

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021042.D
 Acq On : 03 Feb 2025 20:08
 Operator : SY/MD
 Sample : Q1207-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-5.1-012725

Quant Time: Feb 04 01:00:03 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	7.707	168	166979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	314925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	290112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	120538	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100658	58.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.680%
35) Dibromofluoromethane	7.634	113	104033	51.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.100%
50) Toluene-d8	10.109	98	382500	49.781	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.408	95	122640	48.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.720%

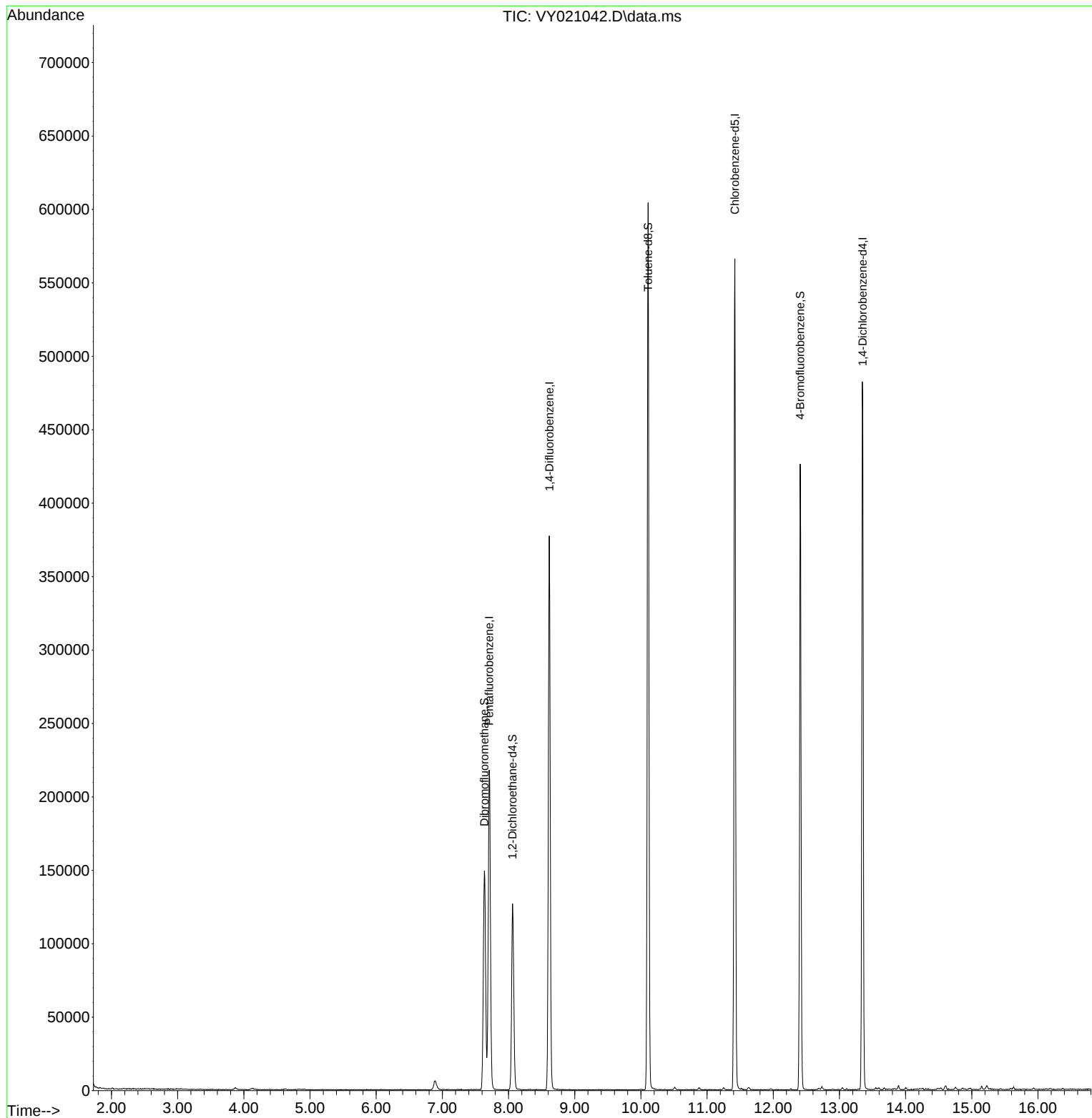
Target Compounds	Qvalue

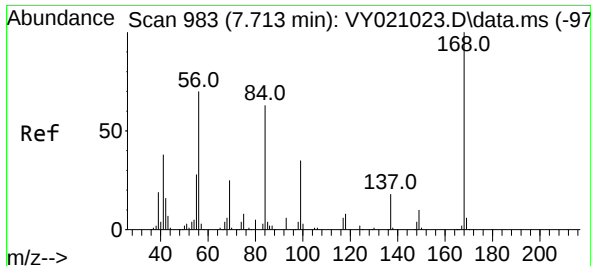
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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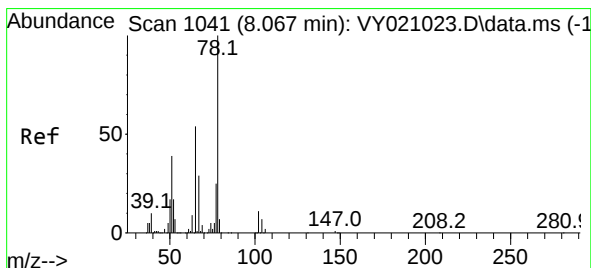
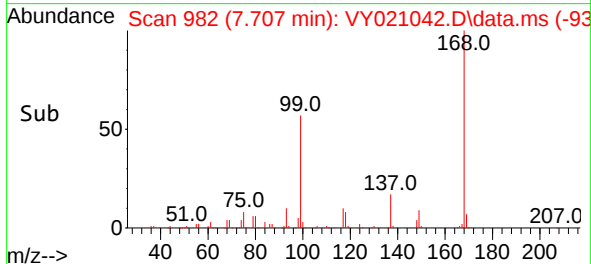
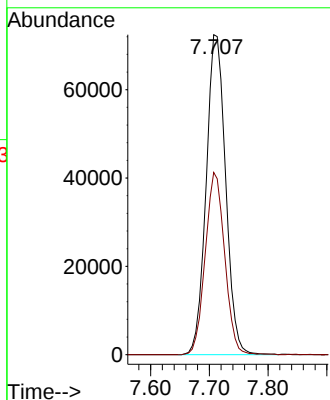
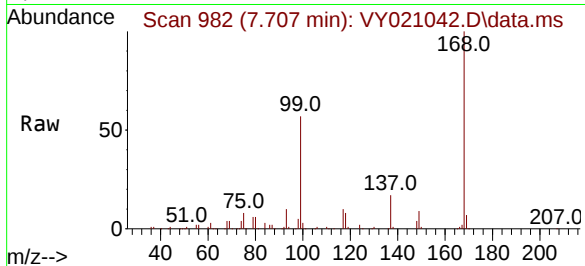




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021042.D
Acq: 03 Feb 2025 20:08

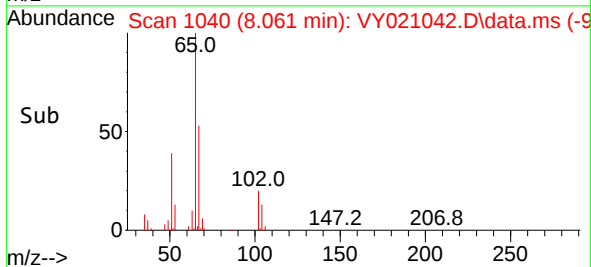
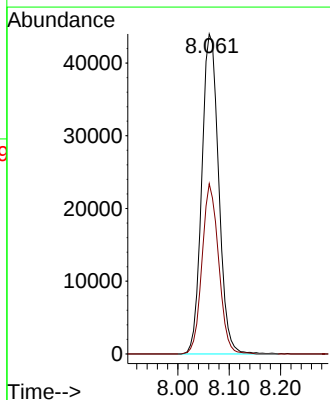
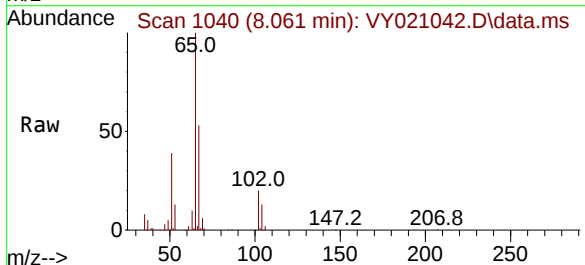
Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.1-012725

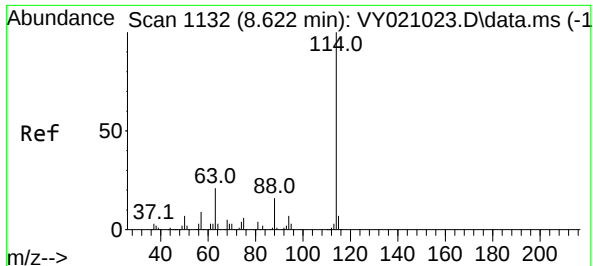
Tgt Ion:168 Resp: 166979
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 58.836 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021042.D
Acq: 03 Feb 2025 20:08

Tgt Ion: 65 Resp: 100658
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021042.D

Acq: 03 Feb 2025 20:08

Instrument :

MSVOA_Y

ClientSampleId :

JPP-5.1-012725

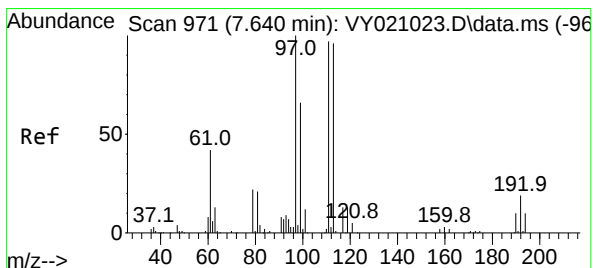
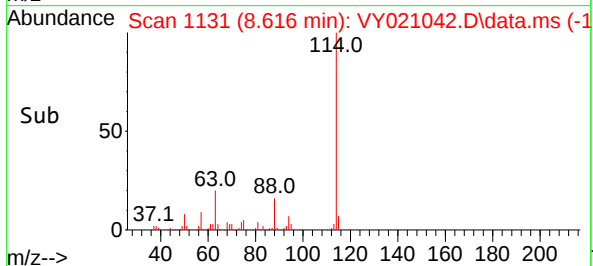
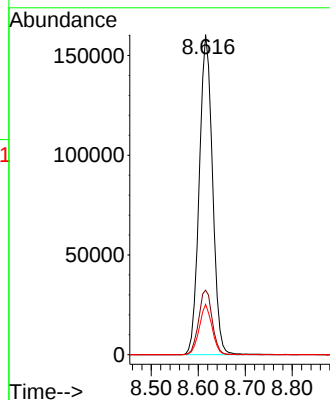
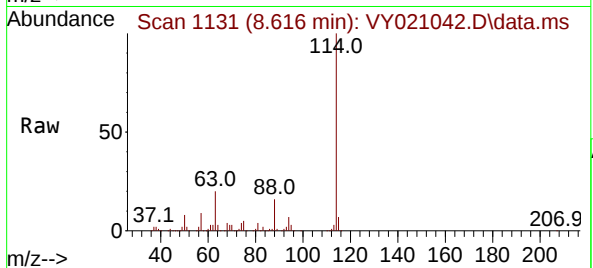
Tgt Ion:114 Resp: 314925

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.546 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021042.D

Acq: 03 Feb 2025 20:08

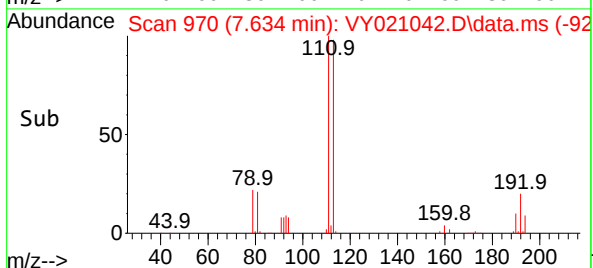
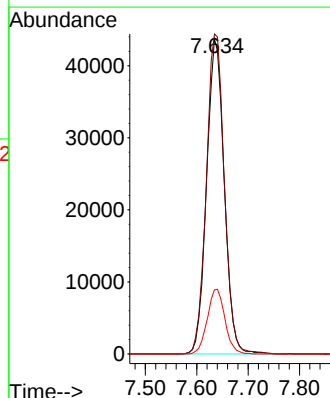
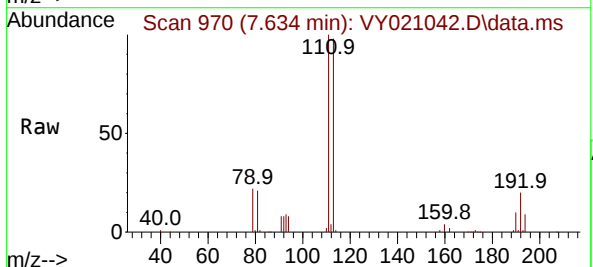
Tgt Ion:113 Resp: 104033

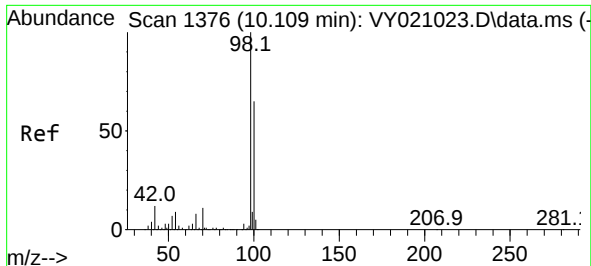
Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 20.6 14.5 21.7

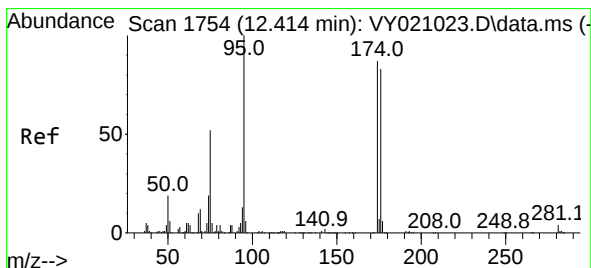
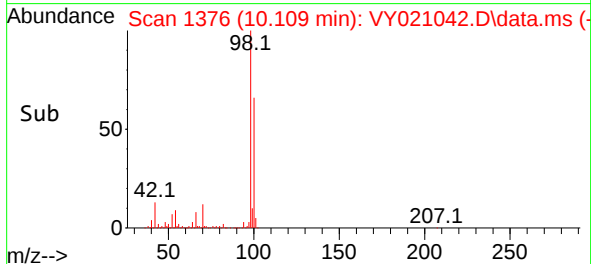
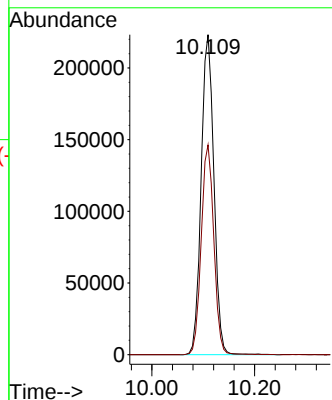
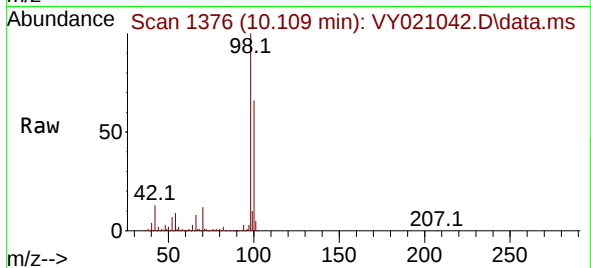




#50
Toluene-d8
Concen: 49.781 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021042.D
Acq: 03 Feb 2025 20:08

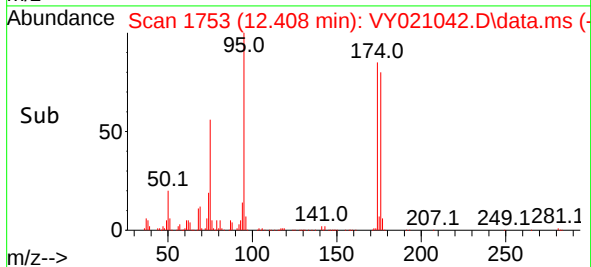
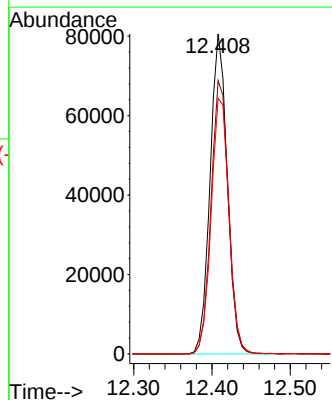
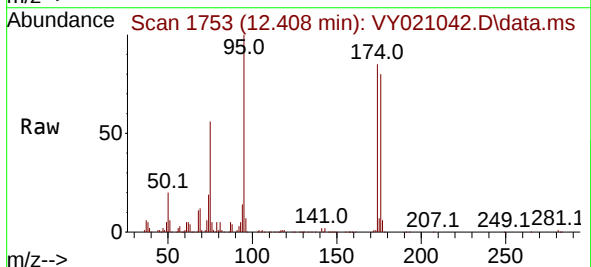
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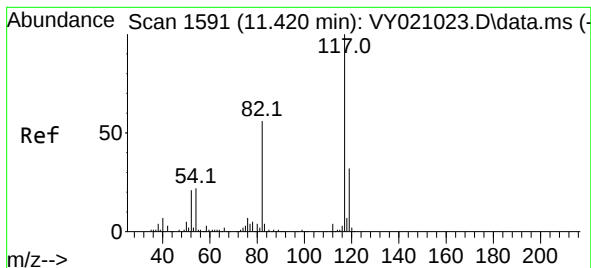
Tgt Ion: 98 Resp: 382500
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.857 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021042.D
Acq: 03 Feb 2025 20:08

Tgt Ion: 95 Resp: 122640
Ion Ratio Lower Upper
95 100
174 87.6 0.0 160.0
176 82.9 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: VY021042.D

Acq: 03 Feb 2025 20:08

Instrument :

MSVOA_Y

ClientSampleId :

JPP-5.1-012725

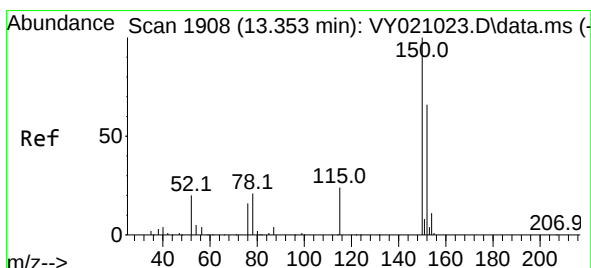
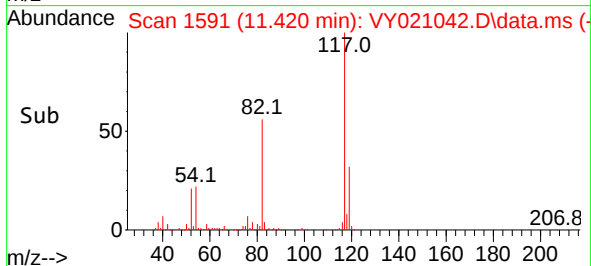
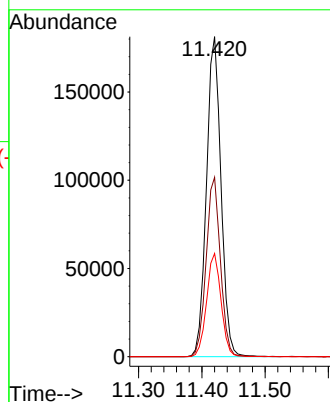
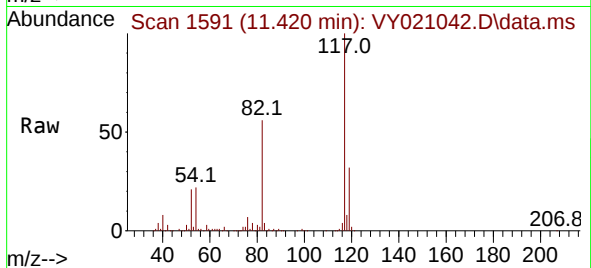
Tgt Ion:117 Resp: 290112

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

119 32.2 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: VY021042.D

Acq: 03 Feb 2025 20:08

Tgt Ion:152 Resp: 120538

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 155.7 0.0 344.6

