

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021103.D
 Acq On : 06 Feb 2025 10:14
 Operator : SY/MD
 Sample : VY0206SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBL01

Quant Time: Feb 07 02:26:55 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	226901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	361994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	303137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	136512	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	122644	52.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.520%
35) Dibromofluoromethane	7.646	113	117870	50.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.620%
50) Toluene-d8	10.115	98	429675	48.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.414	95	139929	48.496	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.000%

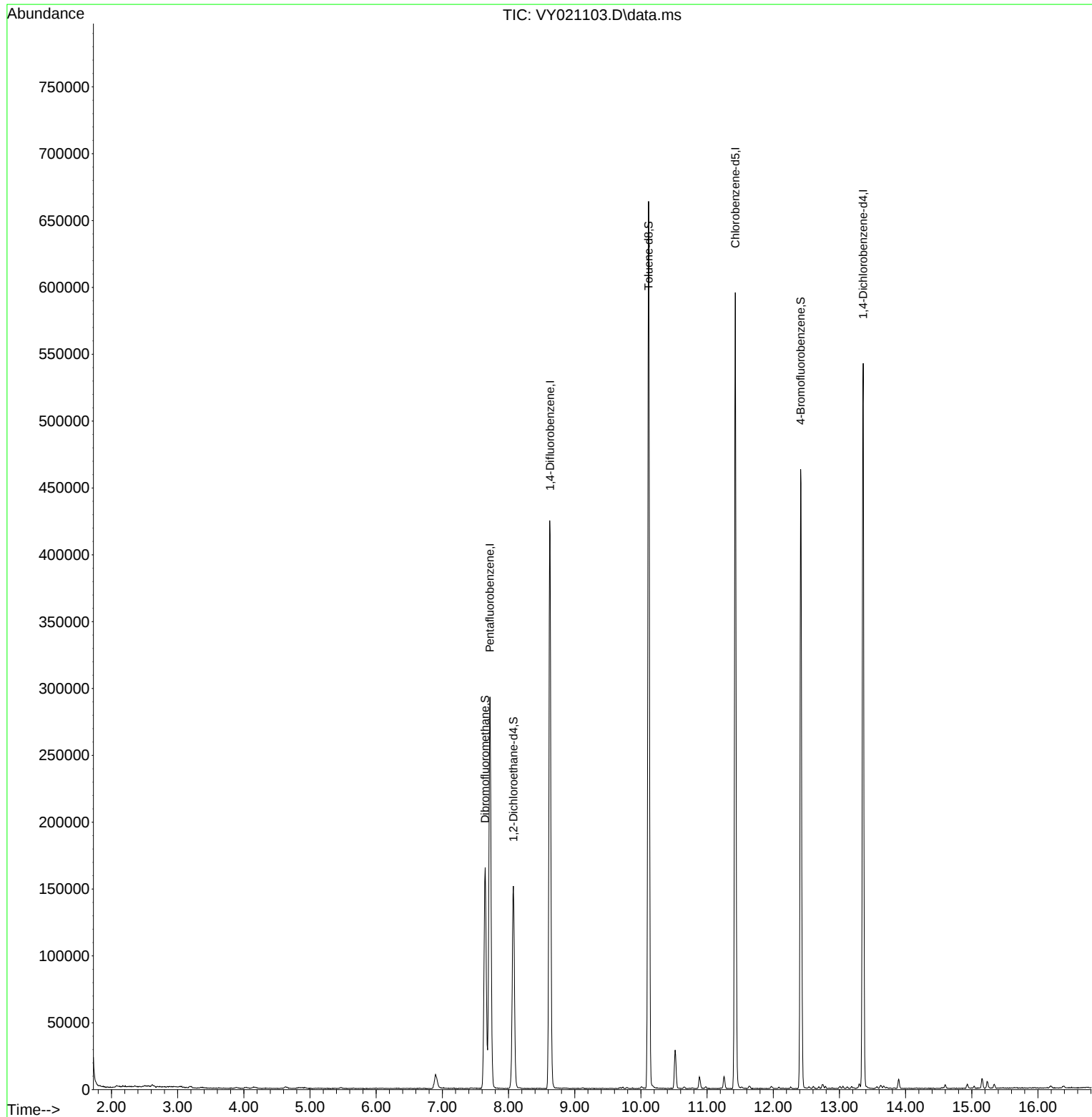
Target Compounds	Qvalue

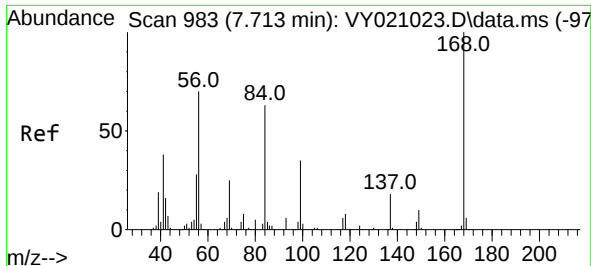
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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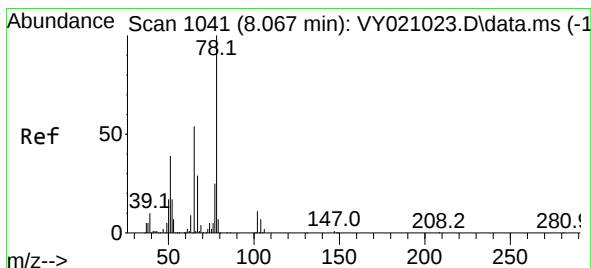
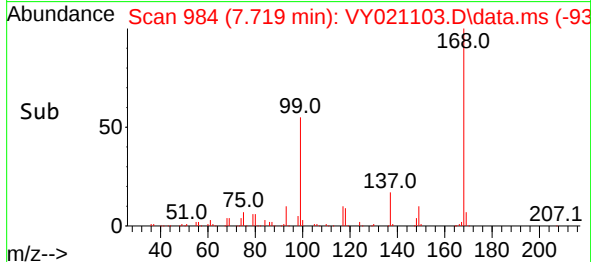
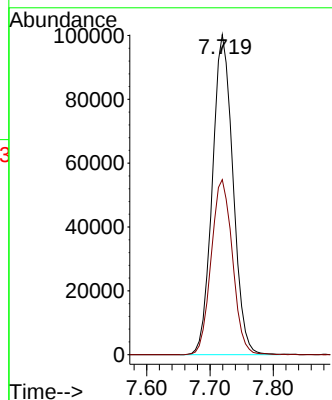
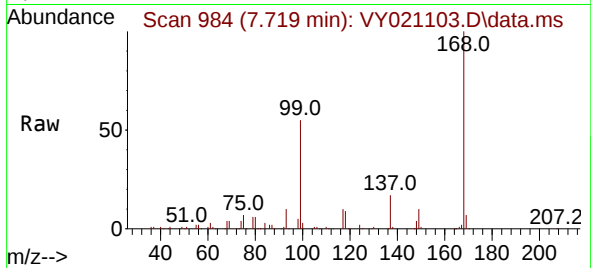




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021103.D
Acq: 06 Feb 2025 10:14

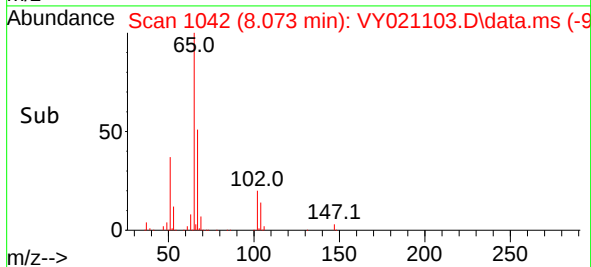
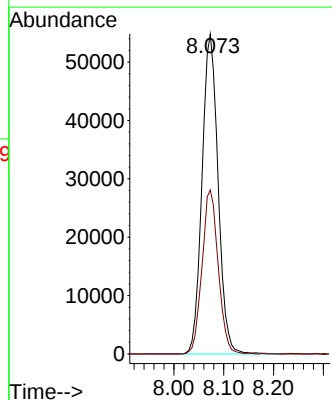
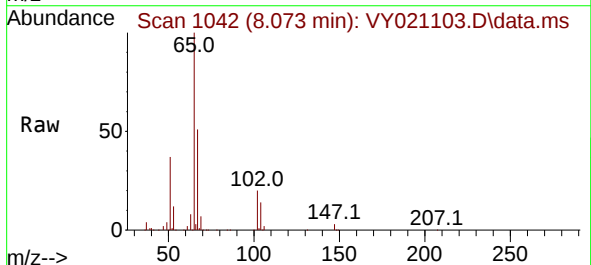
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBL01

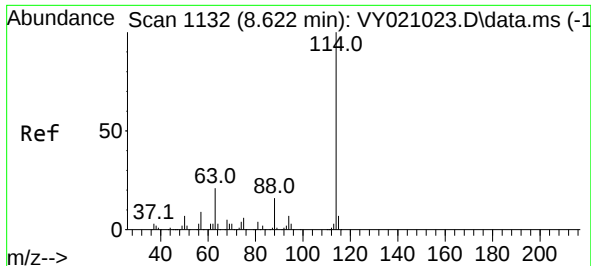
Tgt Ion:168 Resp: 226901
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.755 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021103.D
Acq: 06 Feb 2025 10:14

Tgt Ion: 65 Resp: 122644
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY021103.D

Acq: 06 Feb 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBL01

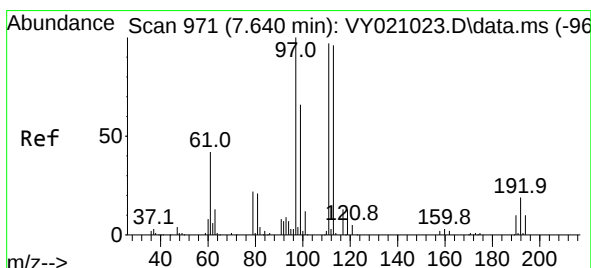
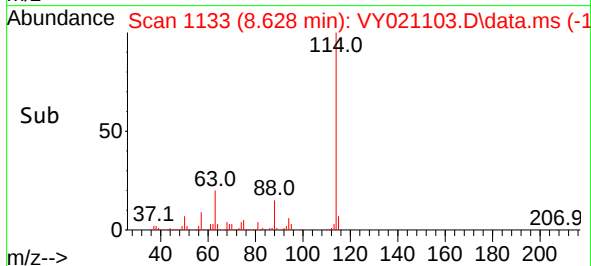
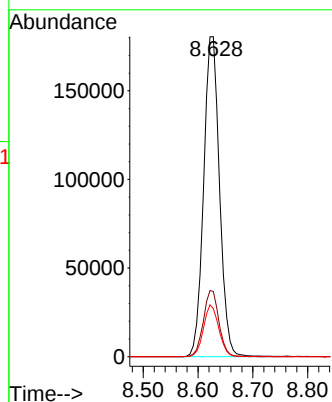
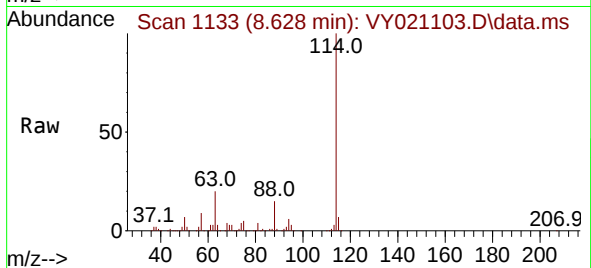
Tgt Ion:114 Resp: 361994

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.808 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021103.D

Acq: 06 Feb 2025 10:14

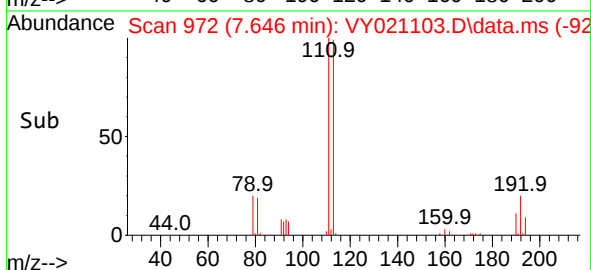
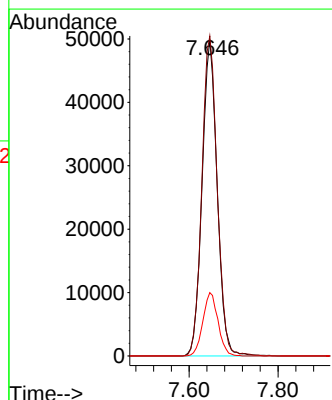
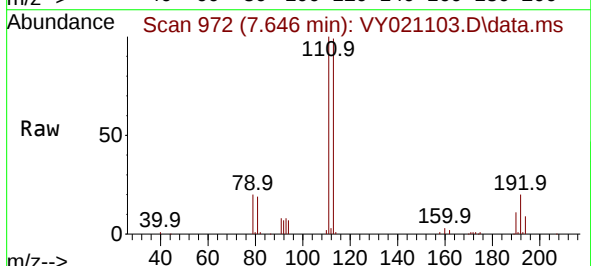
Tgt Ion:113 Resp: 117870

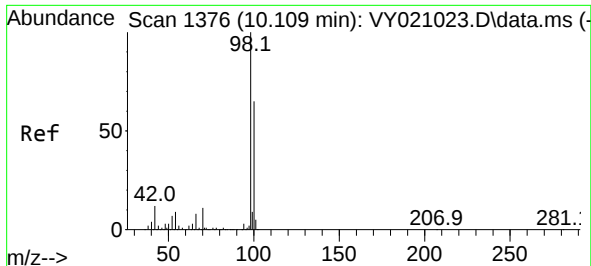
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 20.1 14.5 21.7

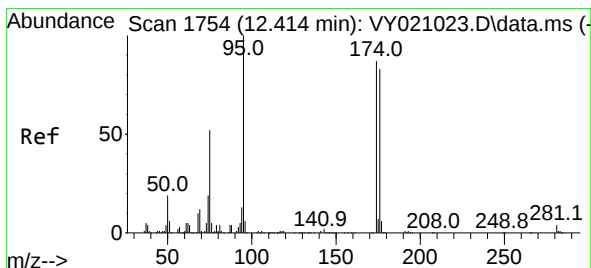
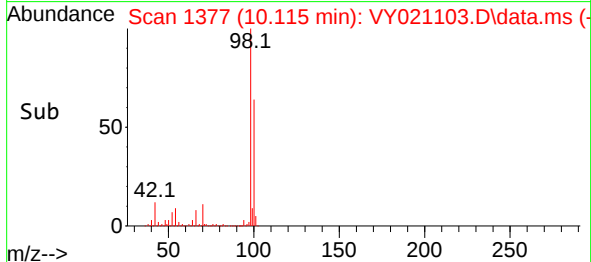
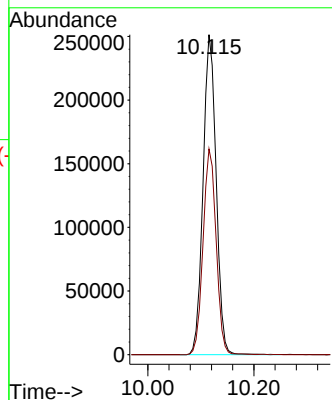
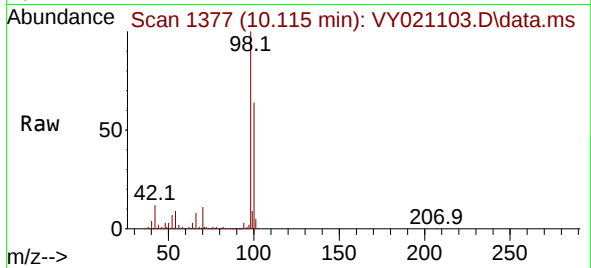




#50
Toluene-d8
Concen: 48.650 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021103.D
Acq: 06 Feb 2025 10:14

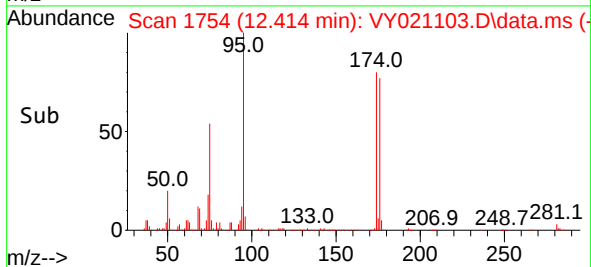
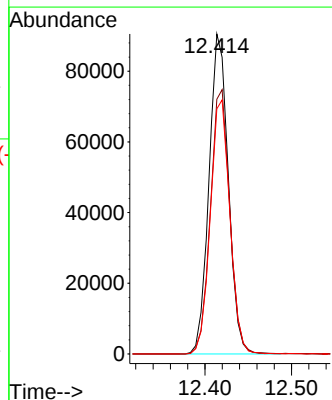
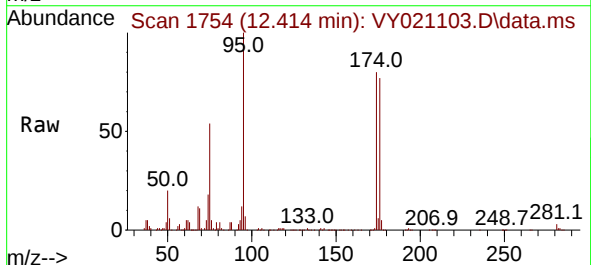
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBL01

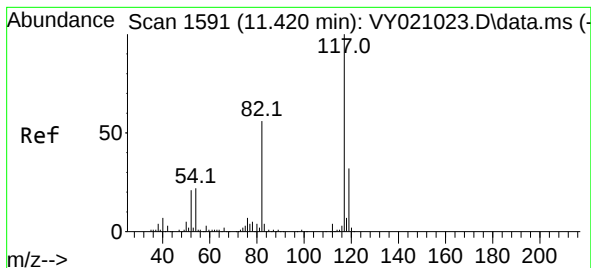
Tgt Ion: 98 Resp: 429675
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.496 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021103.D
Acq: 06 Feb 2025 10:14

Tgt Ion: 95 Resp: 139929
Ion Ratio Lower Upper
95 100
174 83.2 0.0 160.0
176 80.5 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: VY021103.D

Acq: 06 Feb 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBL01

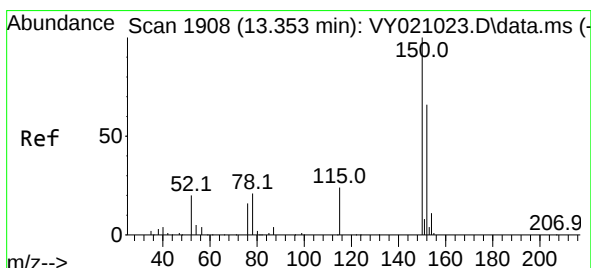
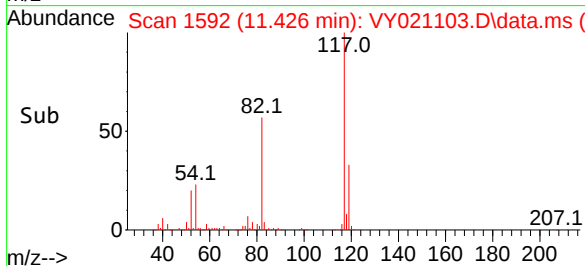
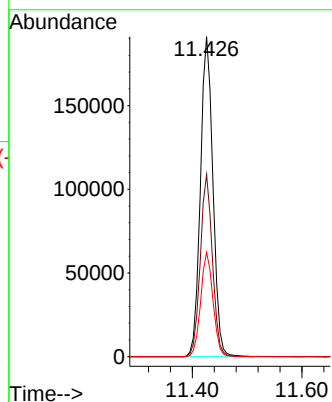
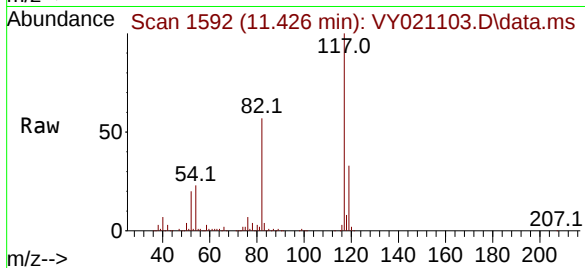
Tgt Ion:117 Resp: 303137

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021103.D

Acq: 06 Feb 2025 10:14

Tgt Ion:152 Resp: 136512

Ion Ratio Lower Upper

152 100

115 57.9 30.0 90.0

150 158.3 0.0 344.6

