

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021062.D
 Acq On : 04 Feb 2025 16:36
 Operator : SY/MD
 Sample : Q1235-05
 Misc : 11.18g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-16.1-012925

Quant Time: Feb 05 00:48:39 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	151859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	285967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	249464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	75300	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99200	63.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.520%
35) Dibromofluoromethane	7.634	113	95984	52.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.103	98	343119	49.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.408	95	94169	41.313	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.620%

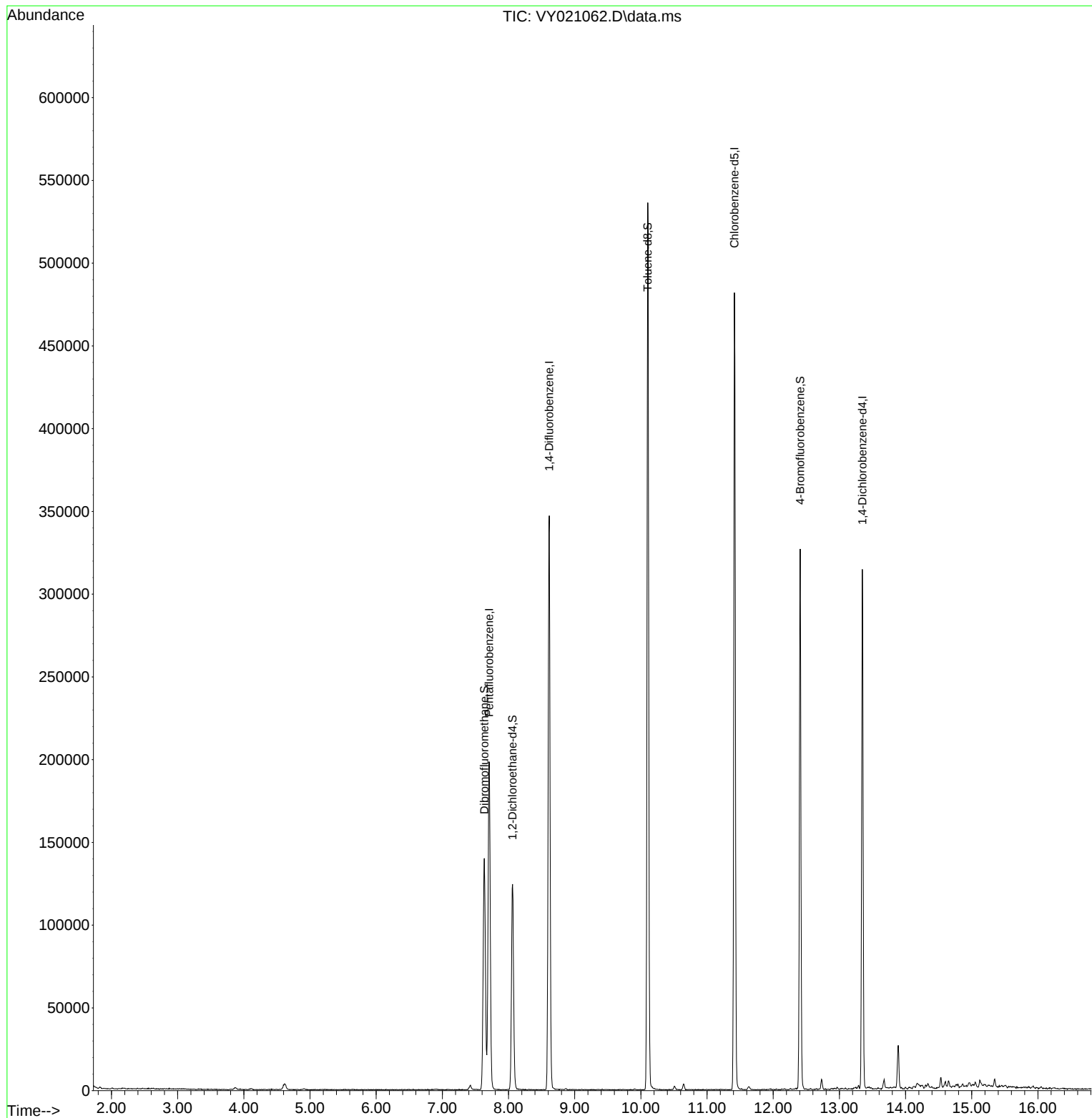
Target Compounds	Qvalue

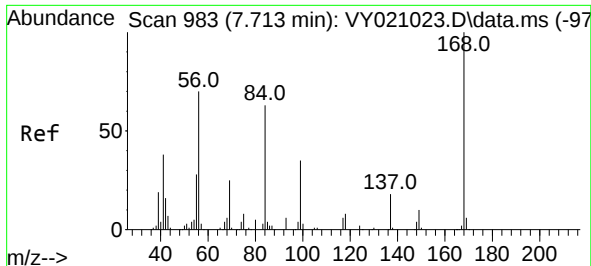
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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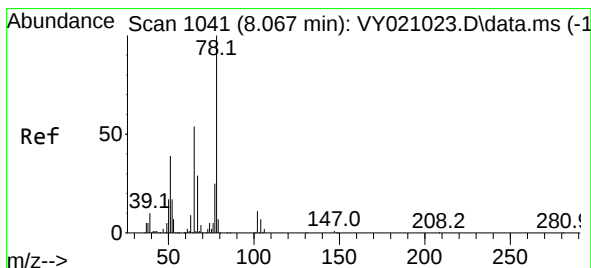
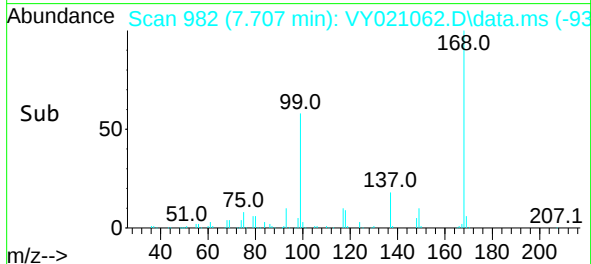
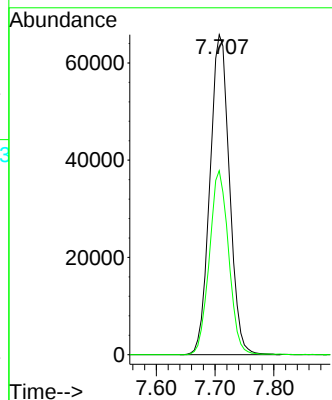
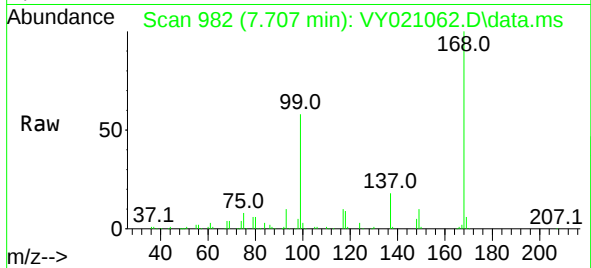




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

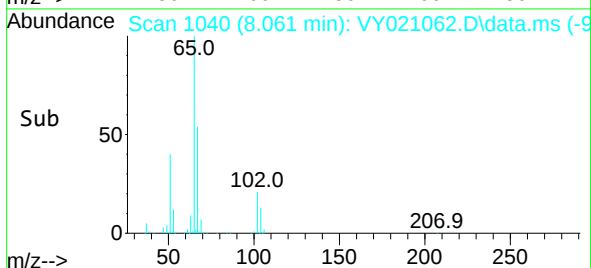
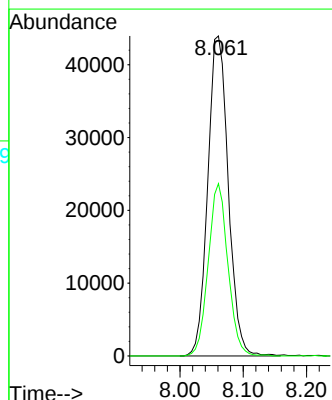
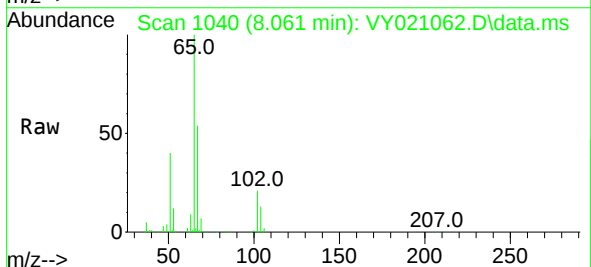
Instrument :
MSVOA_Y
ClientSampleId :
JPP-16.1-012925

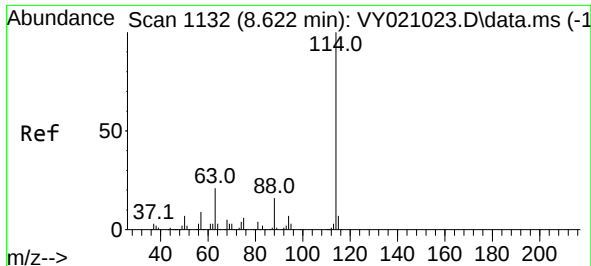
Tgt Ion:168 Resp: 151859
Ion Ratio Lower Upper
168 100
99 57.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 63.757 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

Tgt Ion: 65 Resp: 99200
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.0

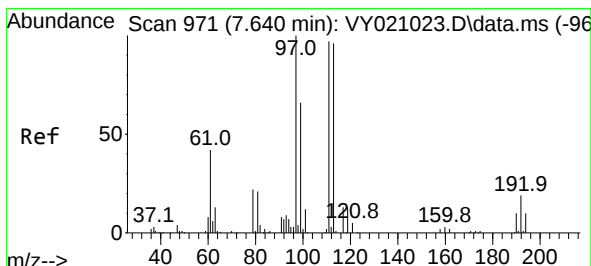
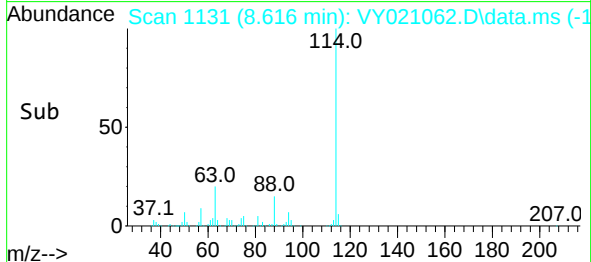
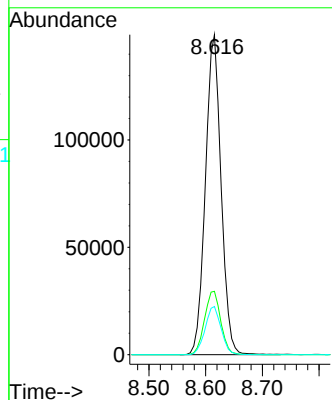
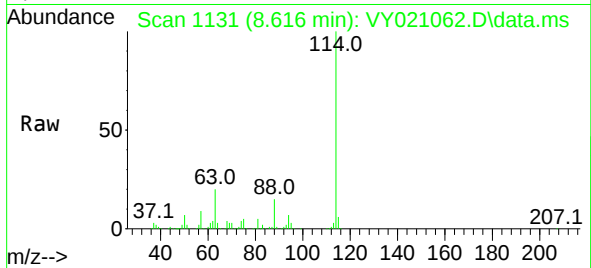




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

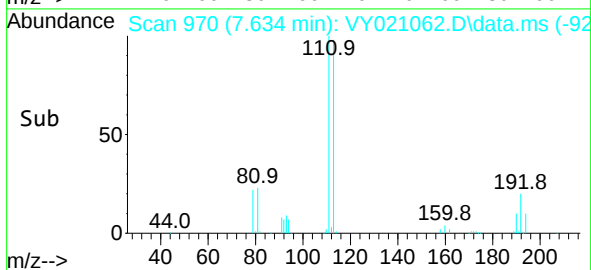
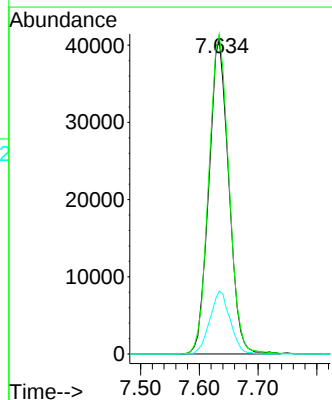
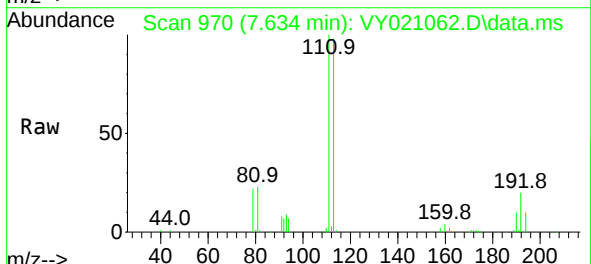
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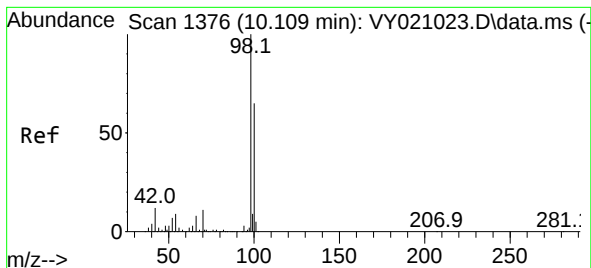
Tgt Ion:114 Resp: 285967
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.0 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.374 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

Tgt Ion:113 Resp: 95984
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 20.3 14.5 21.7

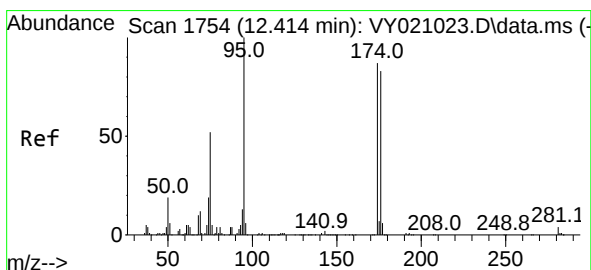
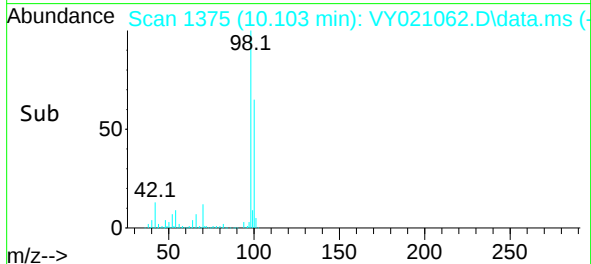
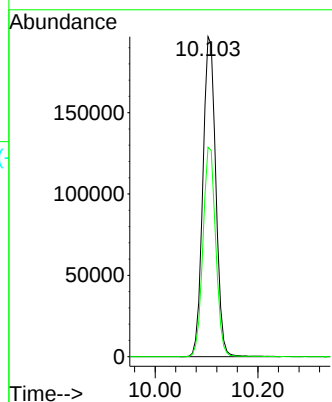
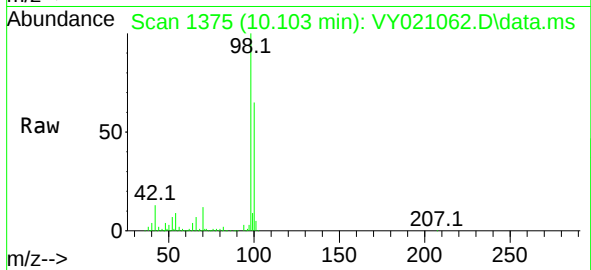




#50
Toluene-d8
Concen: 49.178 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

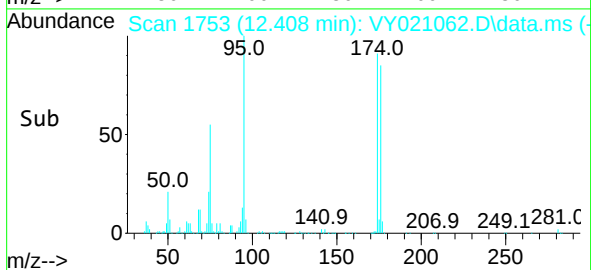
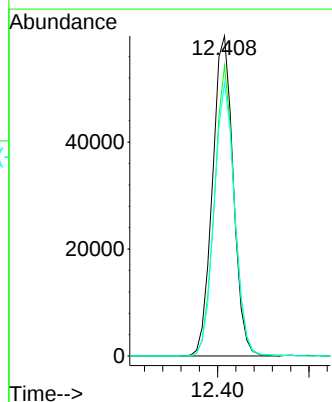
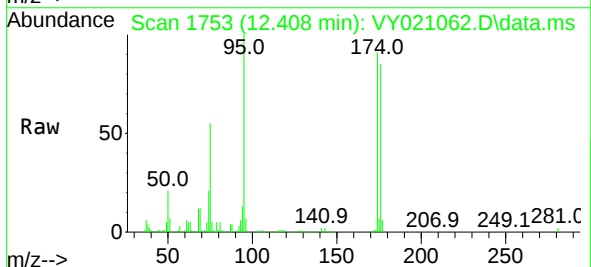
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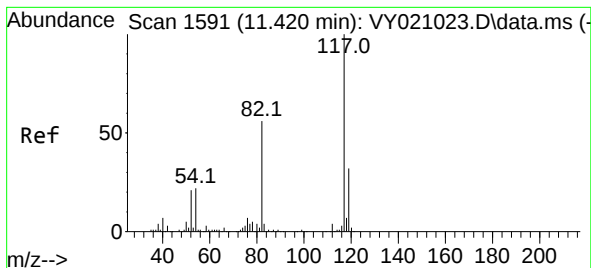
Tgt Ion: 98 Resp: 343119
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 41.313 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

Tgt Ion: 95 Resp: 94169
Ion Ratio Lower Upper
95 100
174 87.2 0.0 160.0
176 84.1 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: VY021062.D

Acq: 04 Feb 2025 16:36

Instrument :

MSVOA_Y

ClientSampleId :

JPP-16.1-012925

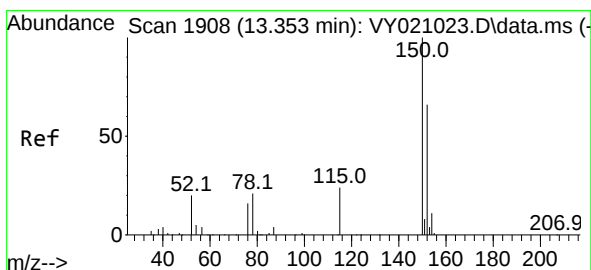
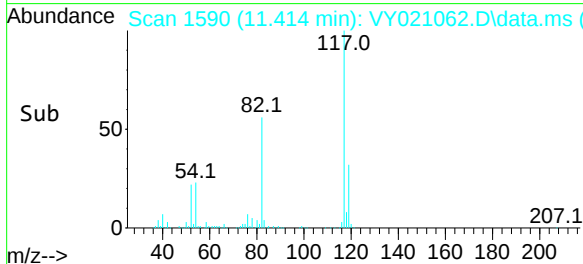
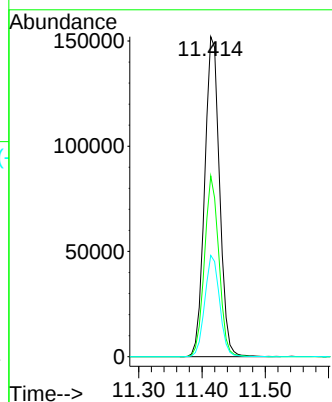
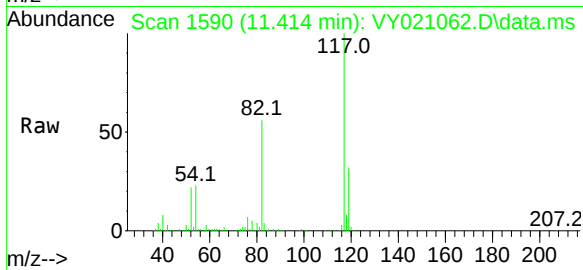
Tgt Ion:117 Resp: 249464

Ion Ratio Lower Upper

117 100

82 56.5 43.8 65.8

119 31.6 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: VY021062.D

Acq: 04 Feb 2025 16:36

Tgt Ion:152 Resp: 75300

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 158.2 0.0 344.6

