

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021165.D
 Acq On : 11 Feb 2025 11:03
 Operator : SY/MD
 Sample : VY0211SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBL01

Quant Time: Feb 12 01:00:04 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	180384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	329467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	293210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	106897	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	103796	56.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.320%
35) Dibromofluoromethane	7.640	113	106176	50.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.580%
50) Toluene-d8	10.115	98	398079	49.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.414	95	122591	46.682	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.360%

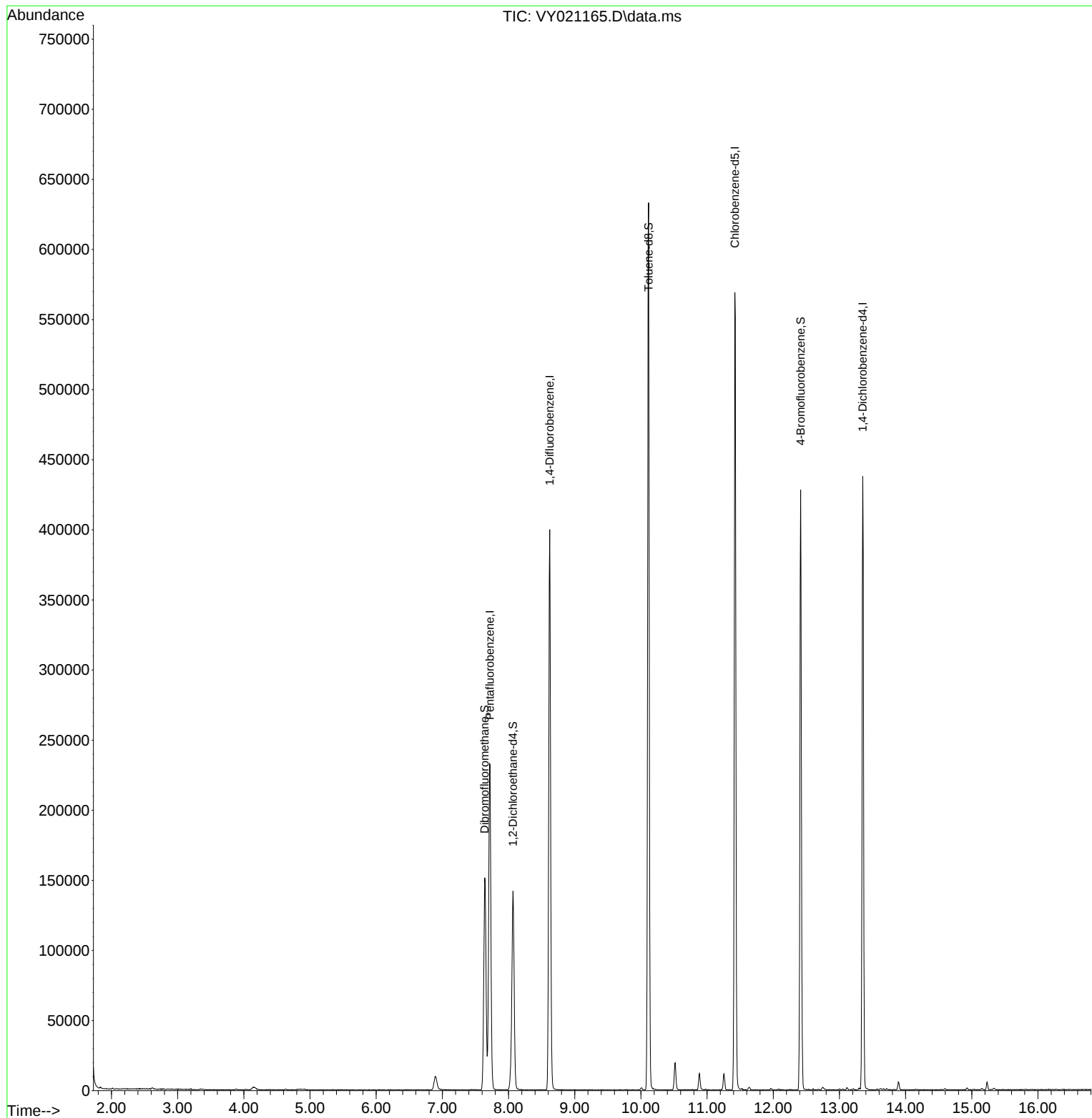
Target Compounds	Qvalue

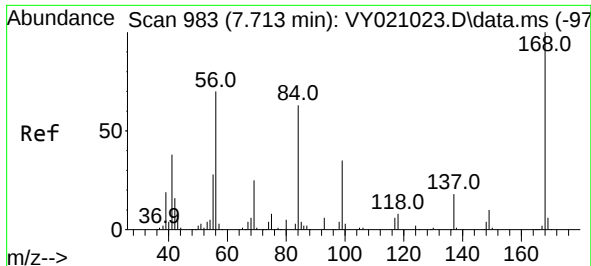
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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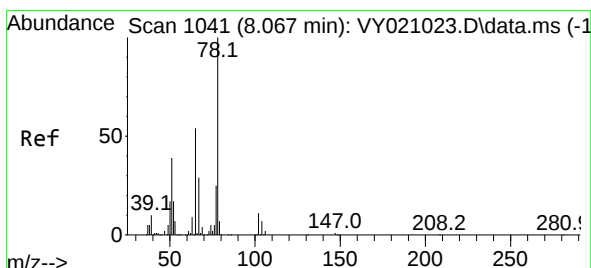
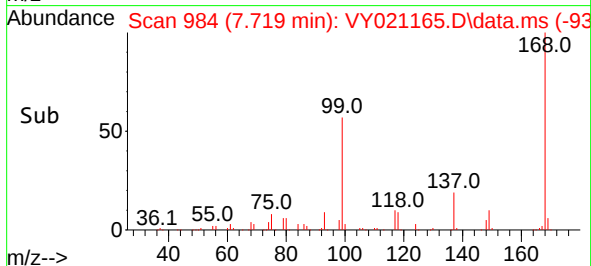
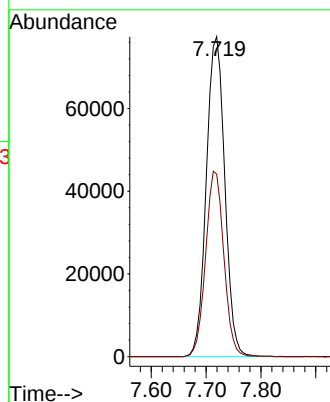
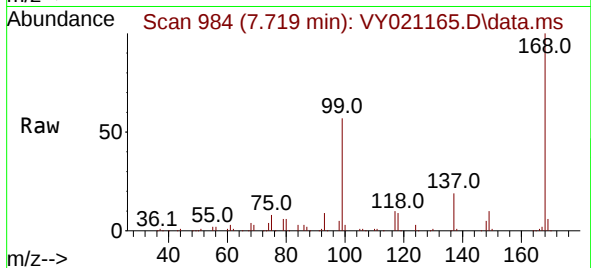




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY021165.D
Acq: 11 Feb 2025 11:03

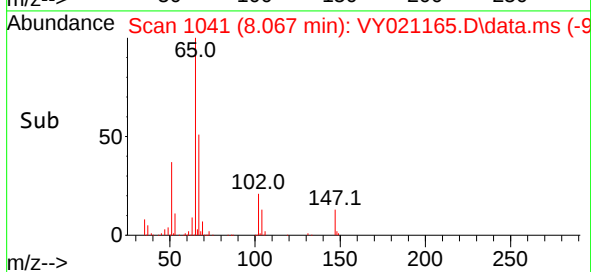
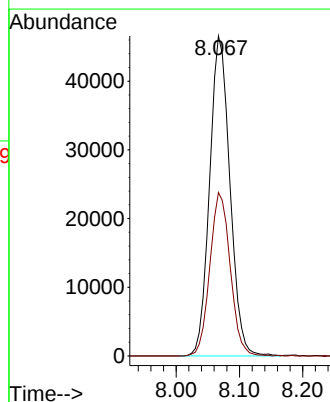
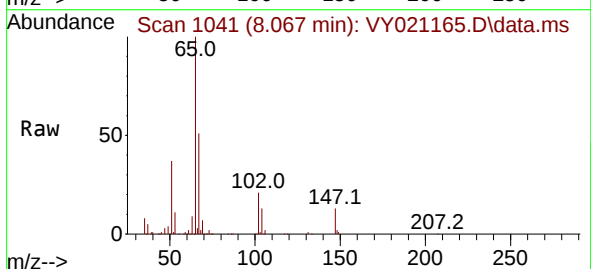
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBL01

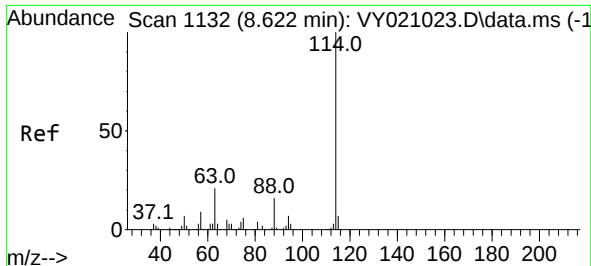
Tgt Ion:168 Resp: 180384
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.161 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021165.D
Acq: 11 Feb 2025 11:03

Tgt Ion: 65 Resp: 103796
Ion Ratio Lower Upper
65 100
67 51.2 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: VY021165.D

Acq: 11 Feb 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBL01

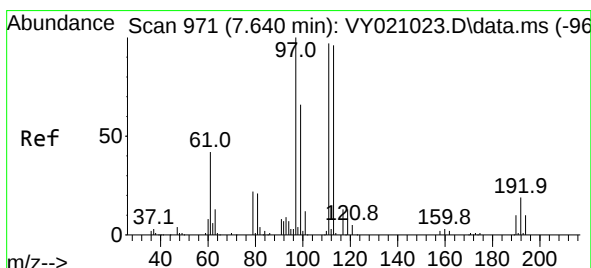
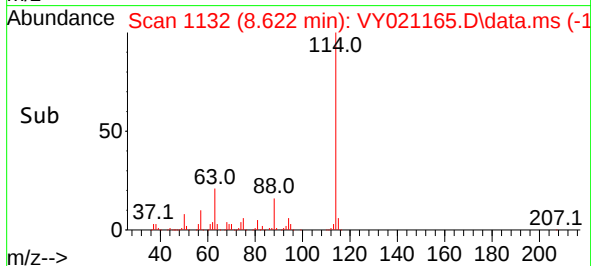
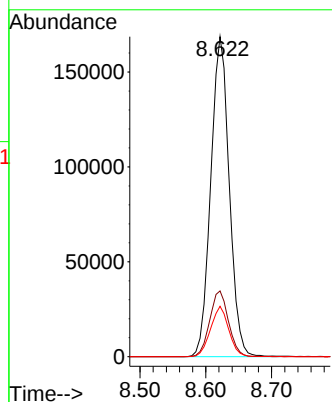
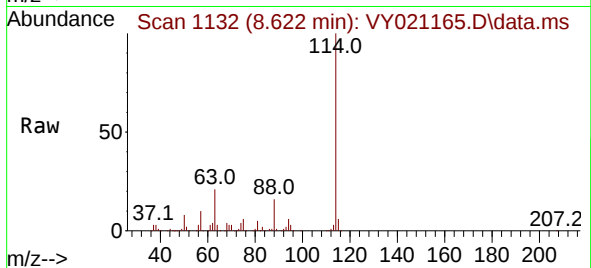
Tgt Ion:114 Resp: 329467

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.286 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021165.D

Acq: 11 Feb 2025 11:03

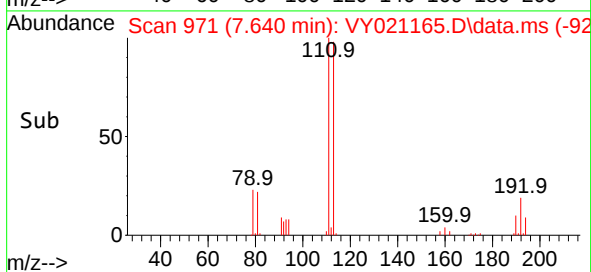
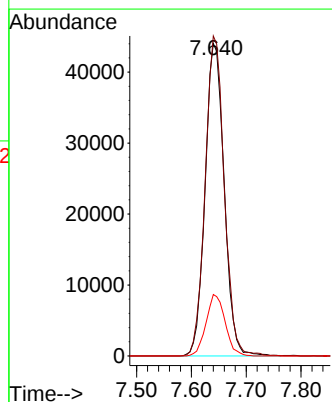
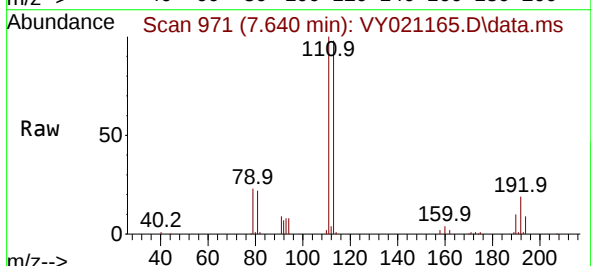
Tgt Ion:113 Resp: 106176

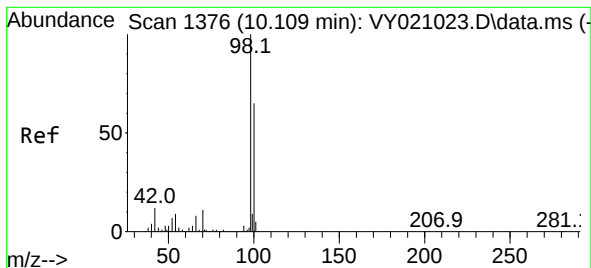
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 19.7 14.5 21.7

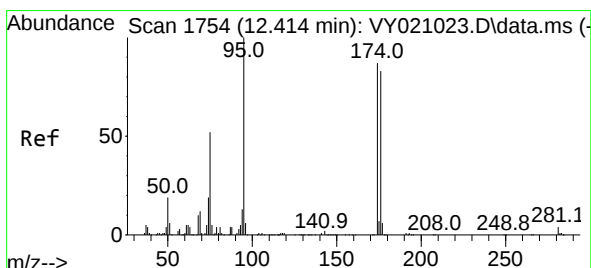
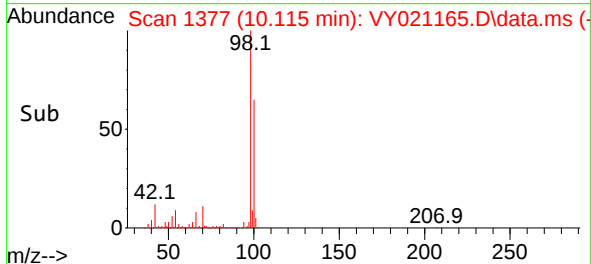
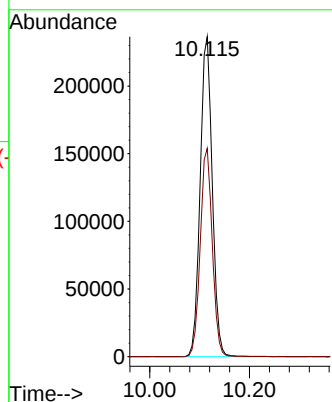
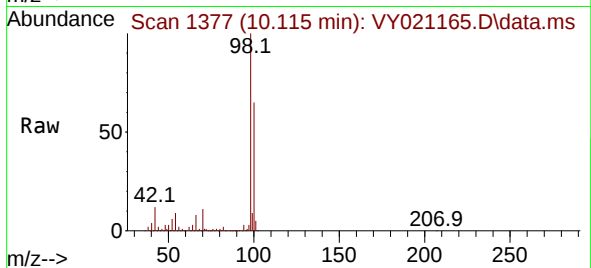




#50
Toluene-d8
Concen: 49.522 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021165.D
Acq: 11 Feb 2025 11:03

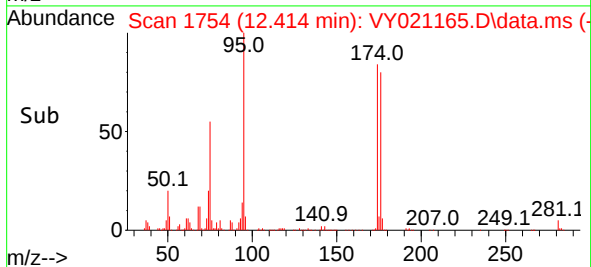
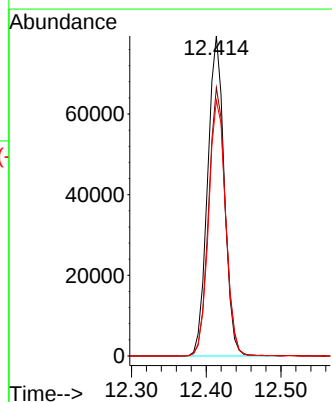
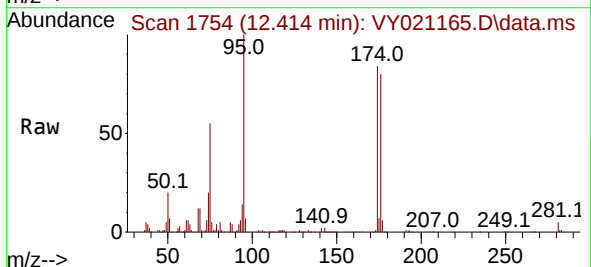
Instrument :
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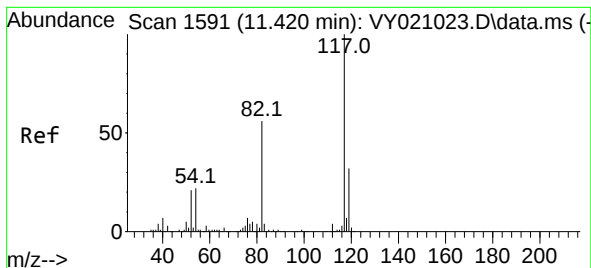
Tgt Ion: 98 Resp: 398079
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.682 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021165.D
Acq: 11 Feb 2025 11:03

Tgt Ion: 95 Resp: 122591
Ion Ratio Lower Upper
95 100
174 84.7 0.0 160.0
176 81.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021165.D

Acq: 11 Feb 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBL01

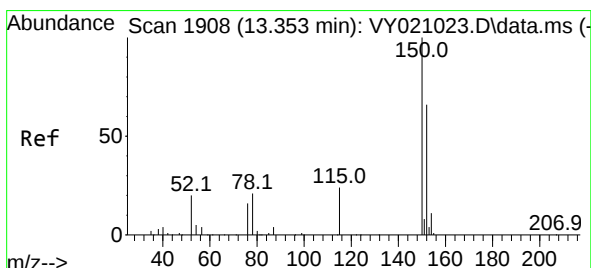
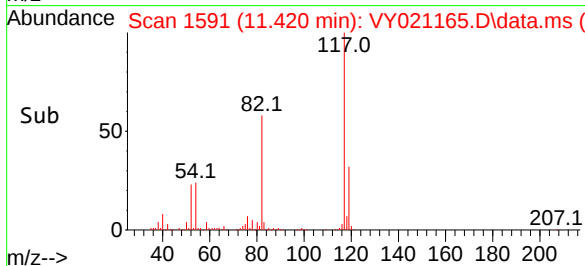
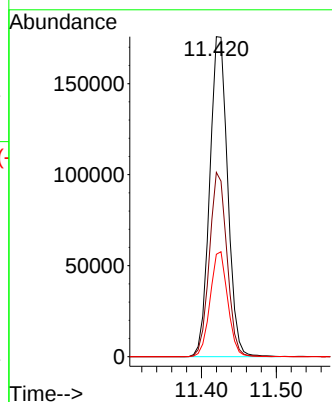
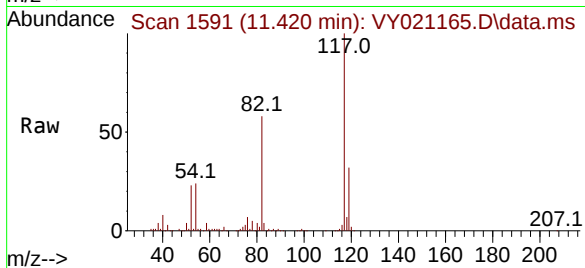
Tgt Ion:117 Resp: 293210

Ion Ratio Lower Upper

117 100

82 57.6 43.8 65.8

119 32.0 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: VY021165.D

Acq: 11 Feb 2025 11:03

Tgt Ion:152 Resp: 106897

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 156.9 0.0 344.6

