

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020930.D
 Acq On : 24 Jan 2025 15:13
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 25 01:43:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:08:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	241114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	406443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	347906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	133001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	115704	60.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.380%
35) Dibromofluoromethane	7.646	113	127224	54.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.040%
50) Toluene-d8	10.115	98	471429	52.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.180%
62) 4-Bromofluorobenzene	12.413	95	143266	47.564	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.120%

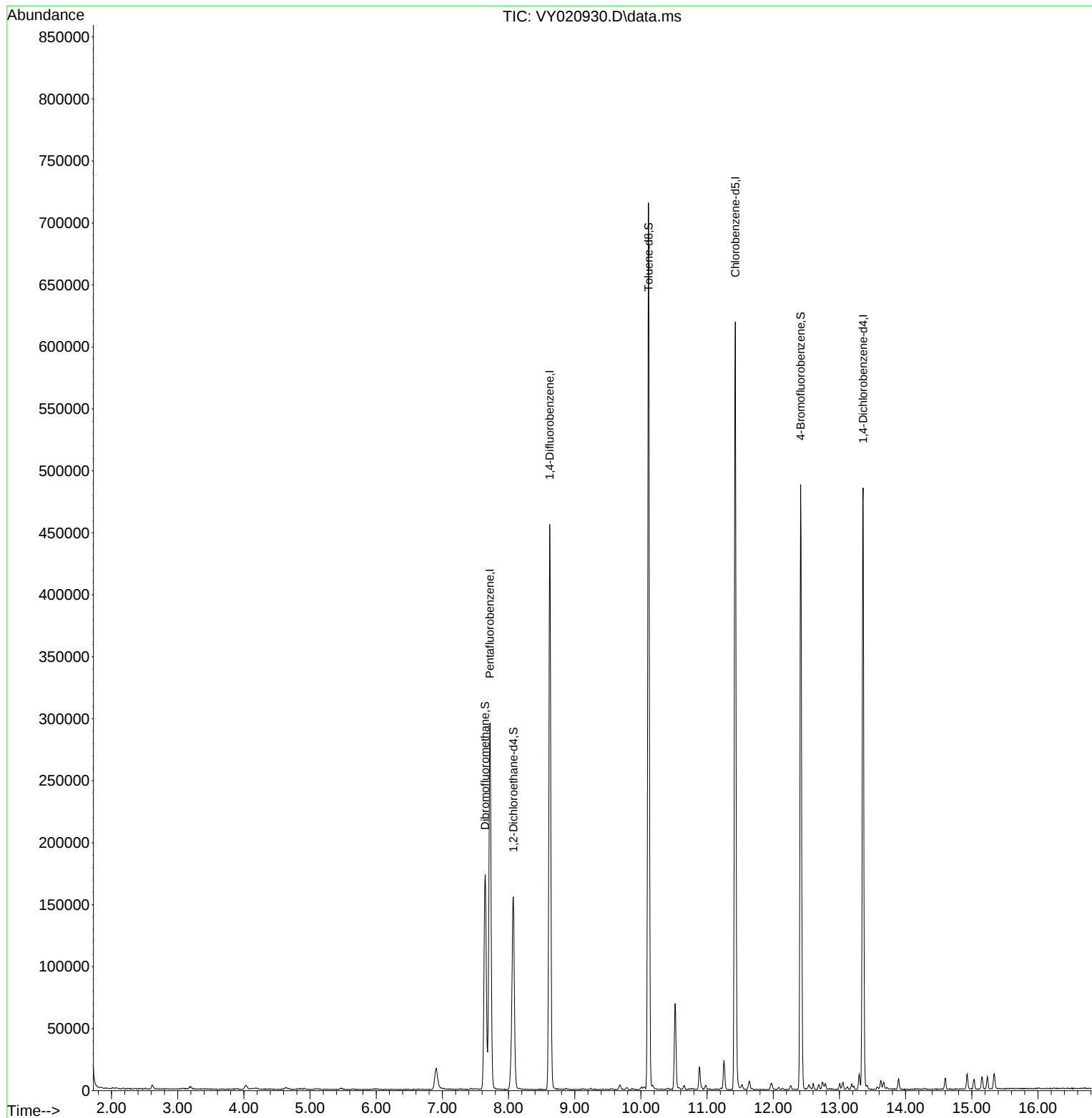
Target Compounds	Qvalue

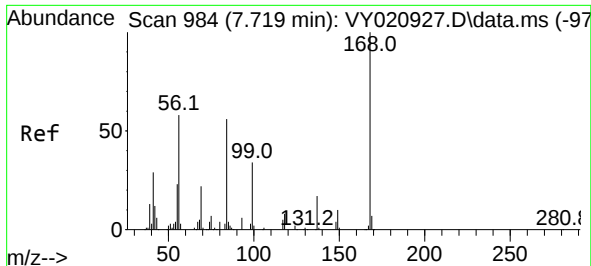
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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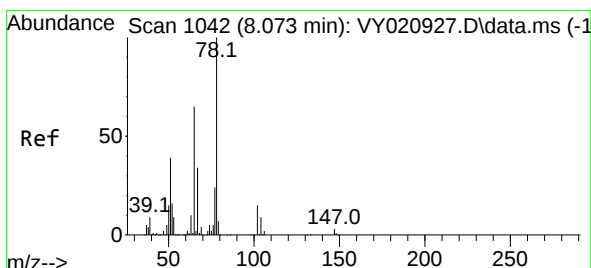
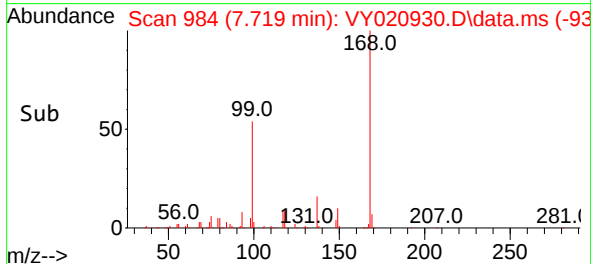
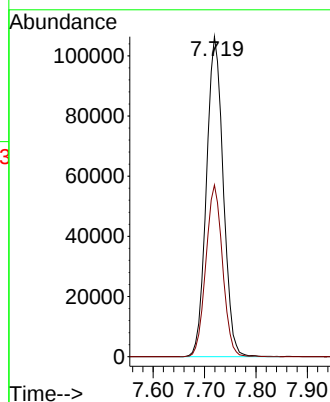
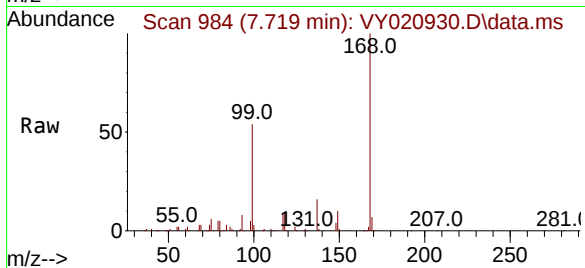




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020930.D
Acq: 24 Jan 2025 15:13

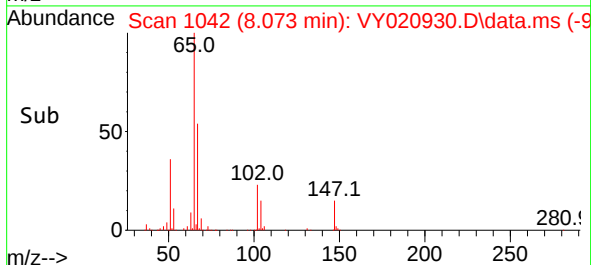
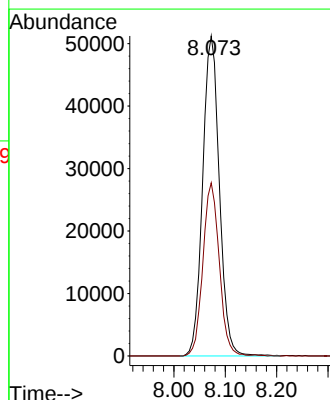
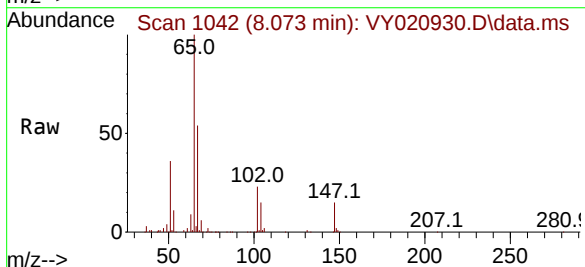
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

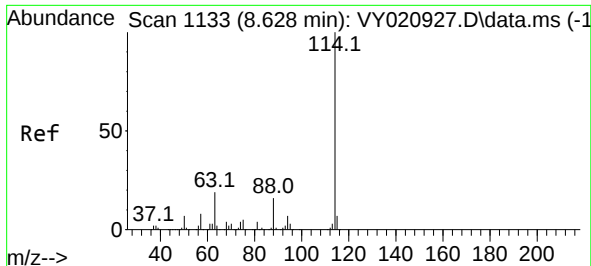
Tgt Ion:168 Resp: 241114
Ion Ratio Lower Upper
168 100
99 53.7 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 60.187 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY020930.D
Acq: 24 Jan 2025 15:13

Tgt Ion: 65 Resp: 115704
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020930.D

Acq: 24 Jan 2025 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

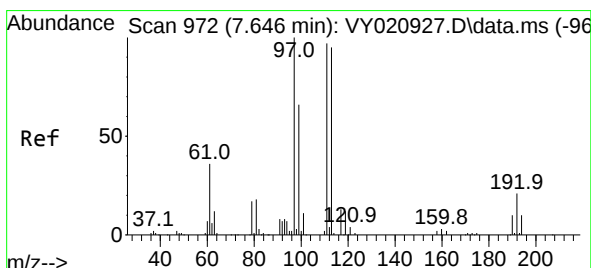
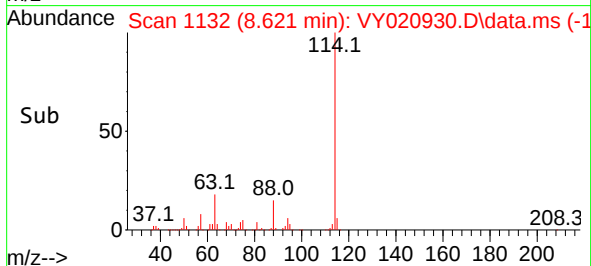
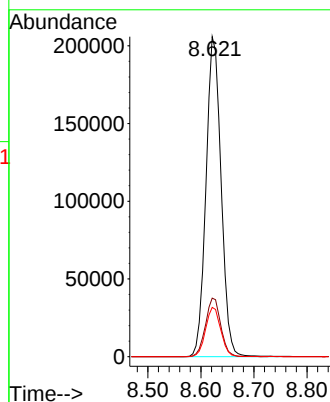
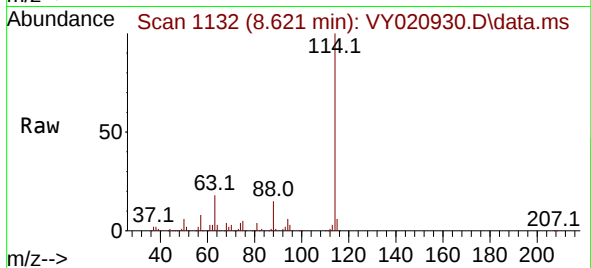
Tgt Ion:114 Resp: 406443

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 15.4 0.0 31.6



#35

Dibromofluoromethane

Concen: 54.525 ug/l

RT: 7.646 min Scan# 972

Delta R.T. -0.000 min

Lab File: VY020930.D

Acq: 24 Jan 2025 15:13

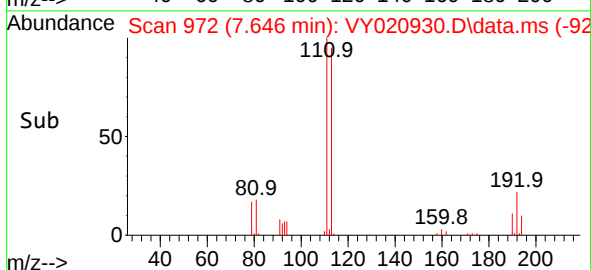
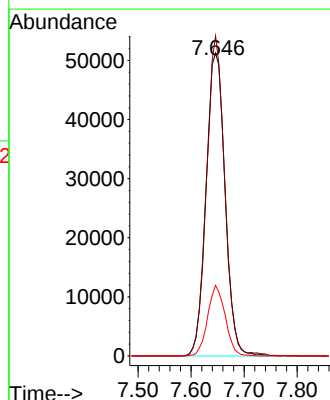
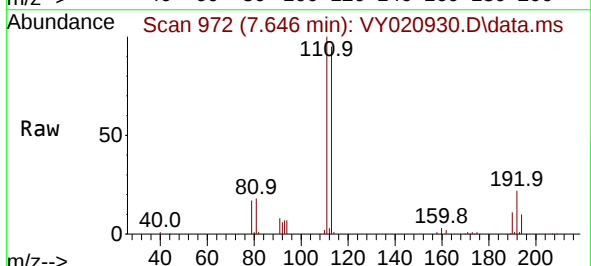
Tgt Ion:113 Resp: 127224

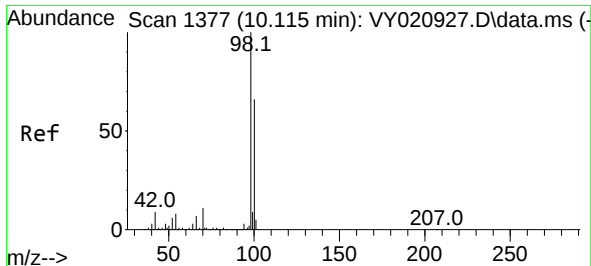
Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

192 21.7 17.4 26.2

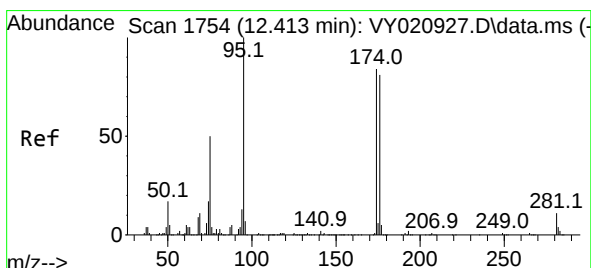
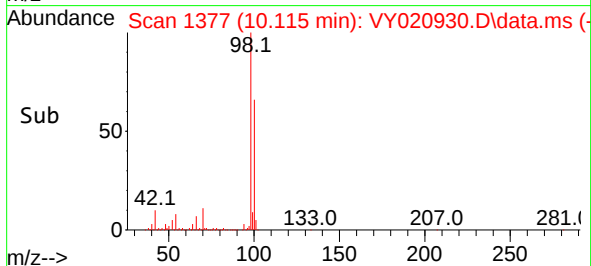
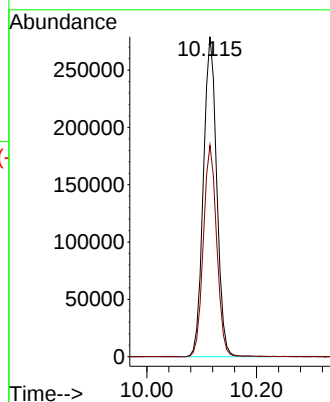
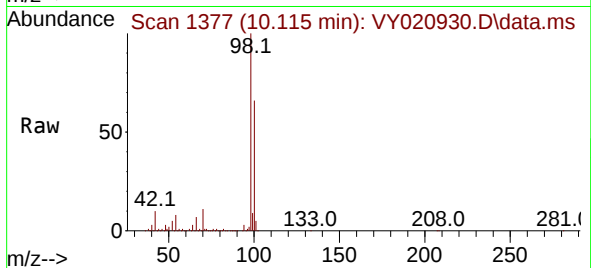




#50
Toluene-d8
Concen: 52.089 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VY020930.D
Acq: 24 Jan 2025 15:13

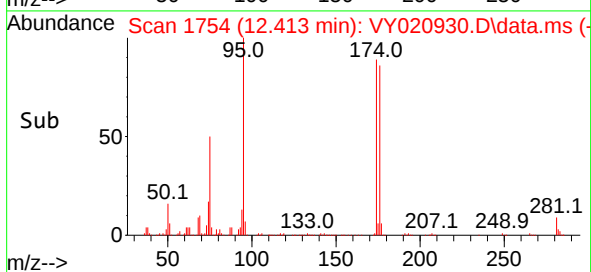
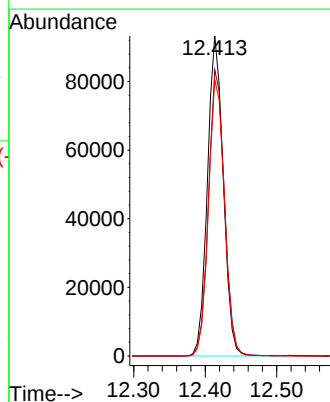
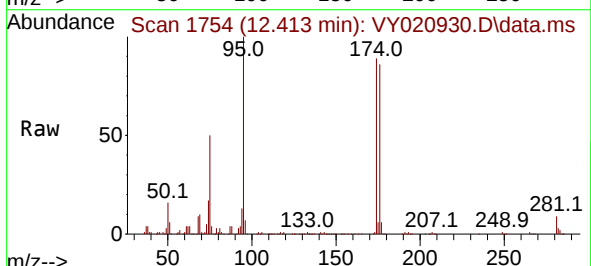
Instrument :
MSVOA_Y
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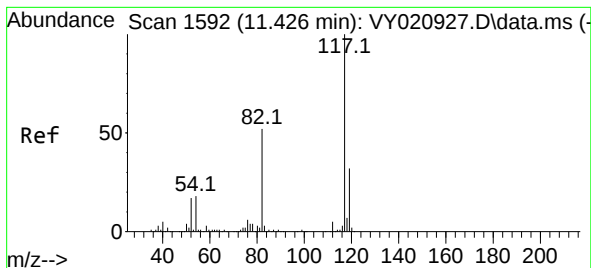
Tgt Ion: 98 Resp: 471429
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.564 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020930.D
Acq: 24 Jan 2025 15:13

Tgt Ion: 95 Resp: 143266
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.4
176 87.7 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020930.D

Acq: 24 Jan 2025 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

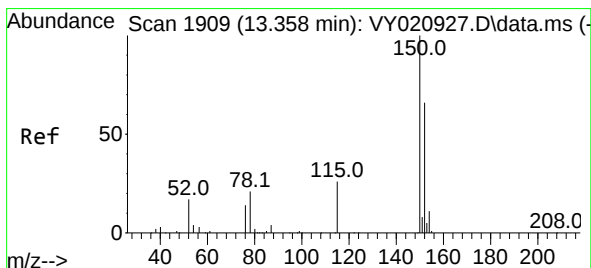
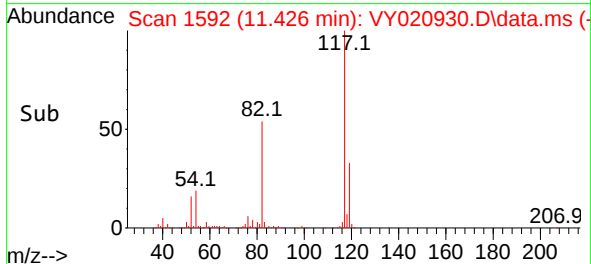
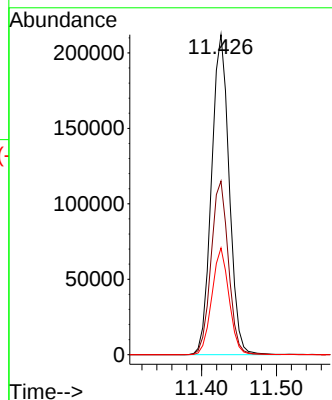
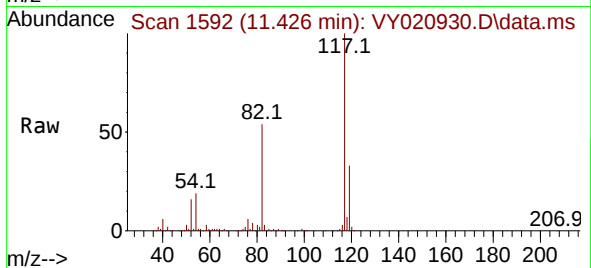
Tgt Ion:117 Resp: 347906

Ion Ratio Lower Upper

117 100

82 54.3 41.8 62.8

119 33.3 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. -0.000 min

Lab File: VY020930.D

Acq: 24 Jan 2025 15:13

Tgt Ion:152 Resp: 133001

Ion Ratio Lower Upper

152 100

115 56.9 29.0 87.0

150 156.4 0.0 347.6

