

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021207.D
 Acq On : 14 Feb 2025 13:26
 Operator : SY/MD
 Sample : Q1365-06
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 348

Quant Time: Feb 14 22:19:30 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	23781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	34552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	25174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	6043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	10095	41.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.860%
35) Dibromofluoromethane	7.640	113	11458	51.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.480%
50) Toluene-d8	10.109	98	39312	46.633	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.260%
62) 4-Bromofluorobenzene	12.408	95	8214	29.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.640%

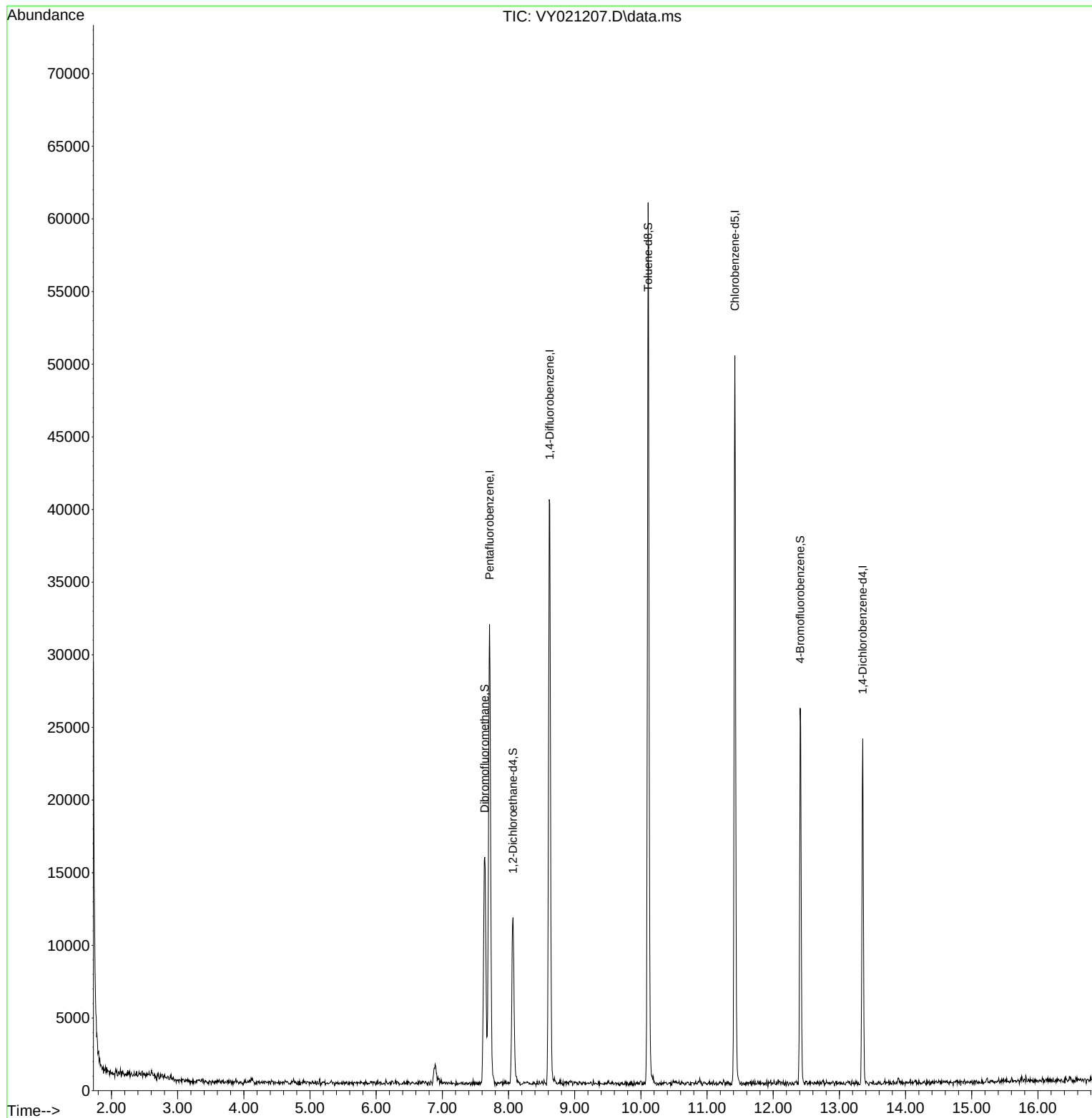
Target Compounds	Qvalue

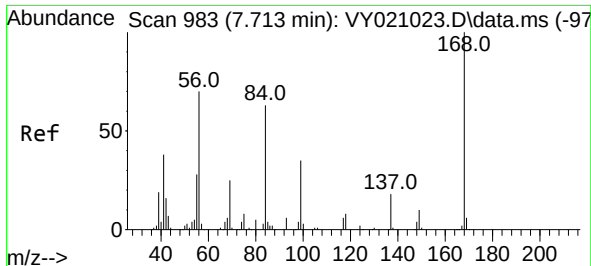
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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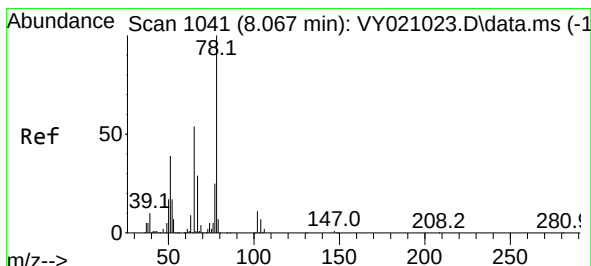
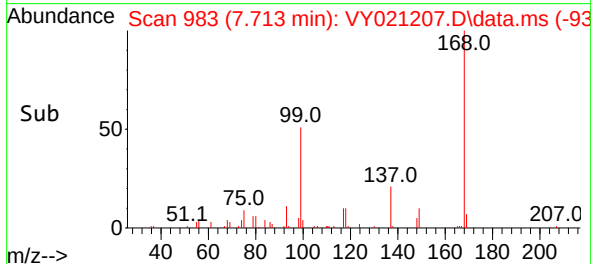
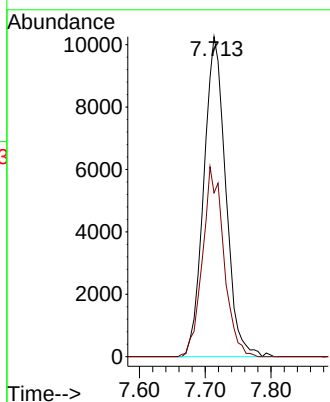
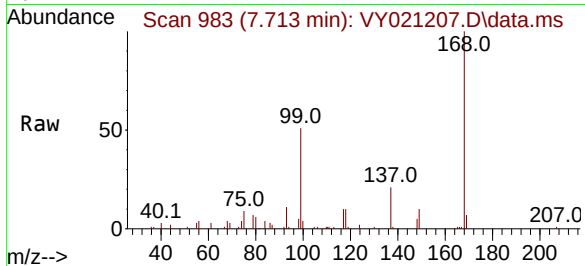




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26

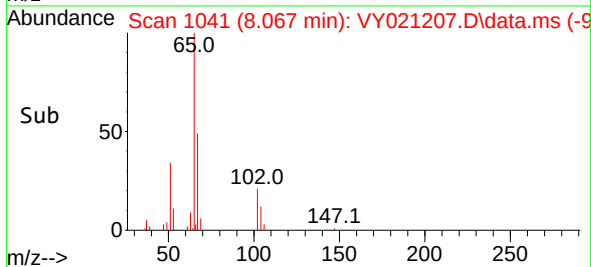
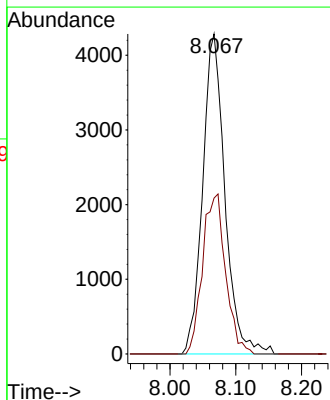
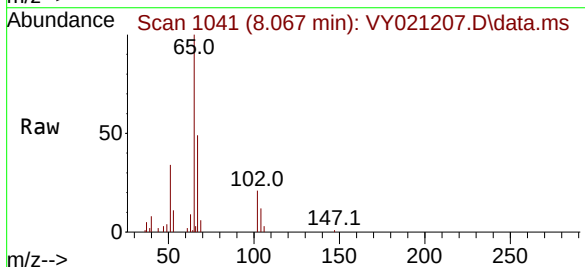
Instrument :
MSVOA_Y
ClientSampleId :
348

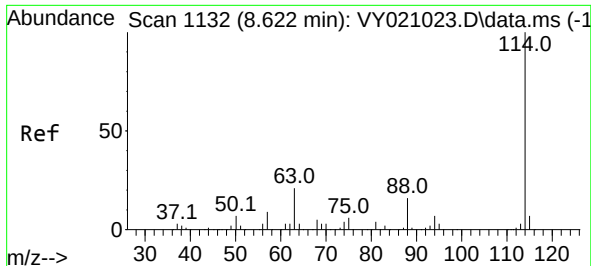
Tgt Ion:168 Resp: 23781
Ion Ratio Lower Upper
168 100
99 51.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 41.431 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26

Tgt Ion: 65 Resp: 10095
Ion Ratio Lower Upper
65 100
67 51.7 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: VY021207.D

Acq: 14 Feb 2025 13:26

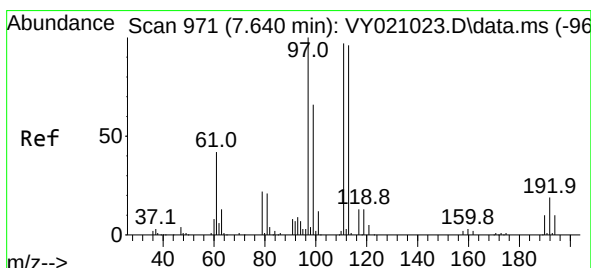
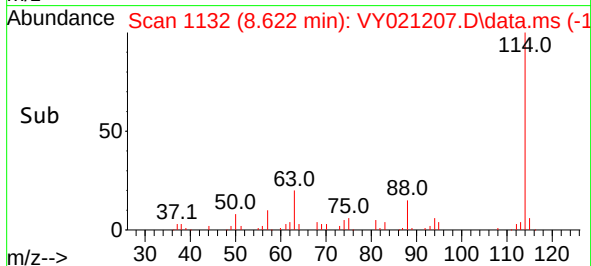
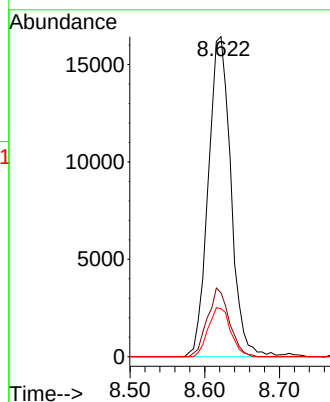
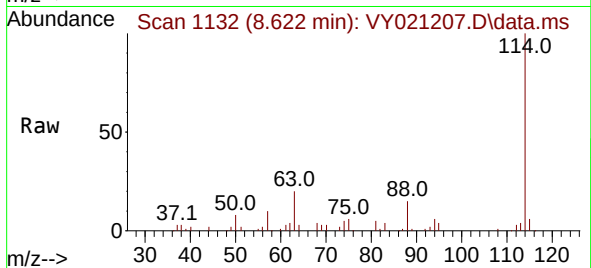
Instrument :

MSVOA_Y

ClientSampleId :

348

Tgt Ion:114	Resp:	34552
Ion Ratio	Lower	Upper
114	100	
63	20.0	0.0 37.4
88	15.0	0.0 29.0



#35

Dibromofluoromethane

Concen: 51.745 ug/l

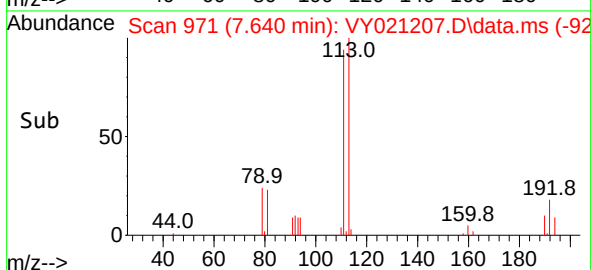
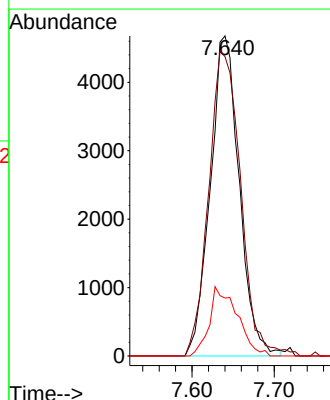
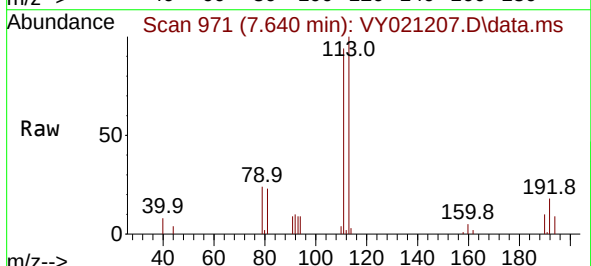
RT: 7.640 min Scan# 971

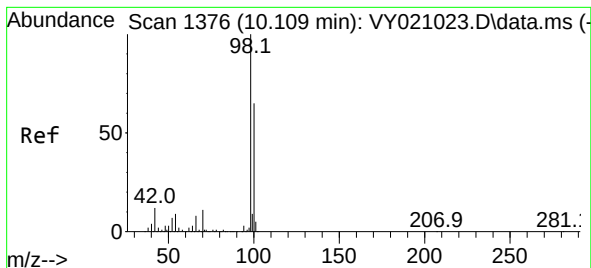
Delta R.T. -0.000 min

Lab File: VY021207.D

Acq: 14 Feb 2025 13:26

Tgt Ion:113	Resp:	11458
Ion Ratio	Lower	Upper
113	100	
111	104.7	83.8 125.6
192	20.9	14.5 21.7

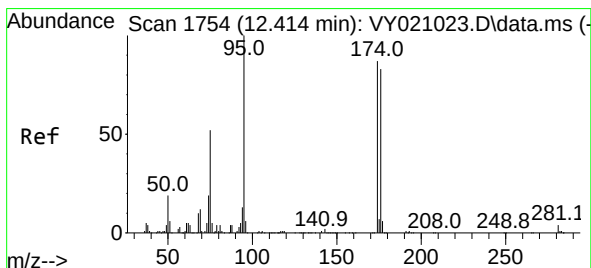
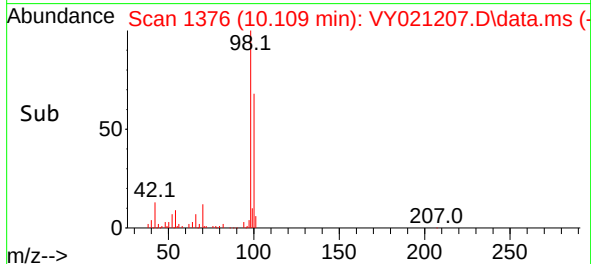
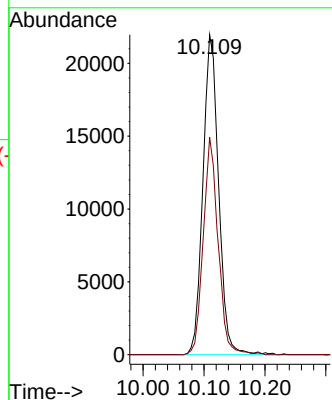
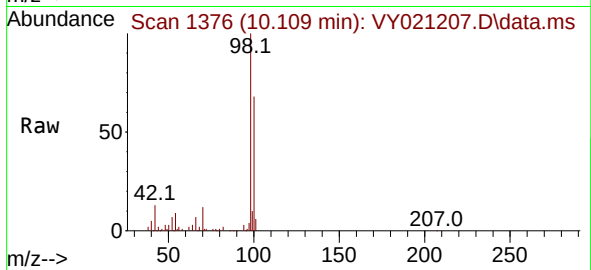




#50
Toluene-d8
Concen: 46.633 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26

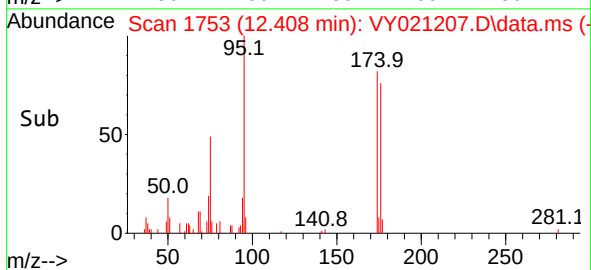
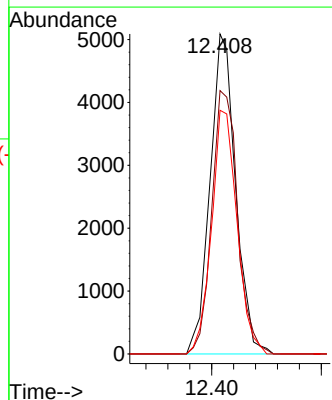
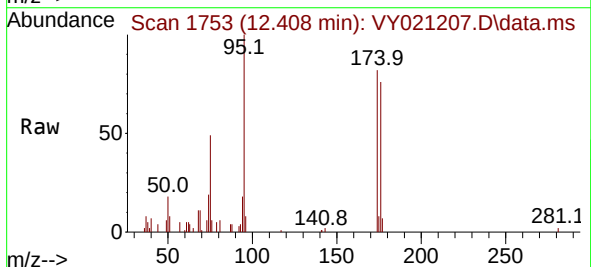
Instrument :
MSVOA_Y
ClientSampleId :
348

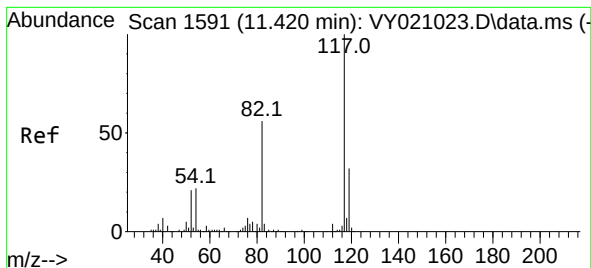
Tgt Ion: 98 Resp: 39312
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 29.825 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26

Tgt Ion: 95 Resp: 8214
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.0
176 76.2 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: VY021207.D

Acq: 14 Feb 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

348

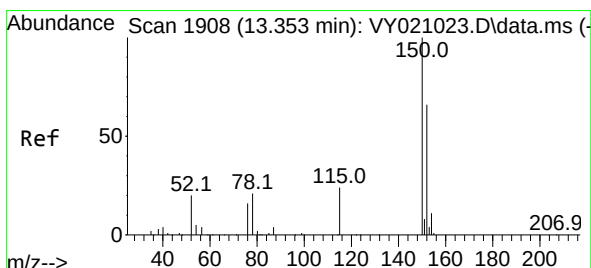
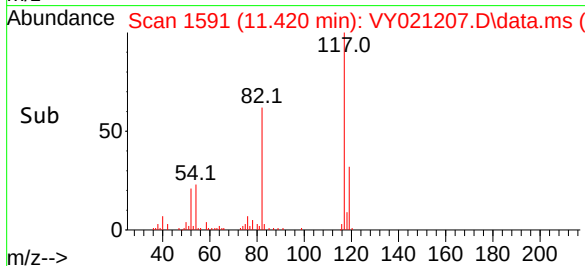
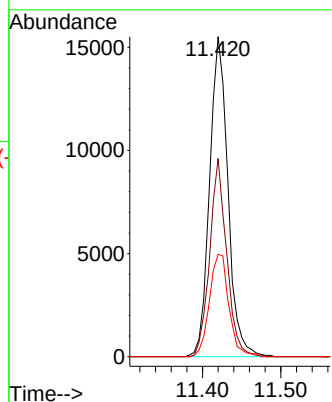
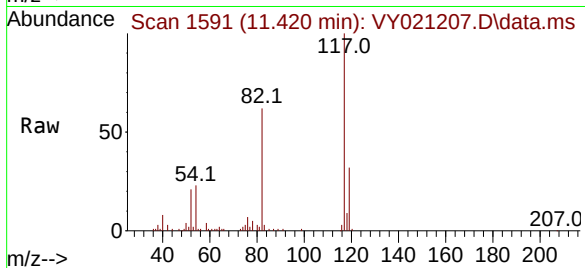
Tgt Ion:117 Resp: 25174

Ion Ratio Lower Upper

117 100

82 61.9 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: VY021207.D

Acq: 14 Feb 2025 13:26

Tgt Ion:152 Resp: 6043

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 154.8 0.0 344.6

