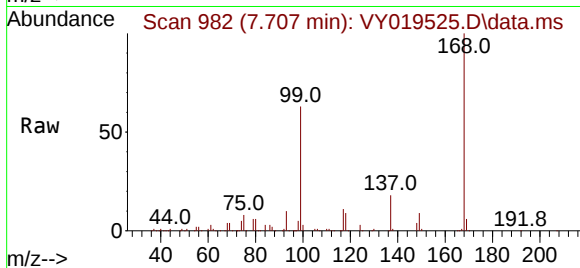




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019525.D
Acq: 12 Sep 2024 14:13

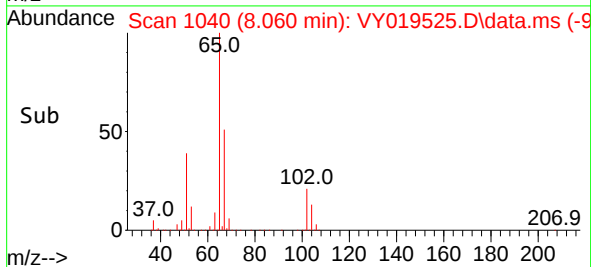
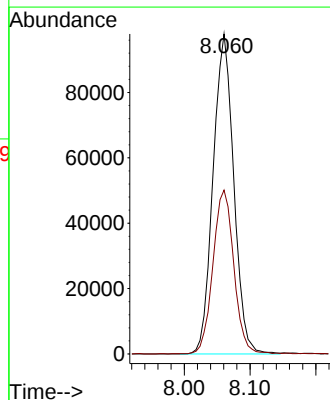
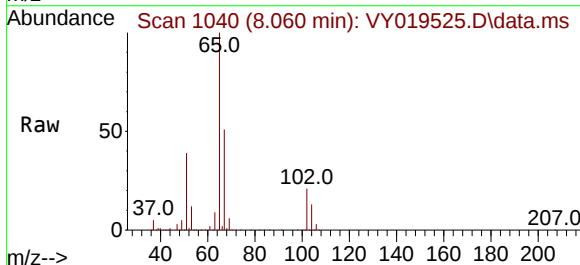
Instrument :
MSVOA_Y
ClientSampleId :
72-11930

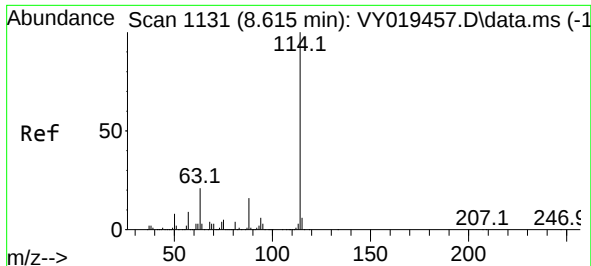
Tgt Ion:168 Resp: 362590
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 63.788 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY019525.D
Acq: 12 Sep 2024 14:13

Tgt Ion: 65 Resp: 214168
Ion Ratio Lower Upper
65 100
67 51.9 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: VY019525.D

Acq: 12 Sep 2024 14:13

Instrument :

MSVOA_Y

ClientSampleId :

72-11930

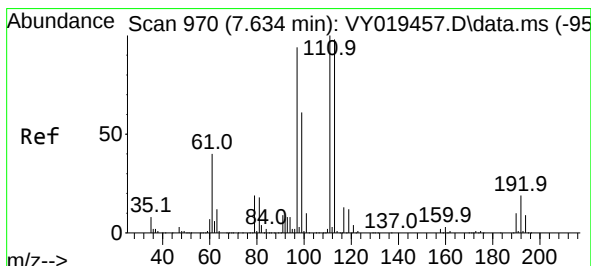
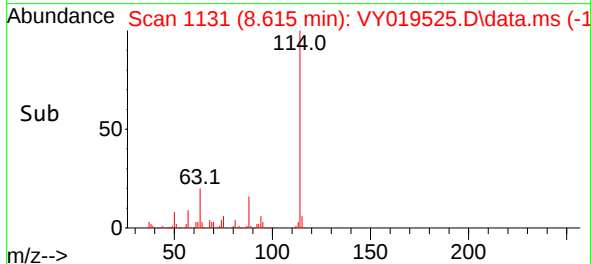
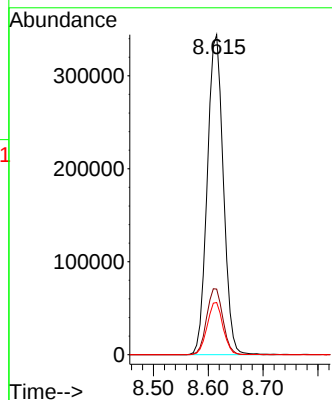
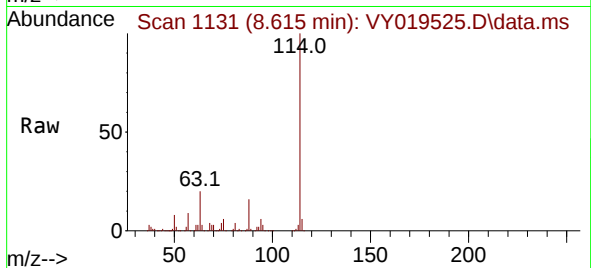
Tgt Ion:114 Resp: 696305

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 16.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.956 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019525.D

Acq: 12 Sep 2024 14:13

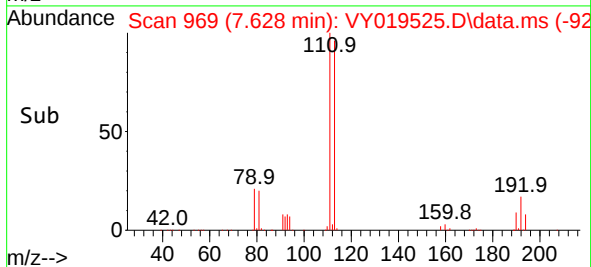
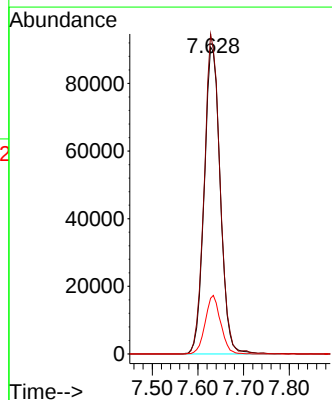
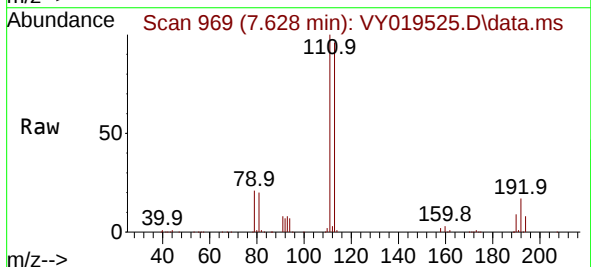
Tgt Ion:113 Resp: 220909

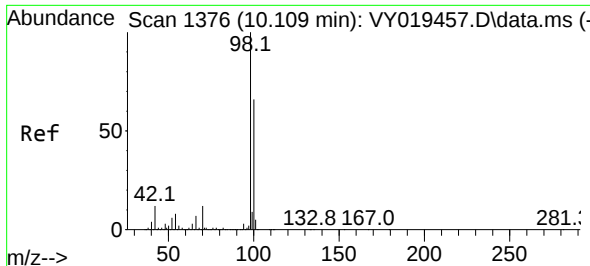
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 18.3 15.9 23.9

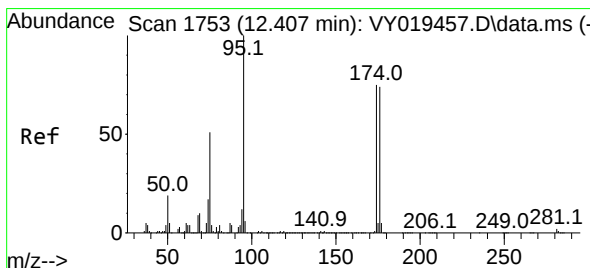
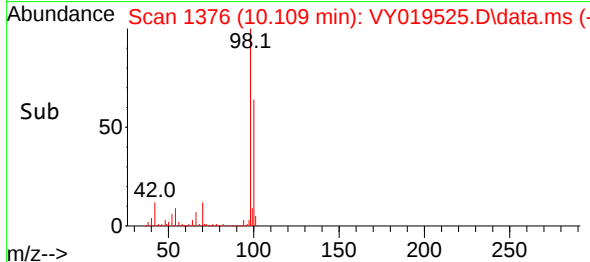
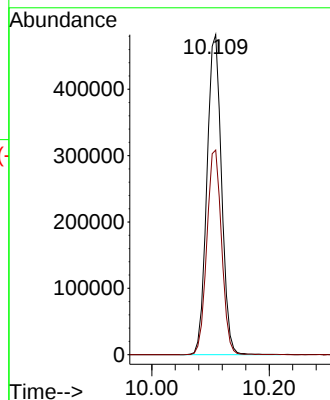
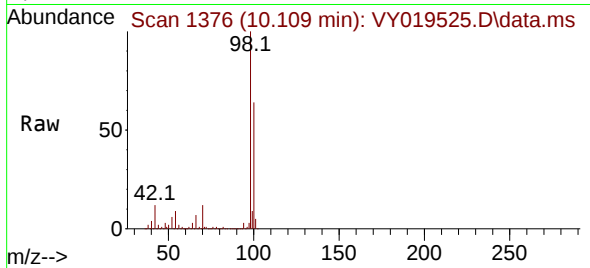




#50
Toluene-d8
Concen: 56.993 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY019525.D
Acq: 12 Sep 2024 14:13

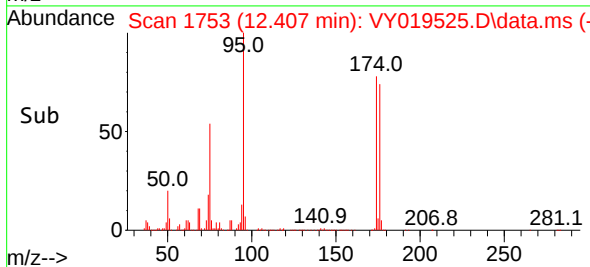
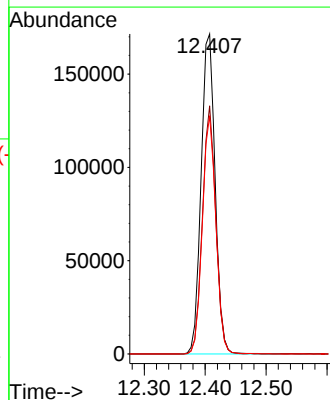
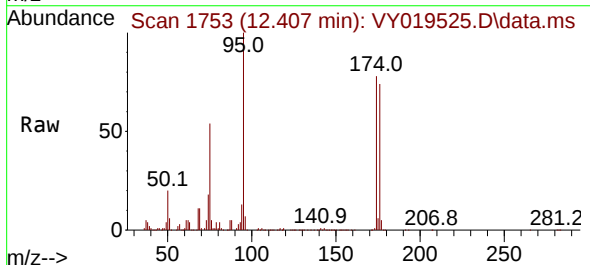
Instrument :
MSVOA_Y
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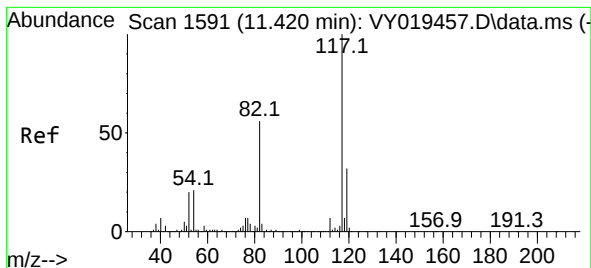
Tgt Ion: 98 Resp: 832235
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.717 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019525.D
Acq: 12 Sep 2024 14:13

Tgt Ion: 95 Resp: 273532
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 71.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019525.D

Acq: 12 Sep 2024 14:13

Instrument :

MSVOA_Y

ClientSampleId :

72-11930

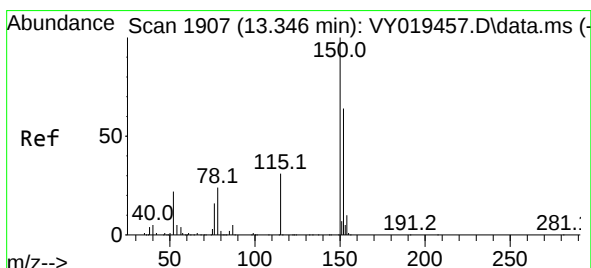
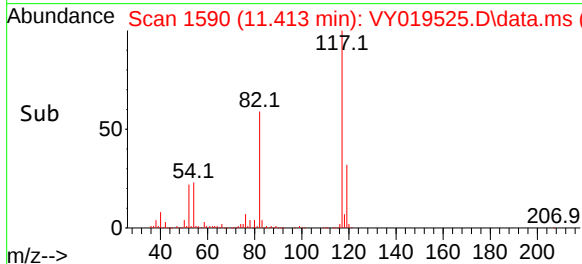
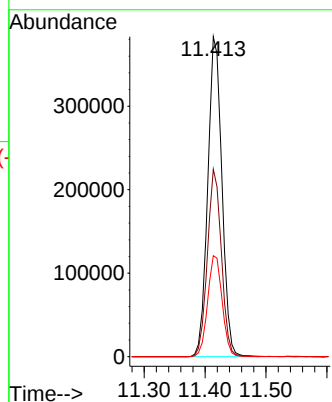
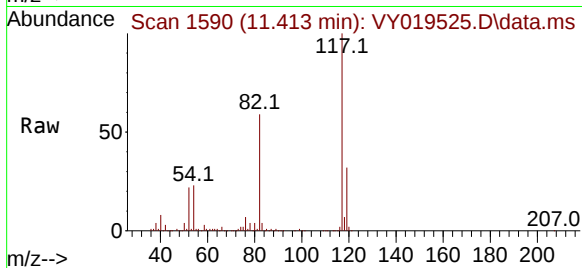
Tgt Ion:117 Resp: 619184

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 31.6 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: VY019525.D

Acq: 12 Sep 2024 14:13

Tgt Ion:152 Resp: 230114

Ion Ratio Lower Upper

152 100

115 62.5 28.2 84.7

150 157.6 0.0 345.6

