

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021067.D
 Acq On : 04 Feb 2025 18:33
 Operator : SY/MD
 Sample : Q1241-17
 Misc : 10.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-51.4-013025

Quant Time: Feb 05 00:50:23 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	155127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	289464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	277580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	107034	67.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.680%
35) Dibromofluoromethane	7.634	113	99670	53.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.460%
50) Toluene-d8	10.103	98	361334	51.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.408	95	123839	53.674	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.340%

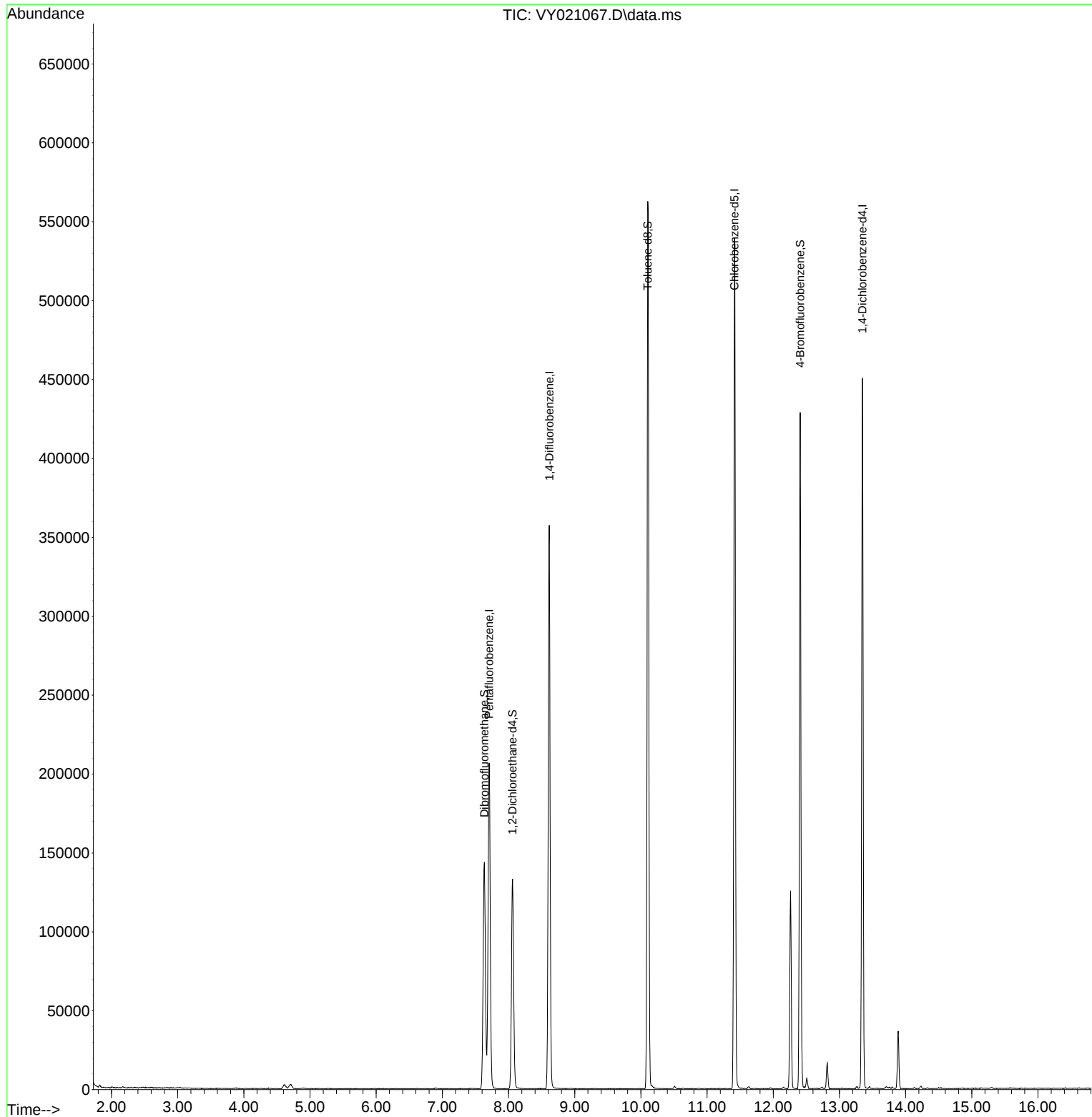
Target Compounds	Qvalue

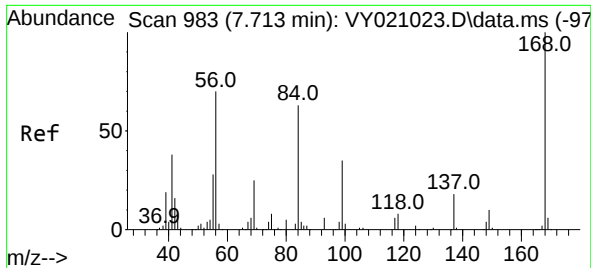
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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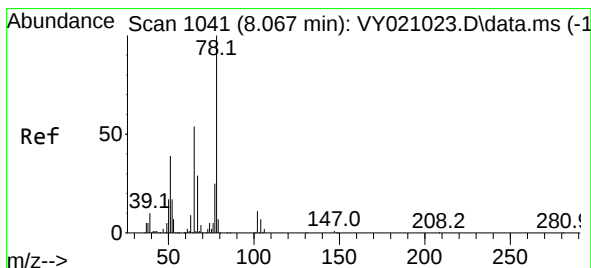
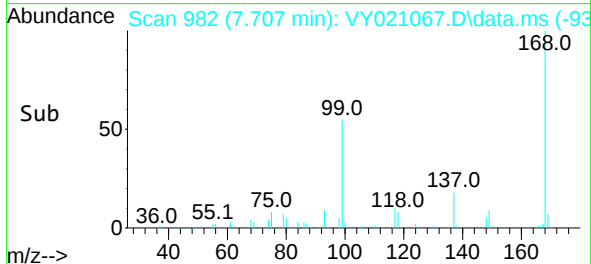
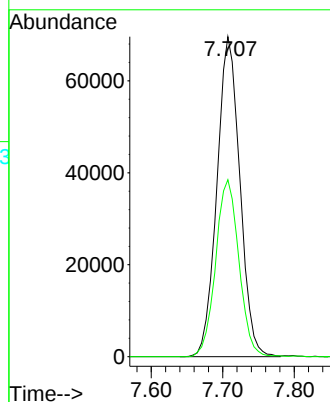
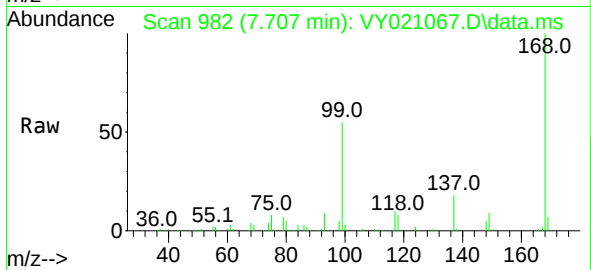




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021067.D
Acq: 04 Feb 2025 18:33

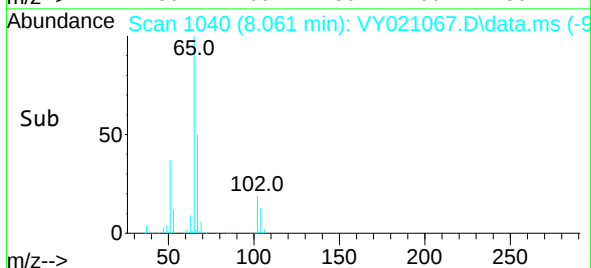
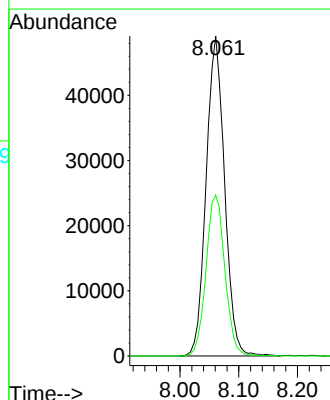
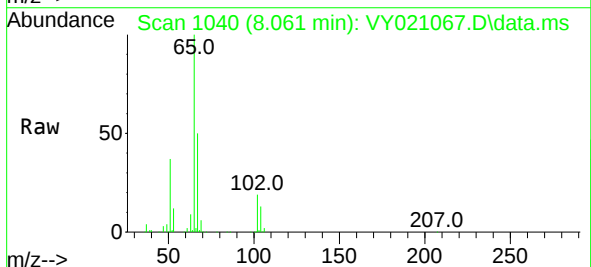
Instrument :
MSVOA_Y
ClientSampleId :
JPP-51.4-013025

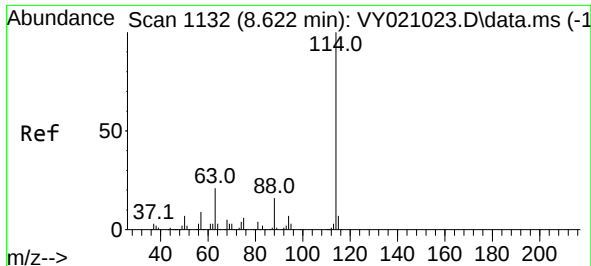
Tgt Ion:168 Resp: 155127
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 67.342 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021067.D
Acq: 04 Feb 2025 18:33

Tgt Ion: 65 Resp: 107034
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.0

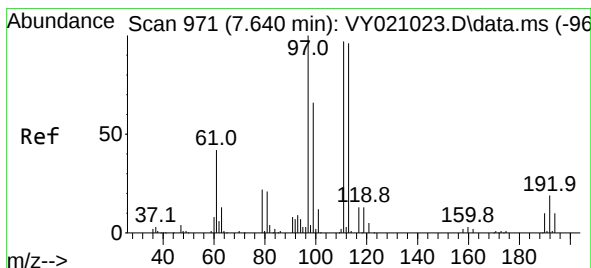
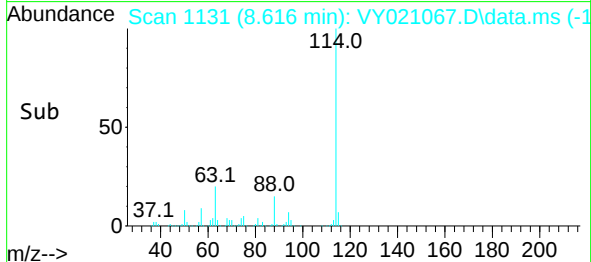
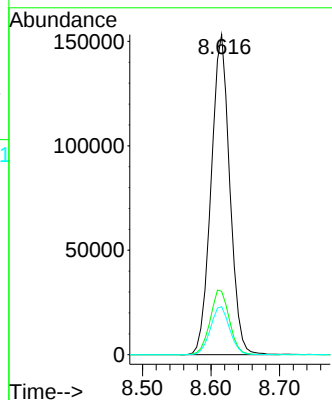
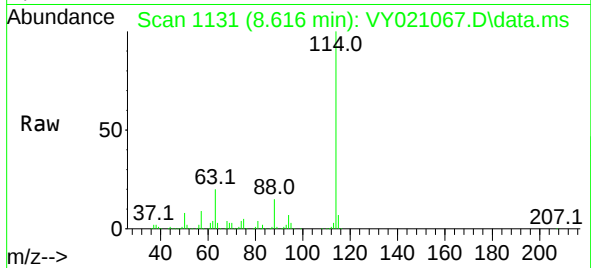




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021067.D
Acq: 04 Feb 2025 18:33

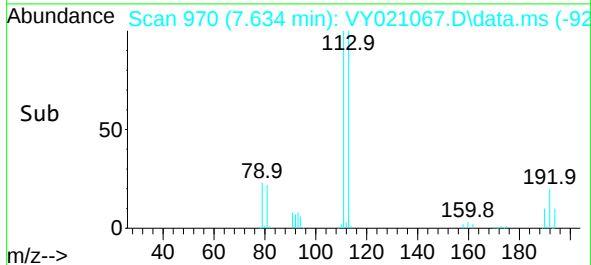
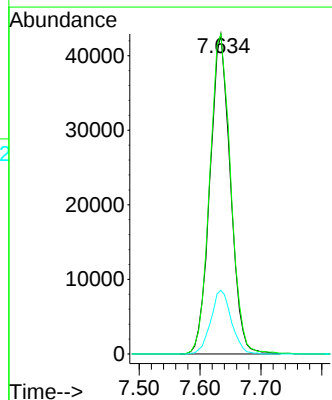
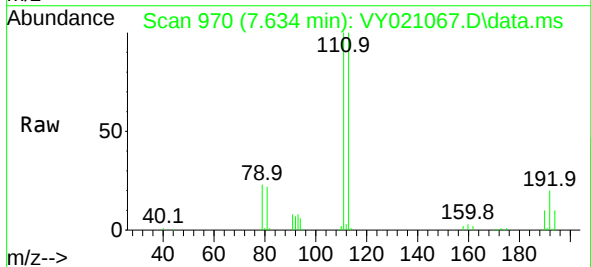
Instrument :
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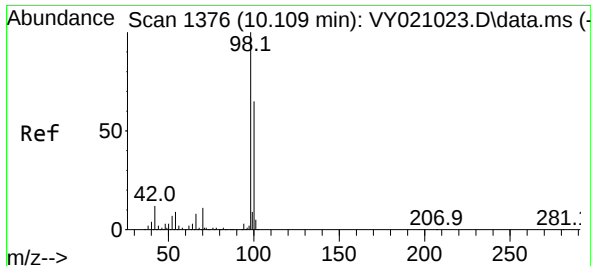
Tgt Ion:114 Resp: 289464
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.0 0.0 29.0



#35
Dibromofluoromethane
Concen: 53.728 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021067.D
Acq: 04 Feb 2025 18:33

Tgt Ion:113 Resp: 99670
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 20.1 14.5 21.7

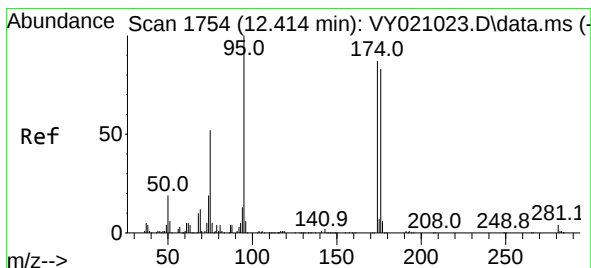
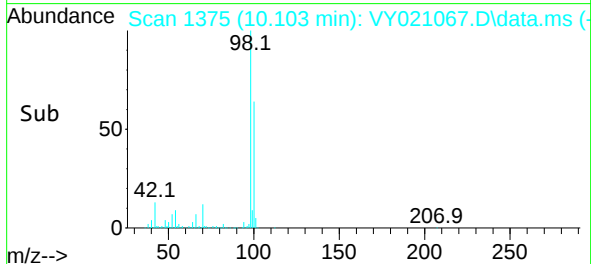
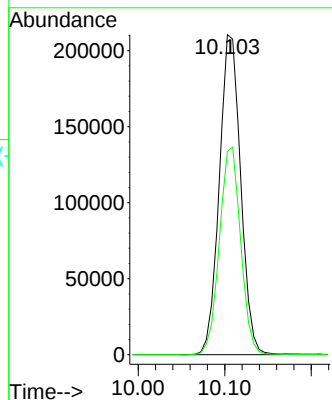
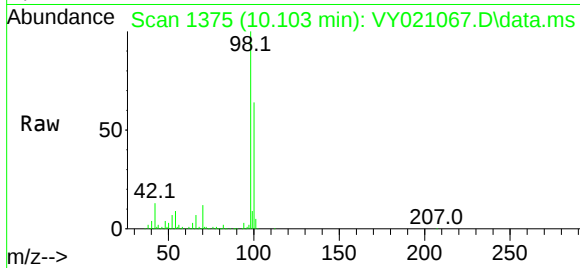




#50
Toluene-d8
Concen: 51.163 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021067.D
Acq: 04 Feb 2025 18:33

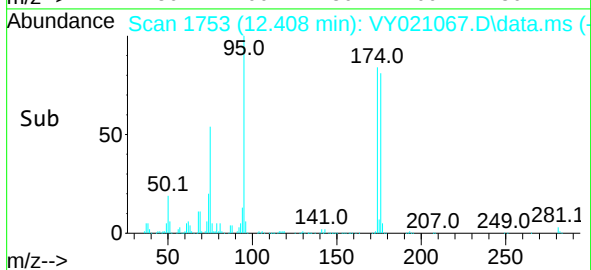
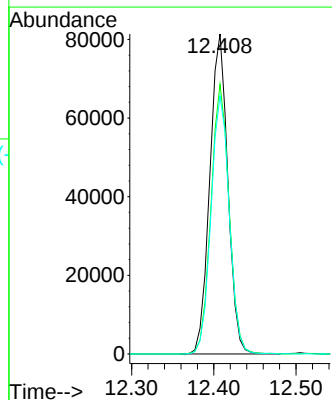
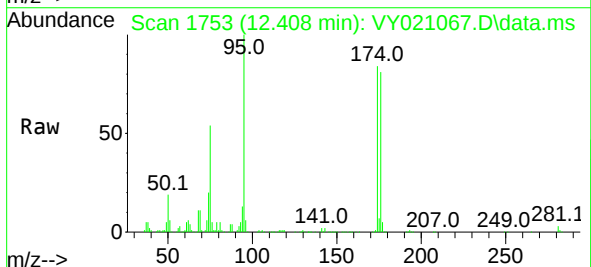
Instrument :
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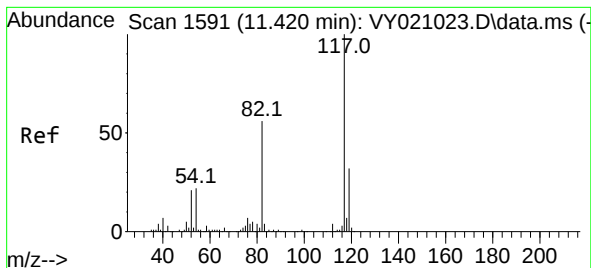
Tgt Ion: 98 Resp: 361334
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 53.674 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021067.D
Acq: 04 Feb 2025 18:33

Tgt Ion: 95 Resp: 123839
Ion Ratio Lower Upper
95 100
174 84.9 0.0 160.0
176 81.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021067.D

Acq: 04 Feb 2025 18:33

Instrument :

MSVOA_Y

ClientSampleId :

JPP-51.4-013025

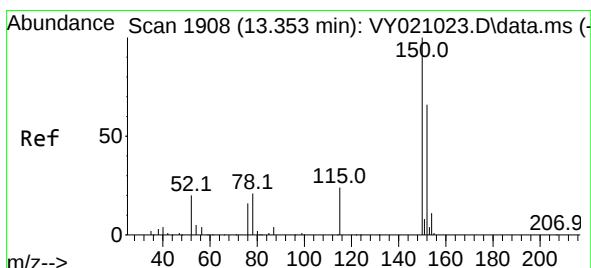
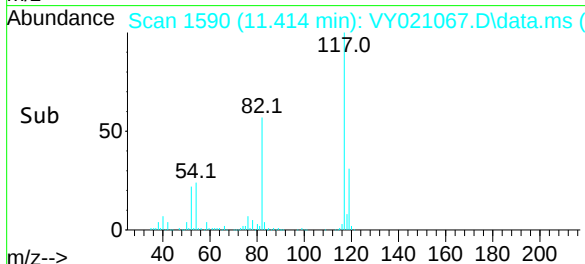
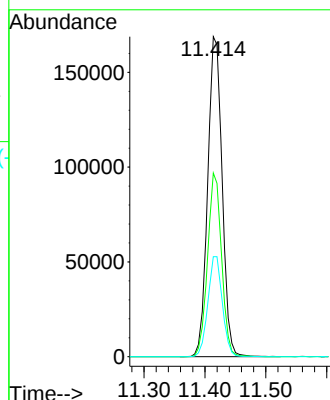
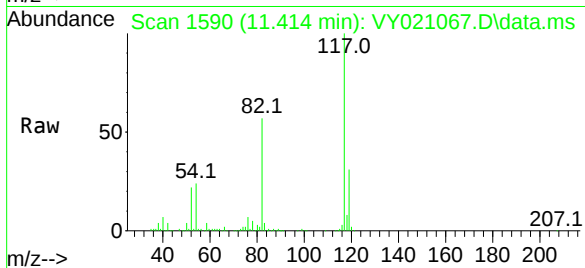
Tgt Ion:117 Resp: 277580

Ion Ratio Lower Upper

117 100

82 57.4 43.8 65.8

119 31.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021067.D

Acq: 04 Feb 2025 18:33

Tgt Ion:152 Resp: 109757

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 156.5 0.0 344.6

