

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021096.D
 Acq On : 05 Feb 2025 18:08
 Operator : SY/MD
 Sample : Q1285-01
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11977

Quant Time: Feb 06 00:57:41 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	268749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	479934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	443853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	198783	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	138105	50.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.320%
35) Dibromofluoromethane	7.634	113	149287	48.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.109	98	583310	49.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.408	95	200357	52.375	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.740%

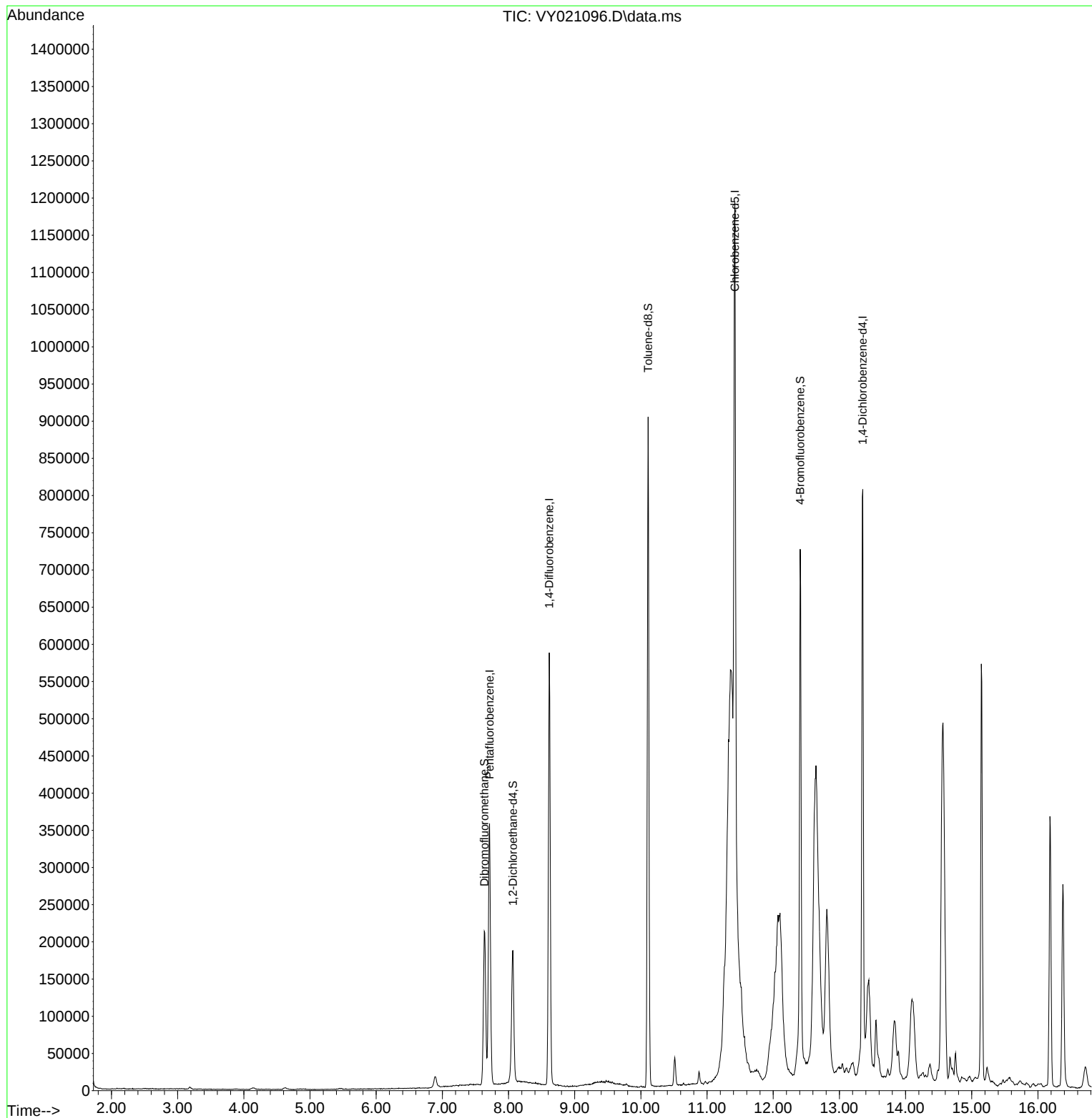
Target Compounds	Qvalue

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

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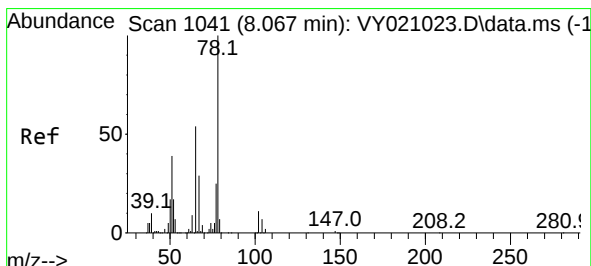
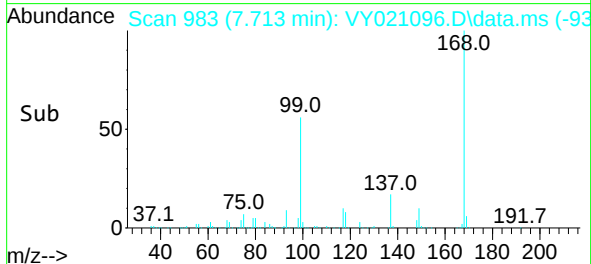
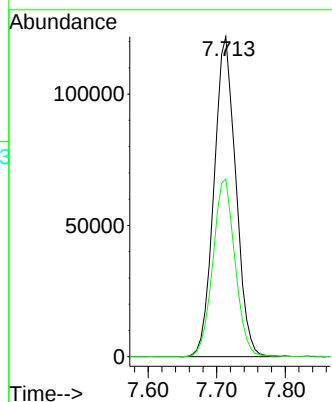
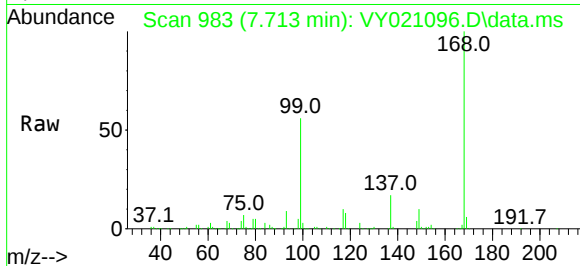




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021096.D
Acq: 05 Feb 2025 18:08

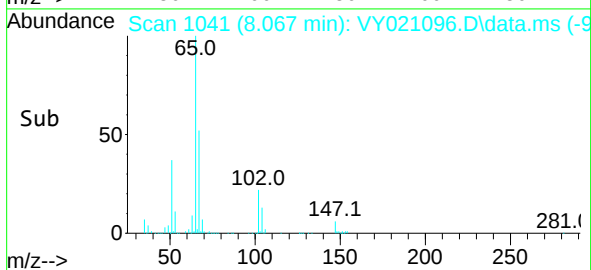
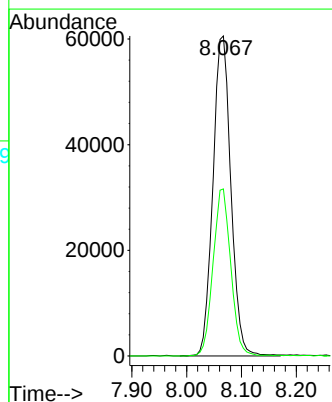
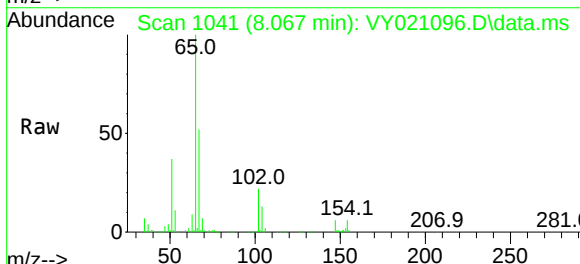
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

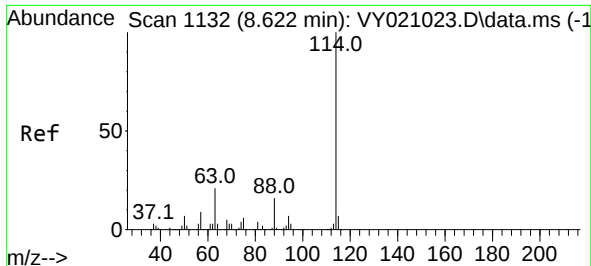
Tgt Ion:168 Resp: 268749
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.155 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021096.D
Acq: 05 Feb 2025 18:08

Tgt Ion: 65 Resp: 138105
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021096.D

Acq: 05 Feb 2025 18:08

Instrument :

MSVOA_Y

ClientSampleId :

72-11977

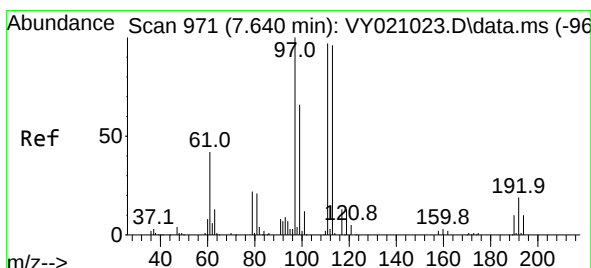
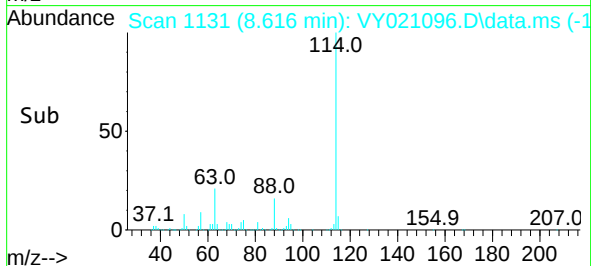
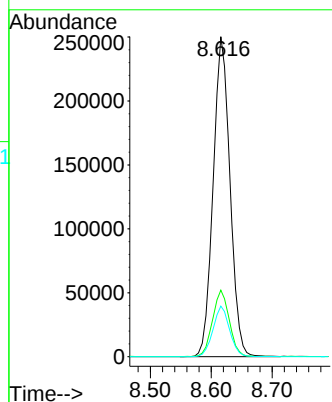
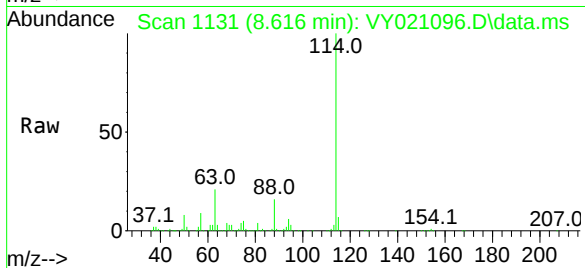
Tgt Ion:114 Resp: 479934

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.537 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021096.D

Acq: 05 Feb 2025 18:08

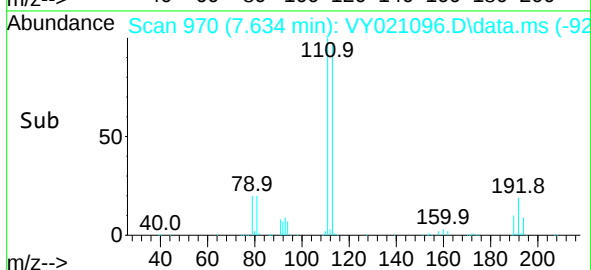
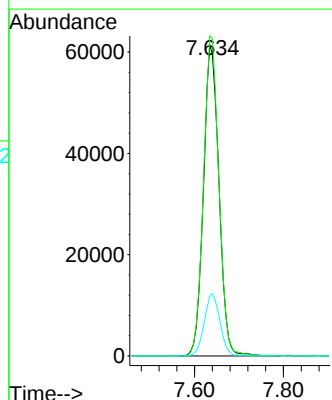
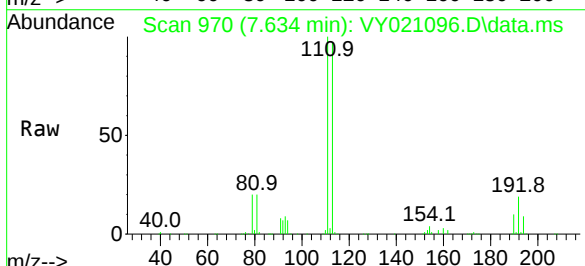
Tgt Ion:113 Resp: 149287

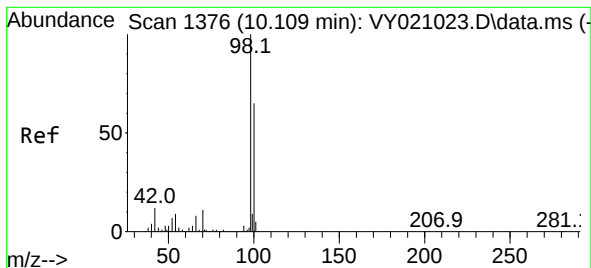
Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 20.3 14.5 21.7





#50

Toluene-d8

Concen: 49.815 ug/l

RT: 10.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021096.D

Acq: 05 Feb 2025 18:08

Instrument :

MSVOA_Y

ClientSampleId :

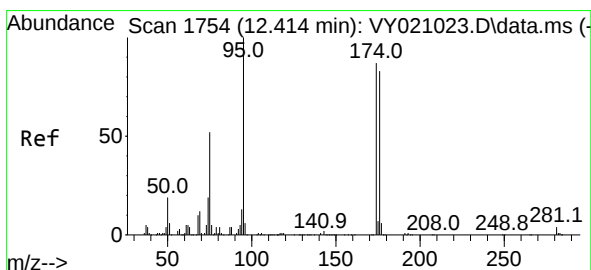
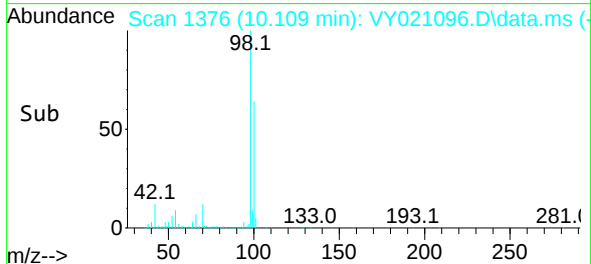
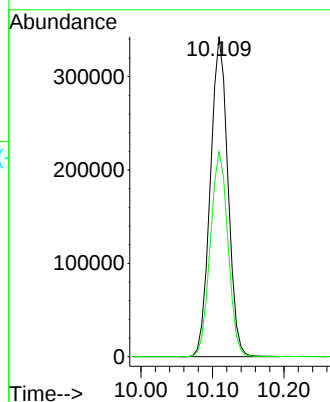
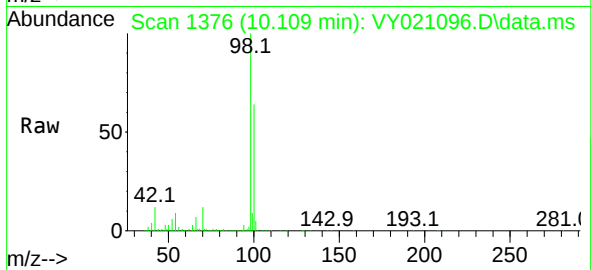
72-11977

Tgt Ion: 98 Resp: 583310

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 52.375 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY021096.D

Acq: 05 Feb 2025 18:08

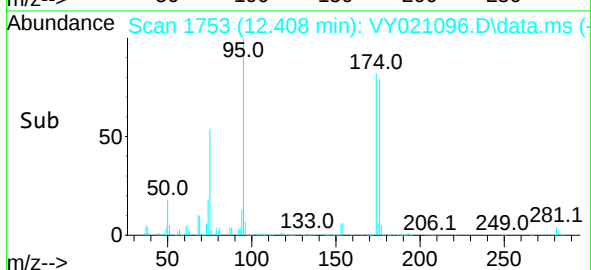
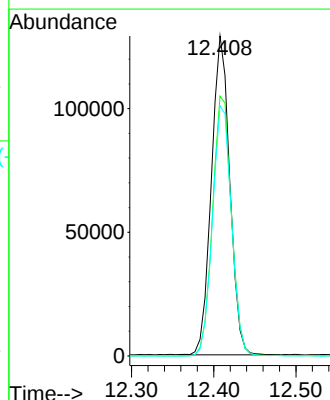
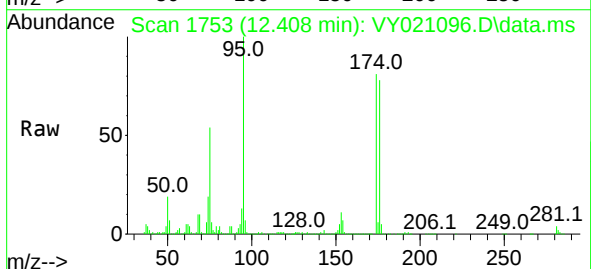
Tgt Ion: 95 Resp: 200357

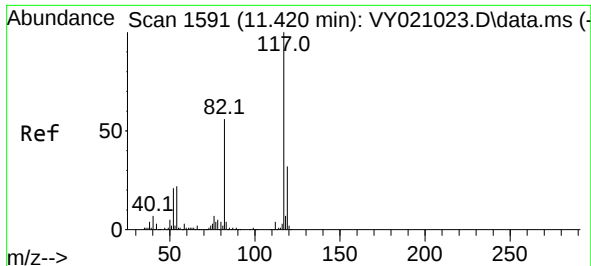
Ion Ratio Lower Upper

95 100

174 83.8 0.0 160.0

176 81.2 0.0 151.8

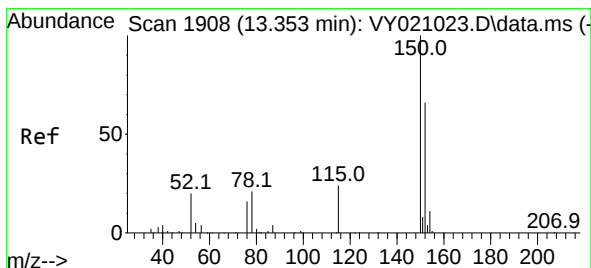
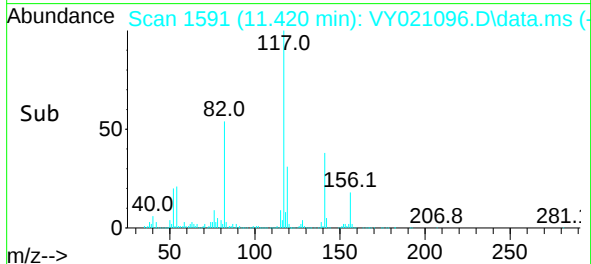
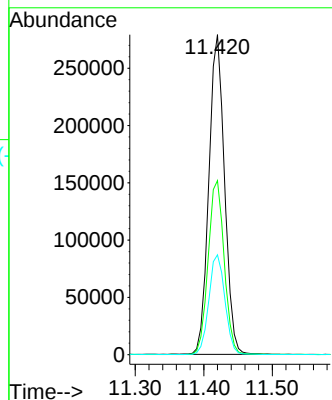
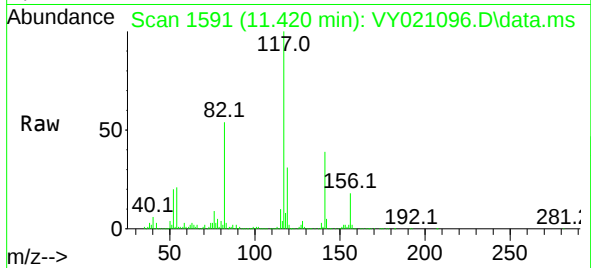




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY021096.D
Acq: 05 Feb 2025 18:08

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Tgt Ion:117 Resp: 443853
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.2 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: VY021096.D
Acq: 05 Feb 2025 18:08

Tgt Ion:152 Resp: 198783
Ion Ratio Lower Upper
152 100
115 63.2 30.0 90.0
150 150.2 0.0 344.6

