

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021925\
 Data File : VY021237.D
 Acq On : 19 Feb 2025 15:21
 Operator : SY/MD
 Sample : VY0219SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBL01

Quant Time: Feb 20 00:17:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	252953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	478949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	429832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	157077	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	140543	54.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.460%
35) Dibromofluoromethane	7.646	113	154148	50.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.440%
50) Toluene-d8	10.115	98	579110	49.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.414	95	182414	47.782	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.560%

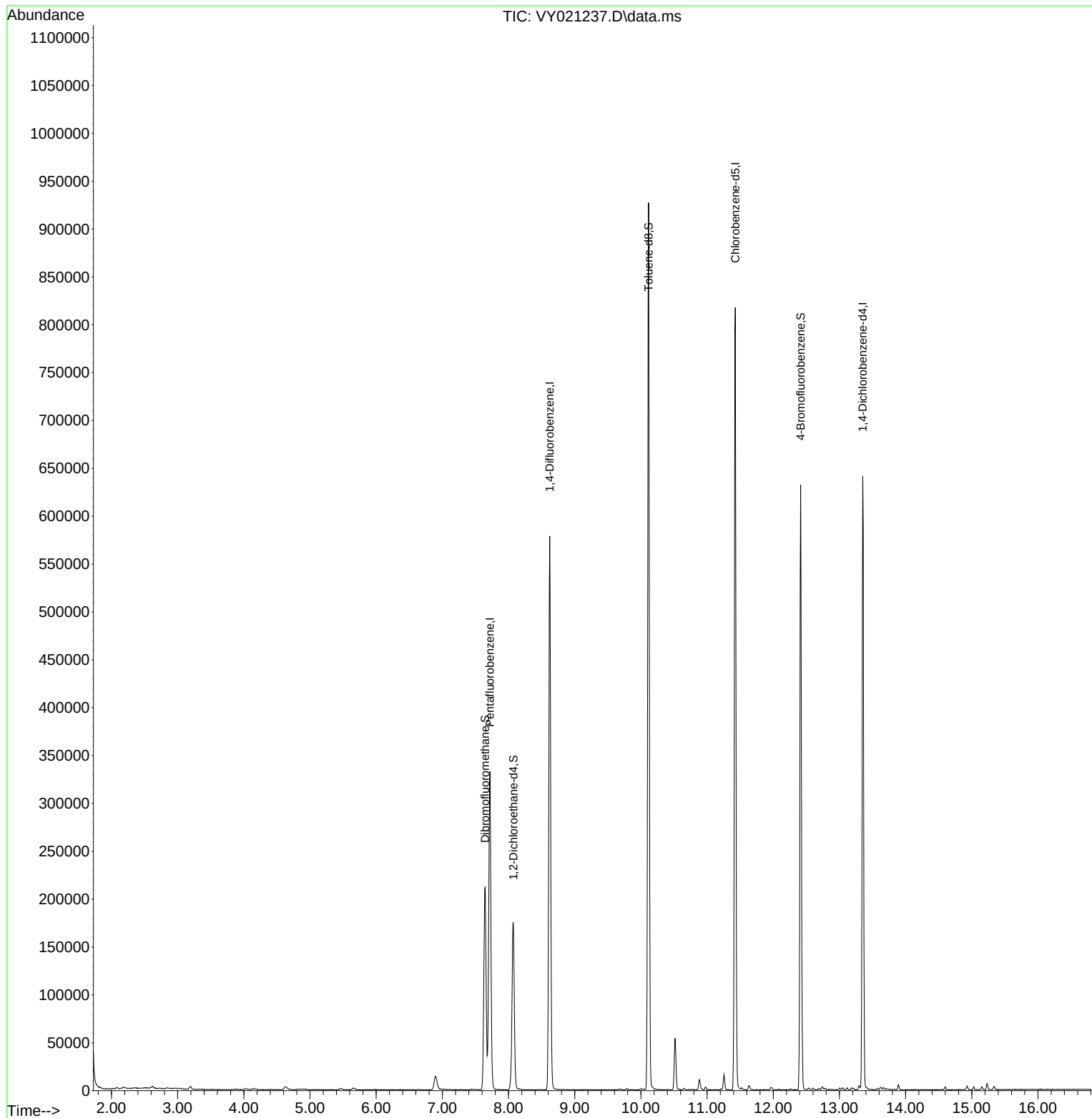
Target Compounds	Qvalue

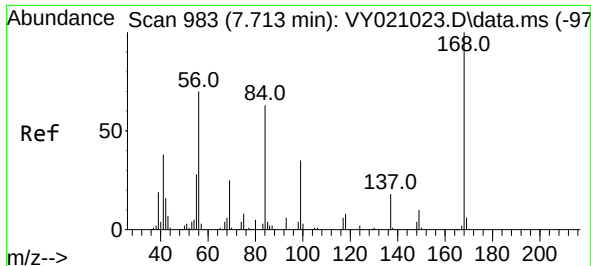
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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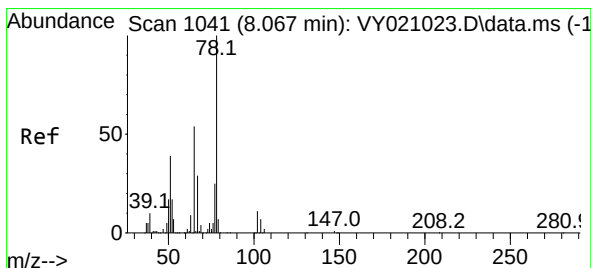
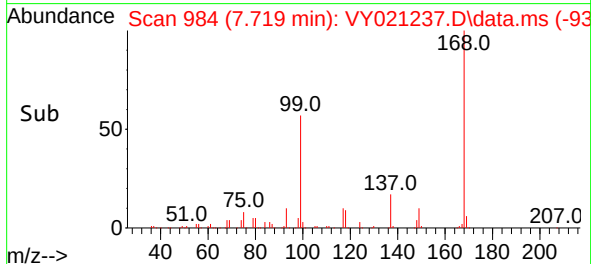
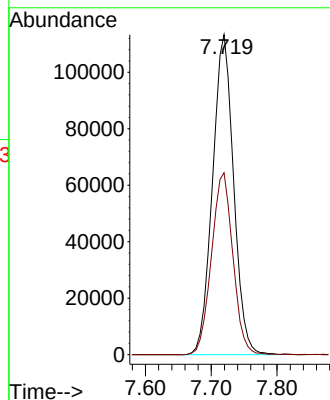
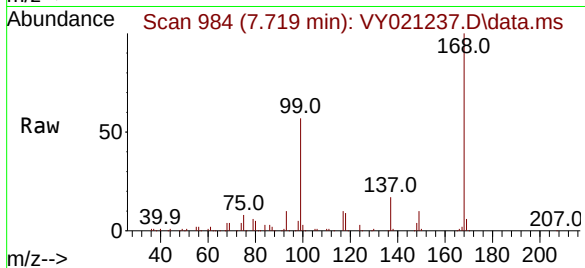




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

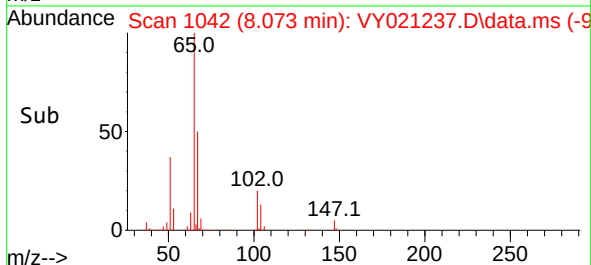
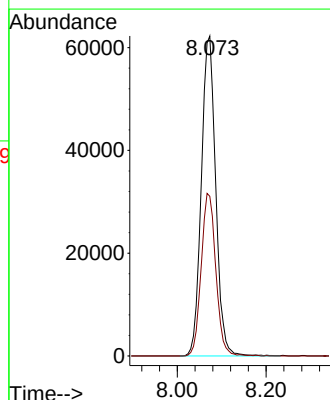
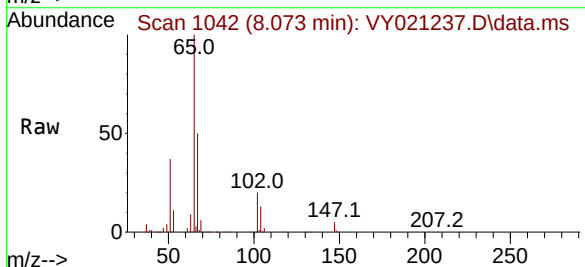
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBL01

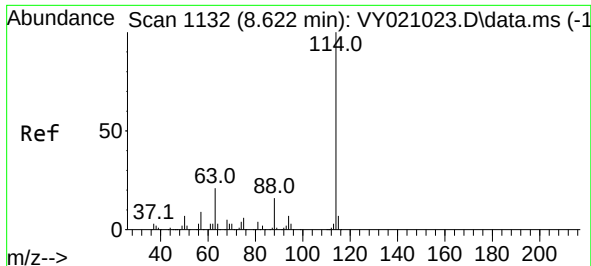
Tgt Ion:168 Resp: 252953
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 54.228 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

Tgt Ion: 65 Resp: 140543
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021237.D

Acq: 19 Feb 2025 15:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBL01

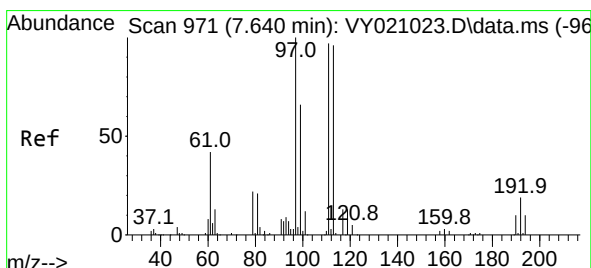
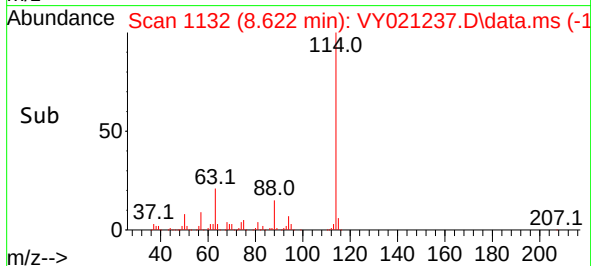
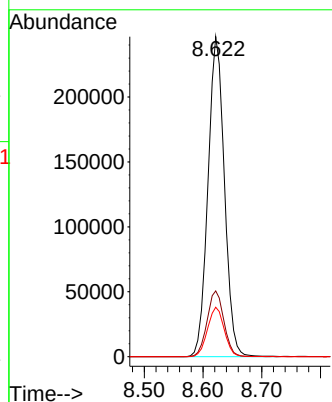
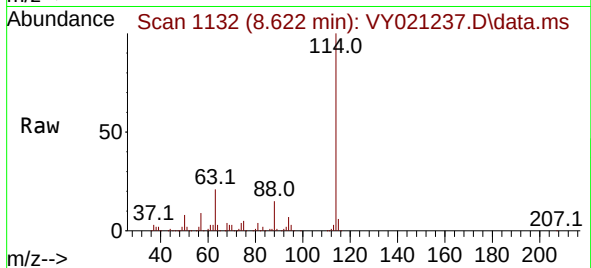
Tgt Ion:114 Resp: 478949

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.220 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021237.D

Acq: 19 Feb 2025 15:21

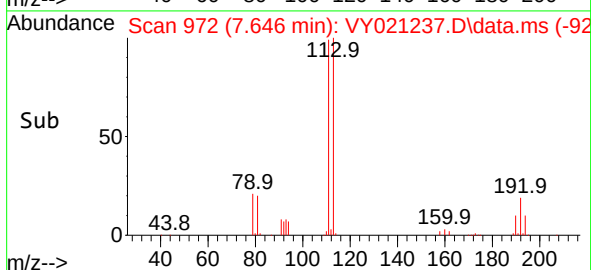
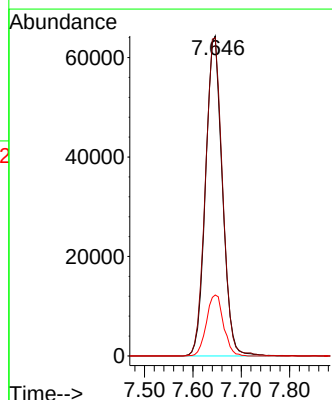
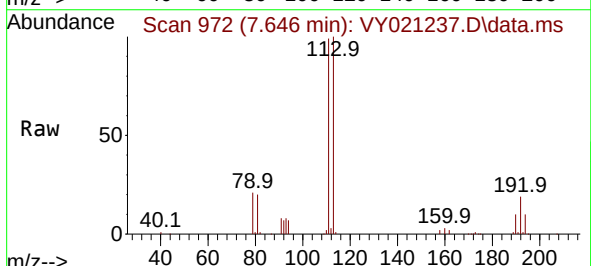
Tgt Ion:113 Resp: 154148

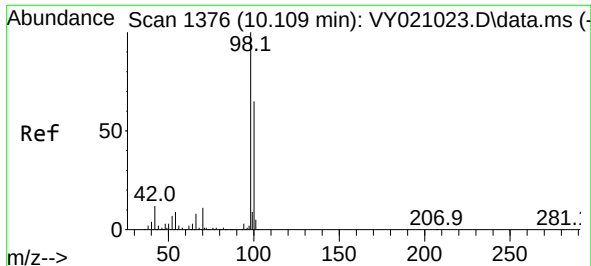
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 19.5 14.5 21.7

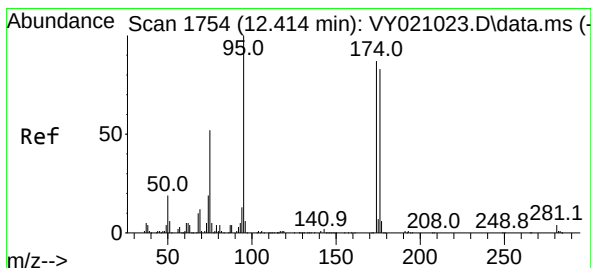
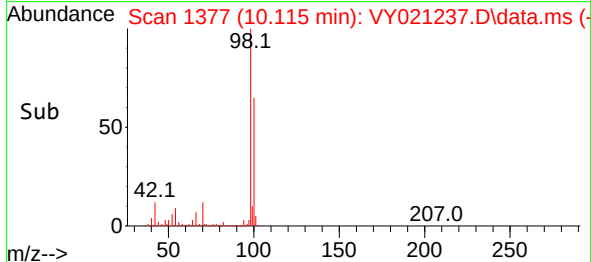
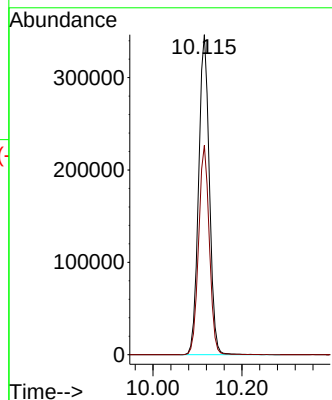
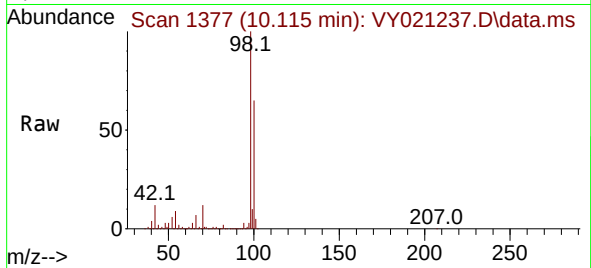




#50
Toluene-d8
Concen: 49.558 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

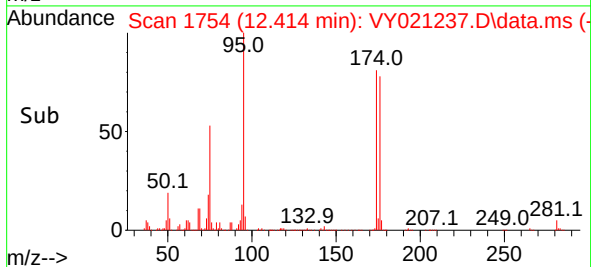
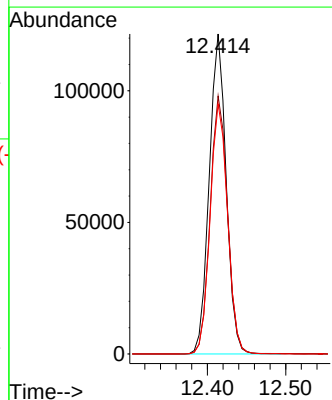
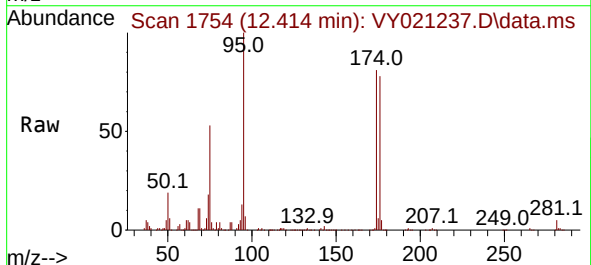
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBL01

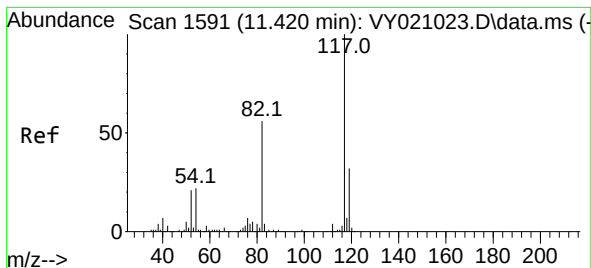
Tgt Ion: 98 Resp: 579110
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.782 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

Tgt Ion: 95 Resp: 182414
Ion Ratio Lower Upper
95 100
174 82.7 0.0 160.0
176 80.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021237.D

Acq: 19 Feb 2025 15:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBL01

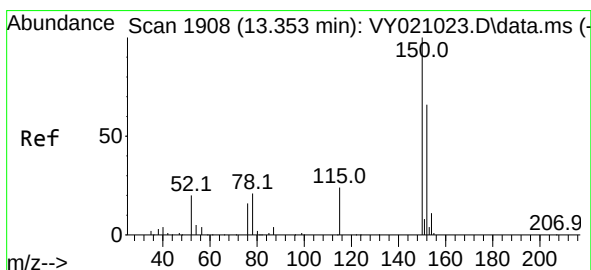
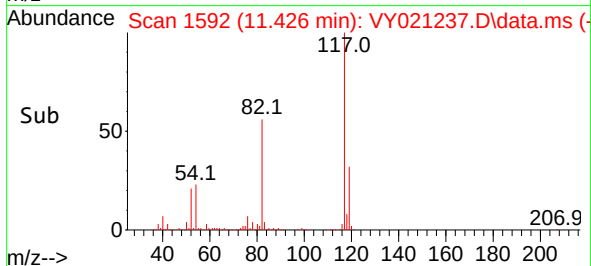
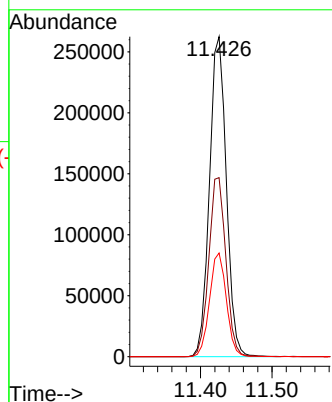
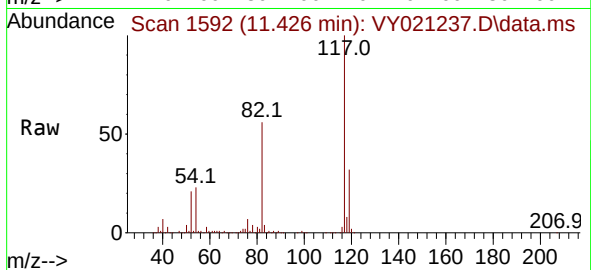
Tgt Ion:117 Resp: 429832

Ion Ratio Lower Upper

117 100

82 55.9 43.8 65.8

119 32.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021237.D

Acq: 19 Feb 2025 15:21

Tgt Ion:152 Resp: 157077

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 158.1 0.0 344.6

