

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021168.D
 Acq On : 11 Feb 2025 12:21
 Operator : SY/MD
 Sample : Q1341-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HAR-ROLLOFFS

Quant Time: Feb 12 01:02:15 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	165178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	308086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	282384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	105411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	96494	57.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.040%
35) Dibromofluoromethane	7.646	113	99236	50.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.115	98	376382	50.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.414	95	115984	47.231	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.460%

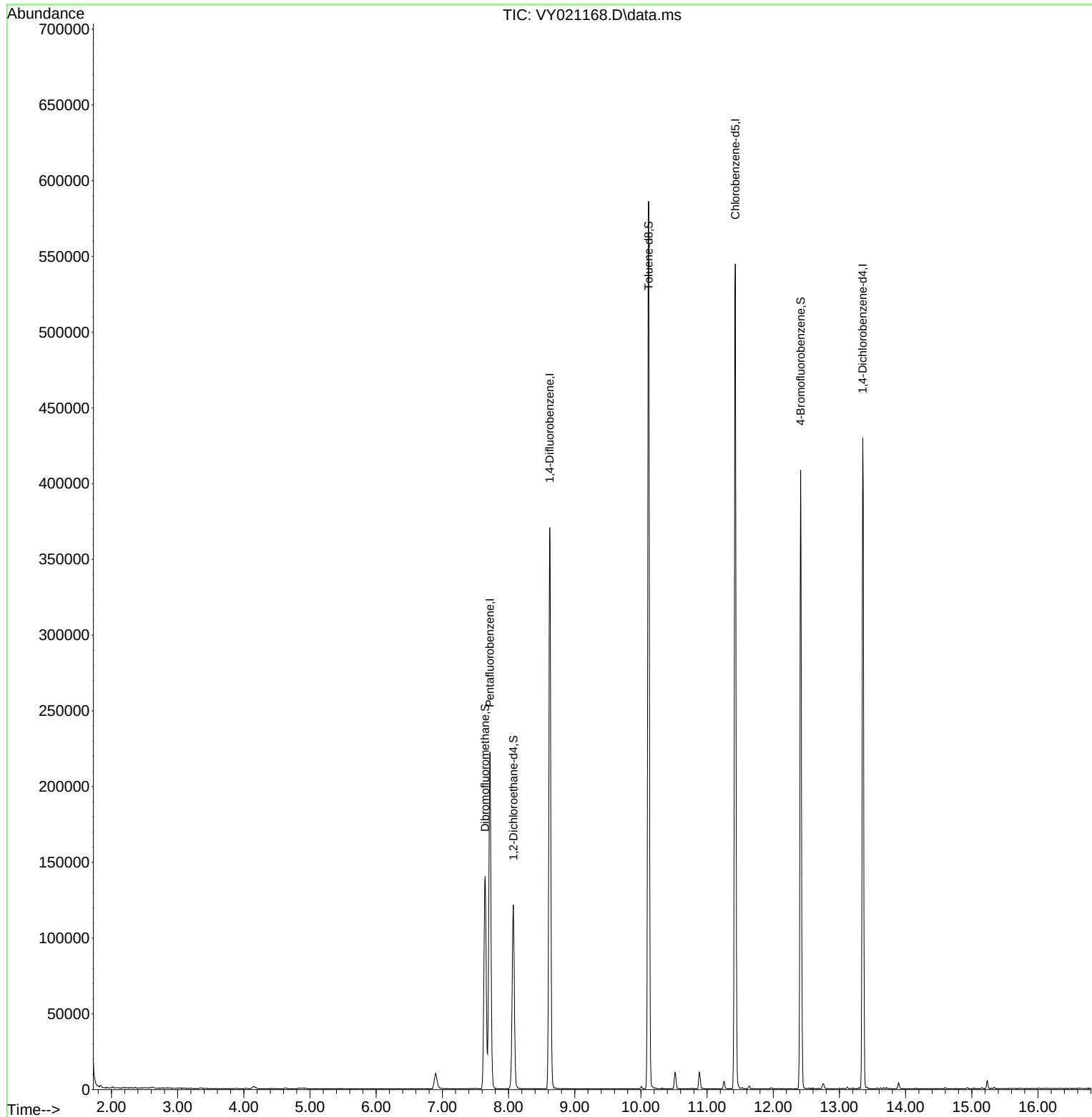
Target Compounds	Qvalue

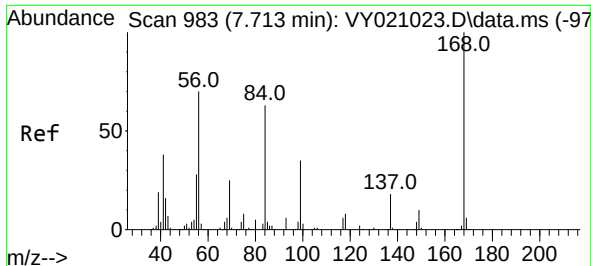
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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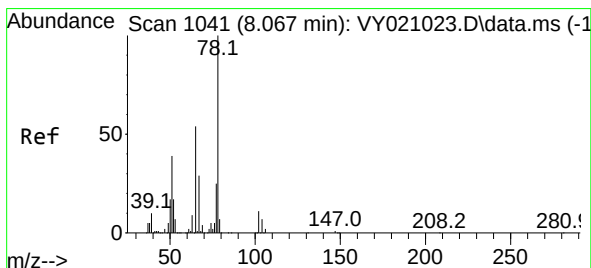
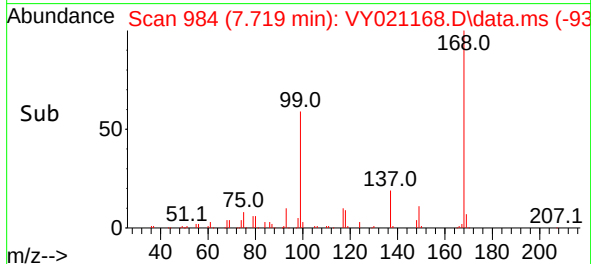
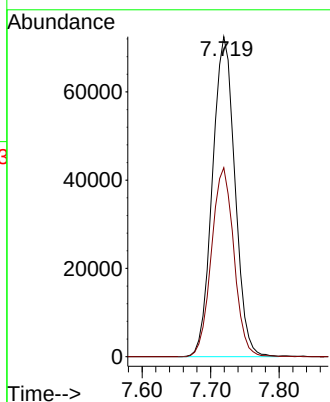
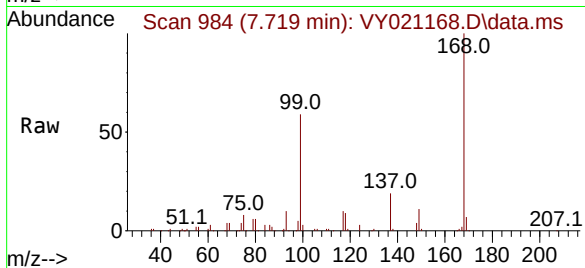




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

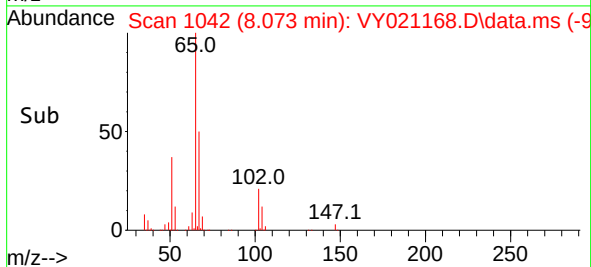
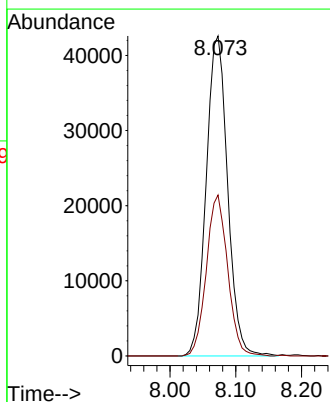
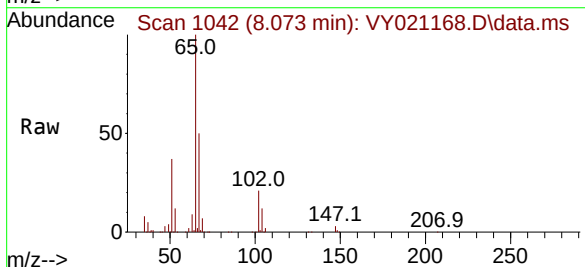
Instrument :
MSVOA_Y
ClientSampleId :
HAR-ROLLOFFS

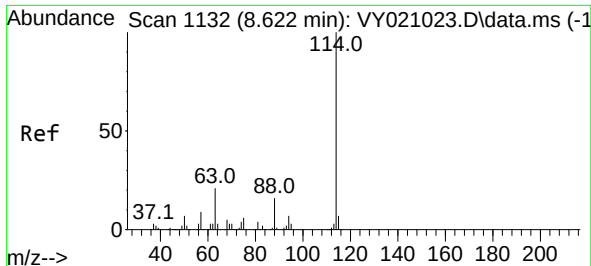
Tgt Ion:168 Resp: 165178
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 57.017 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

Tgt Ion: 65 Resp: 96494
Ion Ratio Lower Upper
65 100
67 50.0 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: VY021168.D

Acq: 11 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

HAR-ROLLOFFS

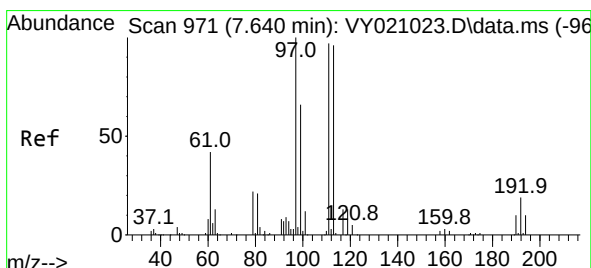
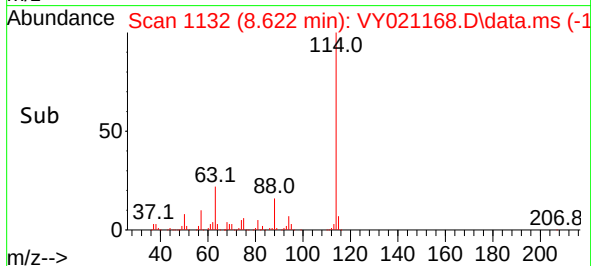
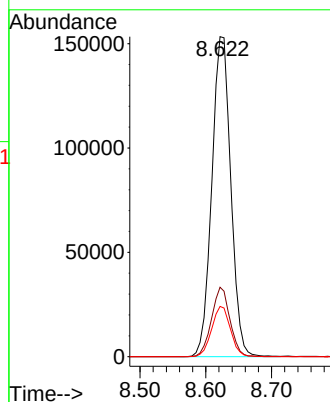
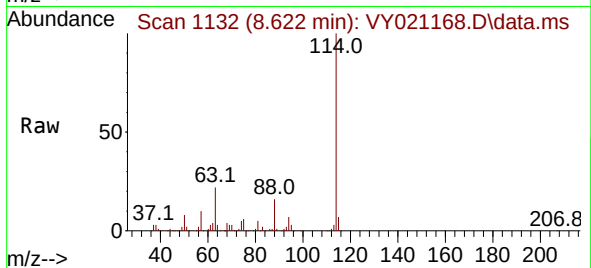
Tgt Ion:114 Resp: 308086

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

88 15.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.261 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021168.D

Acq: 11 Feb 2025 12:21

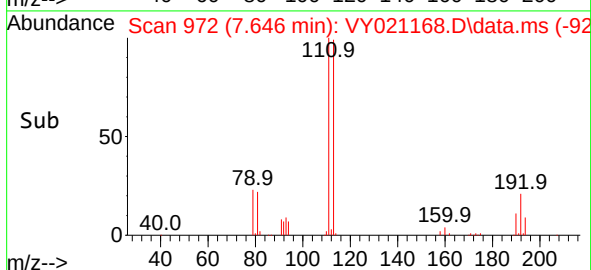
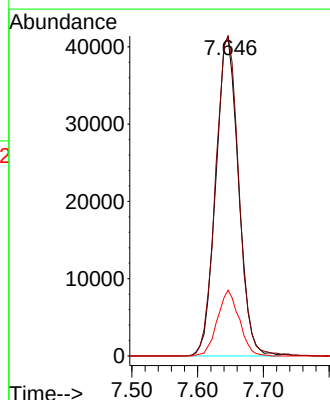
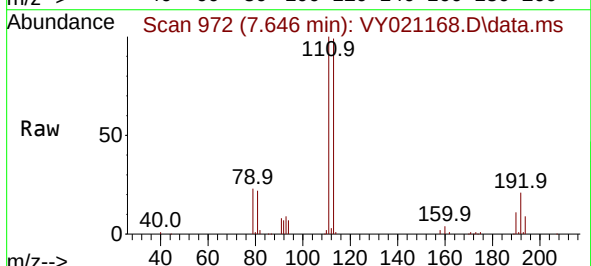
Tgt Ion:113 Resp: 99236

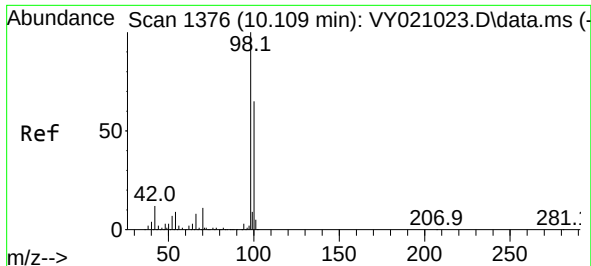
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 19.8 14.5 21.7

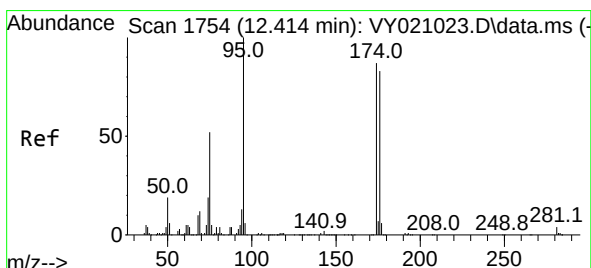
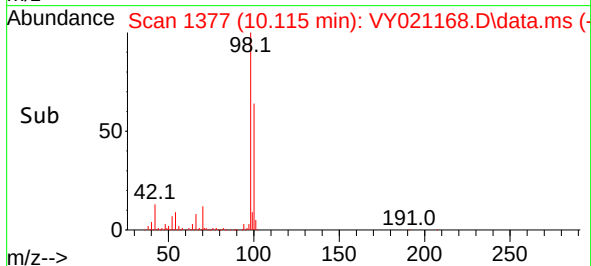
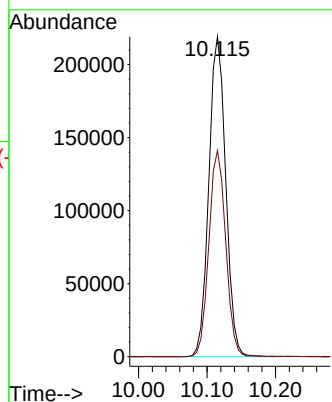
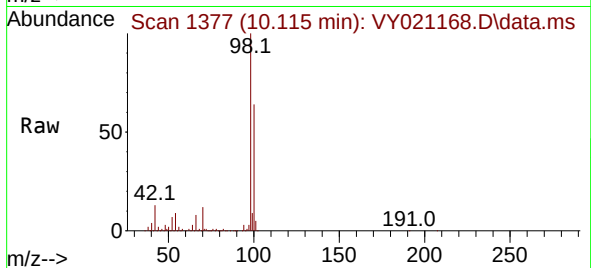




#50
Toluene-d8
Concen: 50.072 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

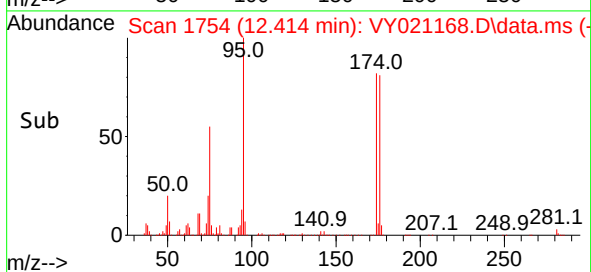
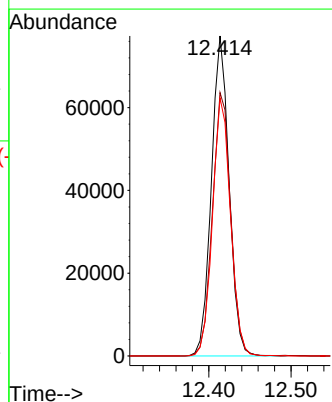
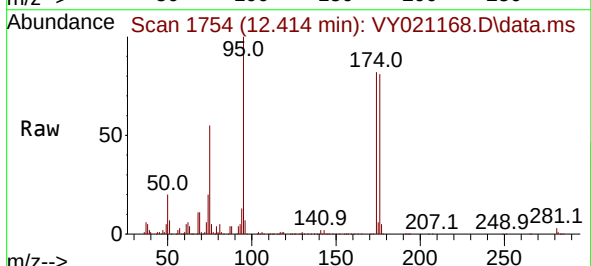
Instrument :
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HAR-ROLLOFFS

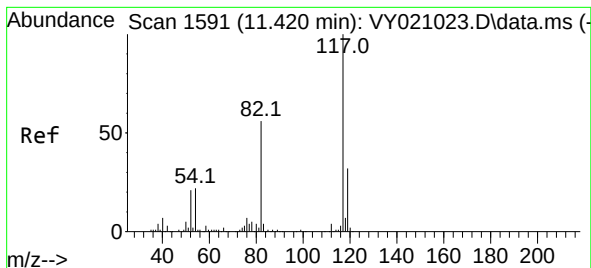
Tgt Ion: 98 Resp: 376382
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.231 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

Tgt Ion: 95 Resp: 115984
Ion Ratio Lower Upper
95 100
174 85.0 0.0 160.0
176 82.0 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: VY021168.D

Acq: 11 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

HAR-ROLLOFFS

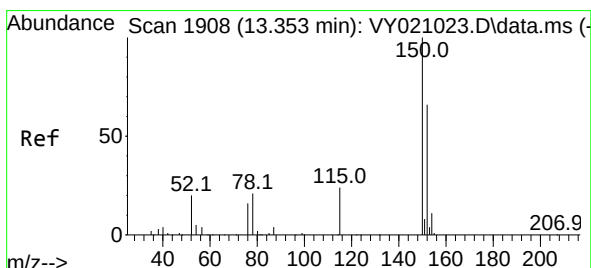
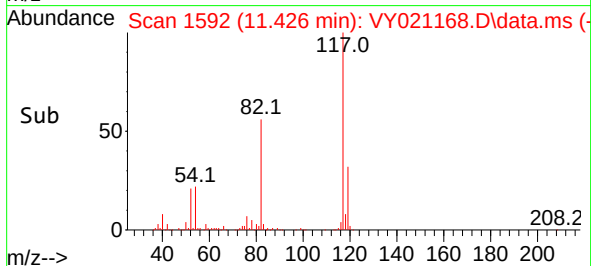
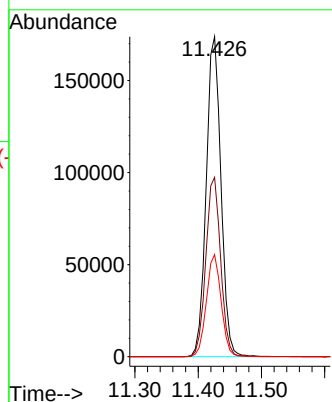
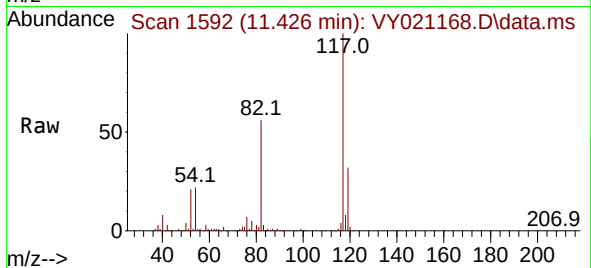
Tgt Ion:117 Resp: 282384

Ion Ratio Lower Upper

117 100

82 56.1 43.8 65.8

119 31.9 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: VY021168.D

Acq: 11 Feb 2025 12:21

Tgt Ion:152 Resp: 105411

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 156.6 0.0 344.6

