

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021149.D
 Acq On : 10 Feb 2025 10:14
 Operator : SY/MD
 Sample : VY0210SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBL01

Quant Time: Feb 11 00:26:36 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	7.713	168	180560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	329638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	302548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	115233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	103446	55.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.640	113	108025	51.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.109	98	405340	50.399	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.414	95	125892	47.914	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.820%

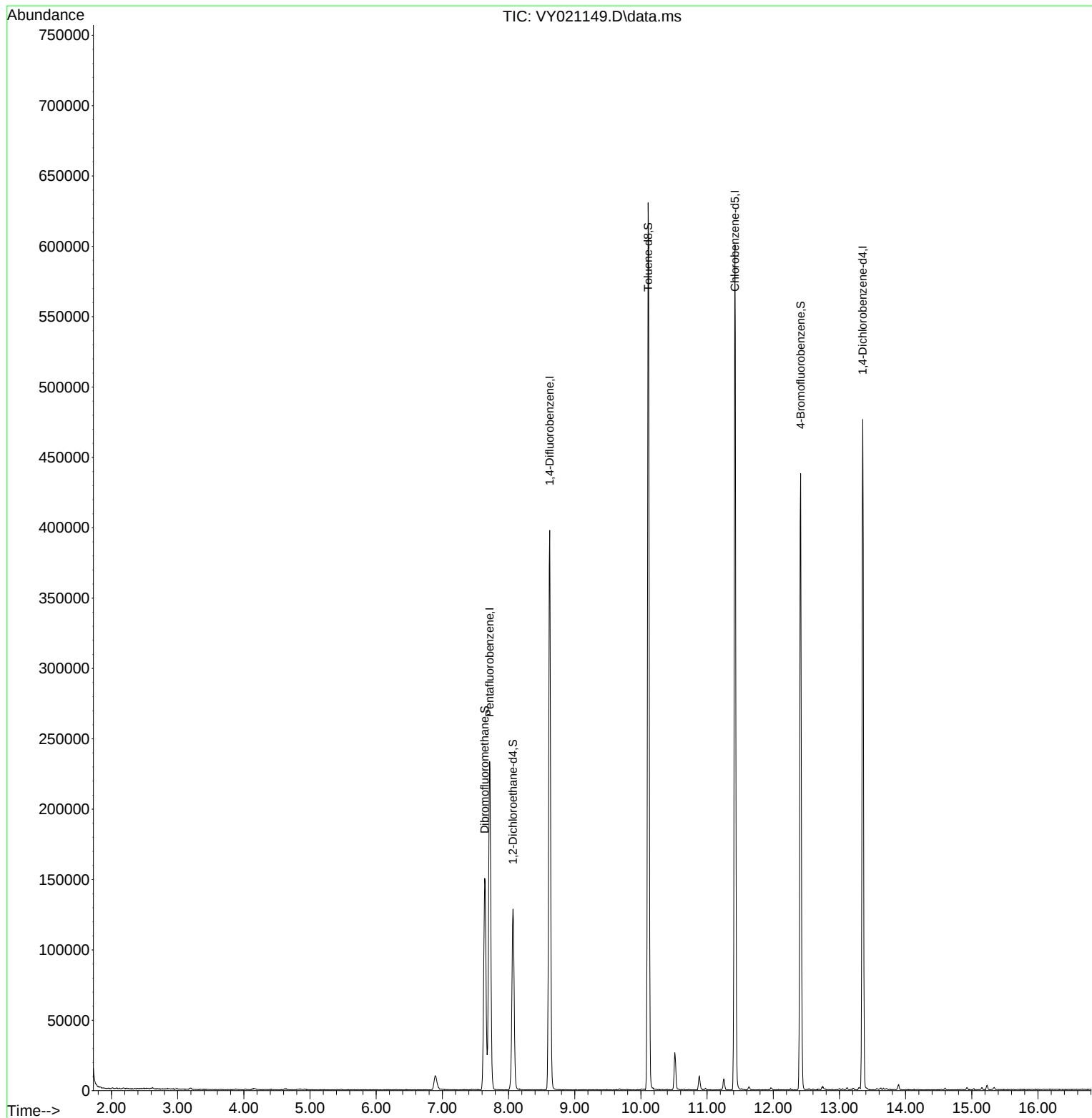
Target Compounds	Qvalue

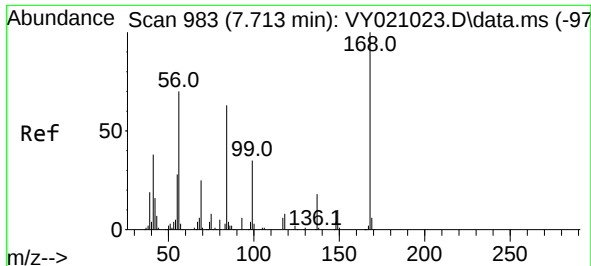
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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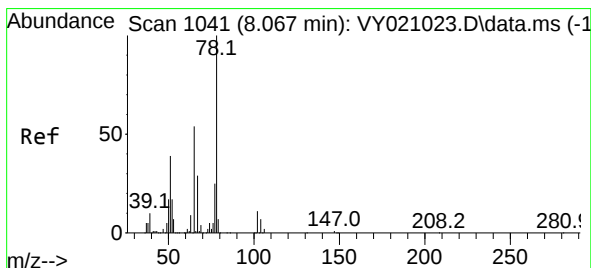
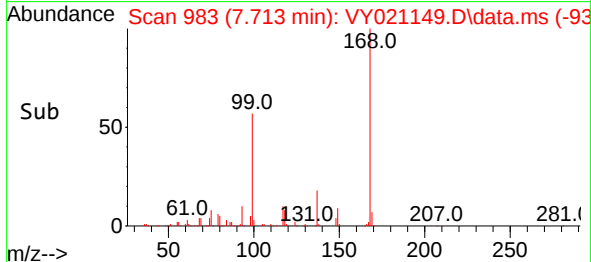
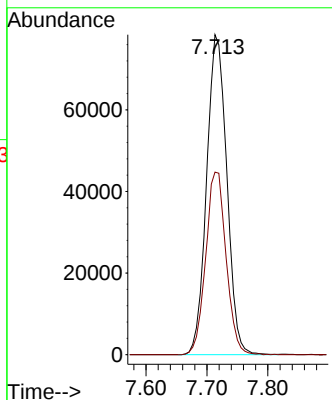
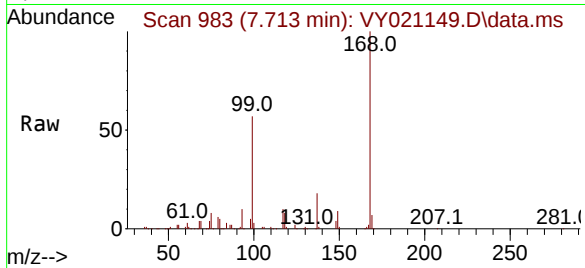




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

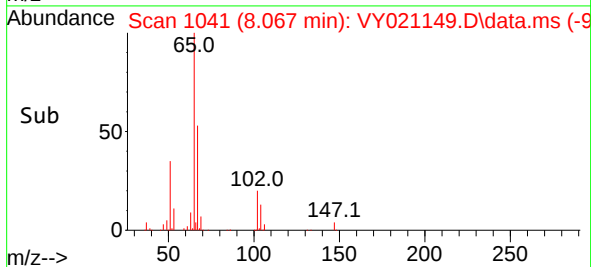
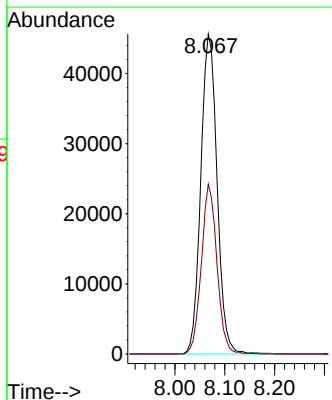
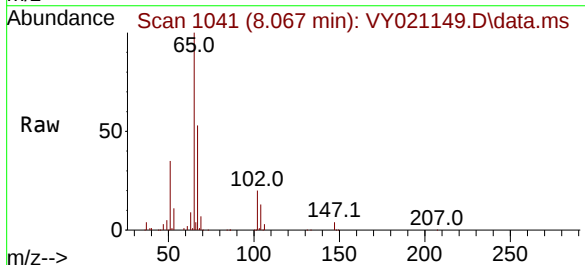
Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBL01

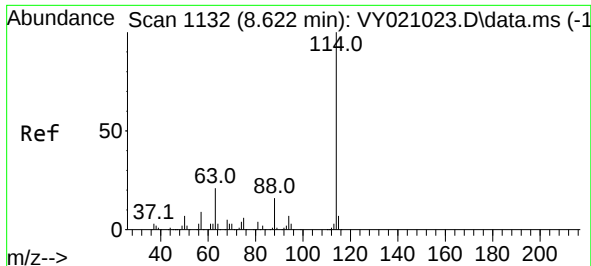
Tgt Ion:168 Resp: 180560
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.917 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

Tgt Ion: 65 Resp: 103446
Ion Ratio Lower Upper
65 100
67 50.9 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: VY021149.D

Acq: 10 Feb 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBL01

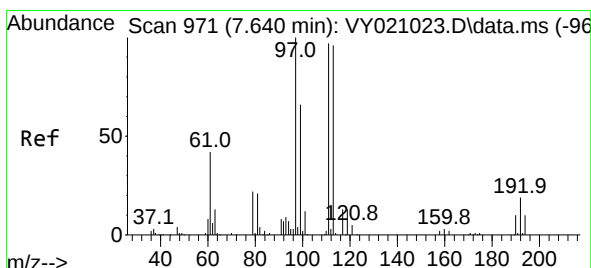
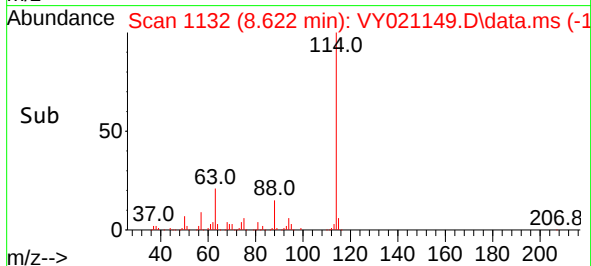
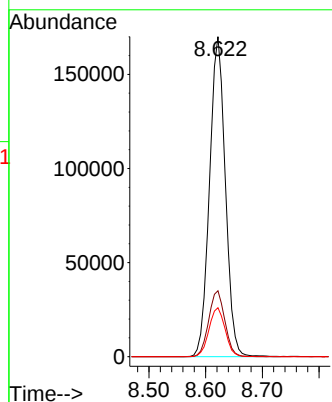
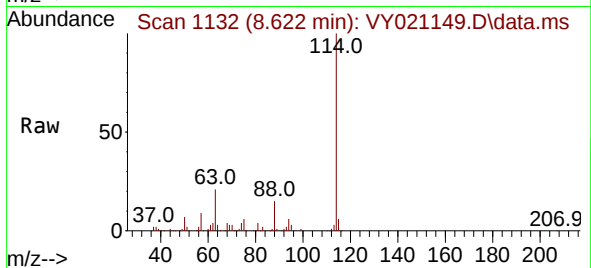
Tgt Ion:114 Resp: 329638

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.135 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021149.D

Acq: 10 Feb 2025 10:14

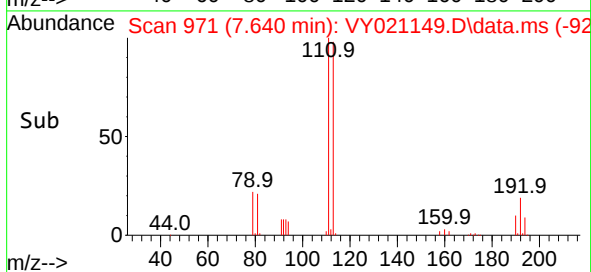
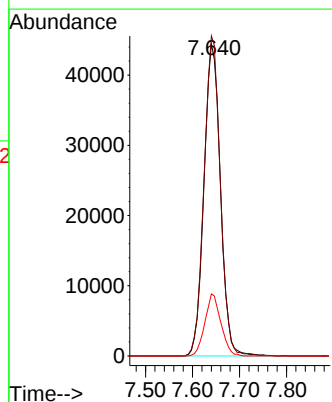
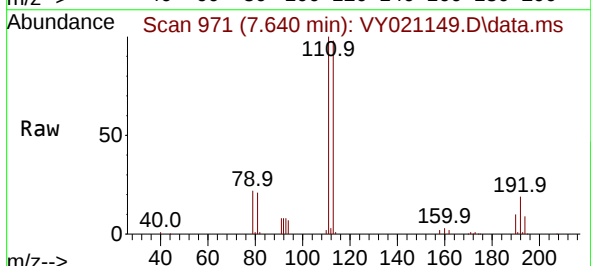
Tgt Ion:113 Resp: 108025

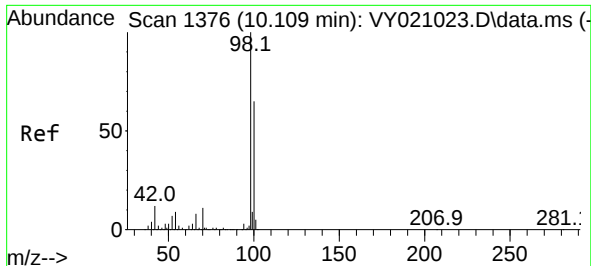
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 19.3 14.5 21.7

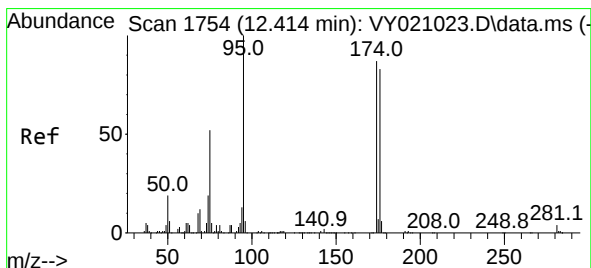
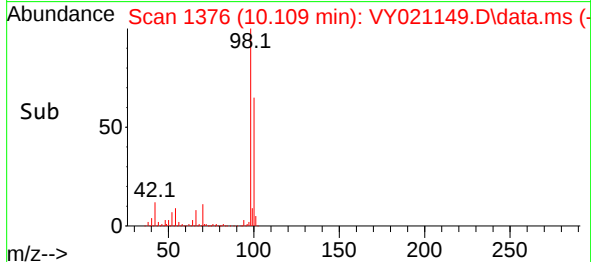
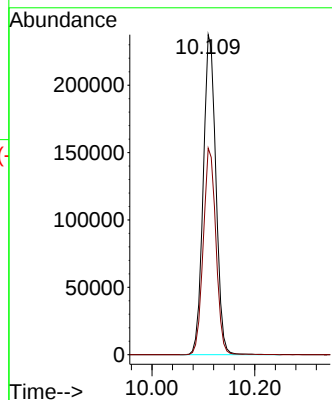
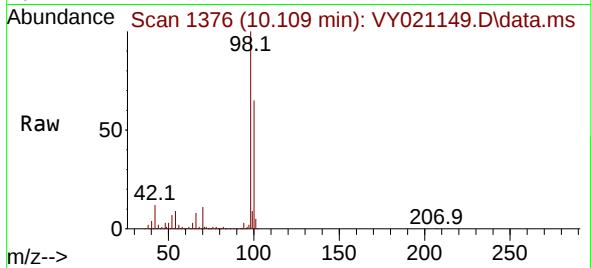




#50
Toluene-d8
Concen: 50.399 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

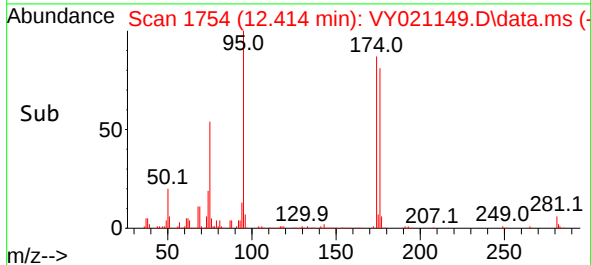
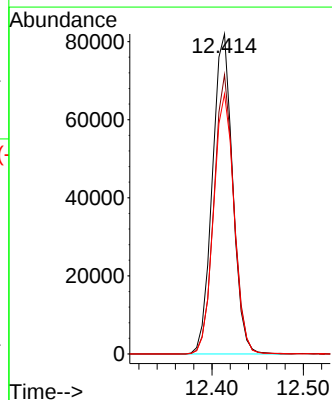
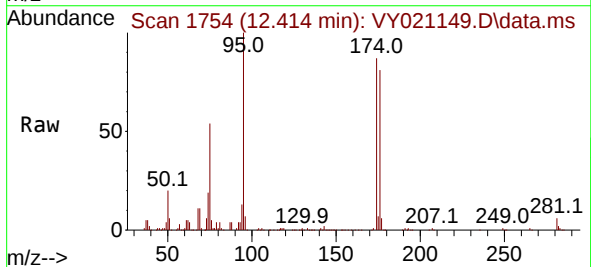
Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBL01

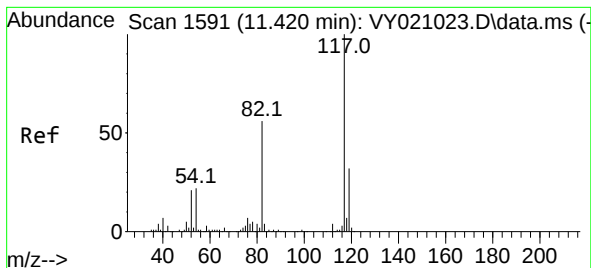
Tgt Ion: 98 Resp: 405340
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

Tgt Ion: 95 Resp: 125892
Ion Ratio Lower Upper
95 100
174 85.8 0.0 160.0
176 82.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021149.D

Acq: 10 Feb 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBL01

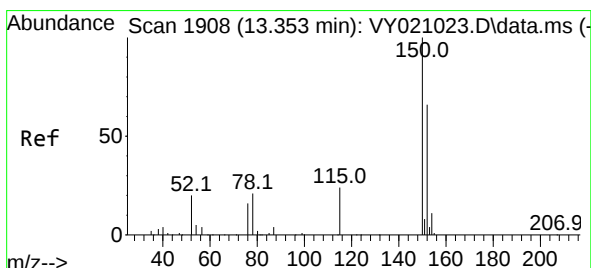
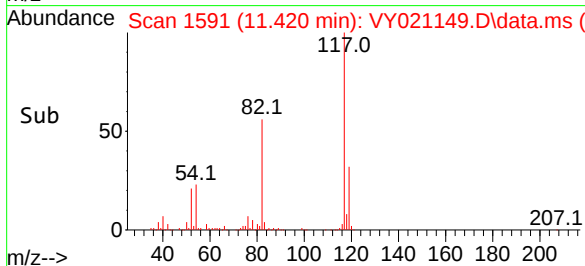
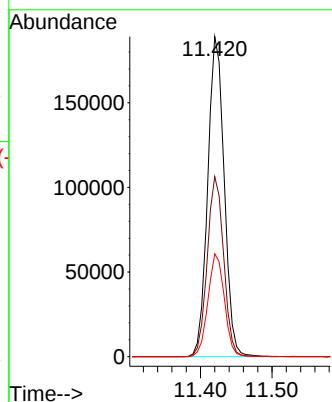
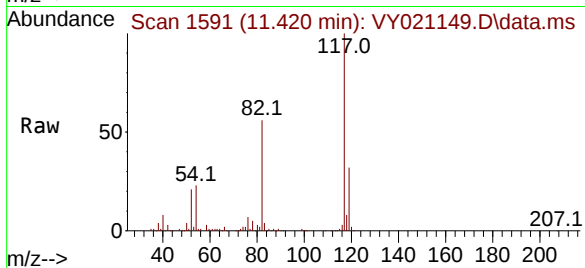
Tgt Ion:117 Resp: 302548

Ion Ratio Lower Upper

117 100

82 56.2 43.8 65.8

119 32.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021149.D

Acq: 10 Feb 2025 10:14

Tgt Ion:152 Resp: 115233

Ion Ratio Lower Upper

152 100

115 57.9 30.0 90.0

150 157.4 0.0 344.6

