

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021070.D
 Acq On : 04 Feb 2025 19:44
 Operator : SY/MD
 Sample : Q1216-09
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-21.2-012825

Quant Time: Feb 05 00:51:24 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	157599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	293437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	274614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	112399	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93749	58.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.120%
35) Dibromofluoromethane	7.634	113	97440	51.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.620%
50) Toluene-d8	10.109	98	361845	50.542	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.080%
62) 4-Bromofluorobenzene	12.408	95	112197	47.969	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.940%

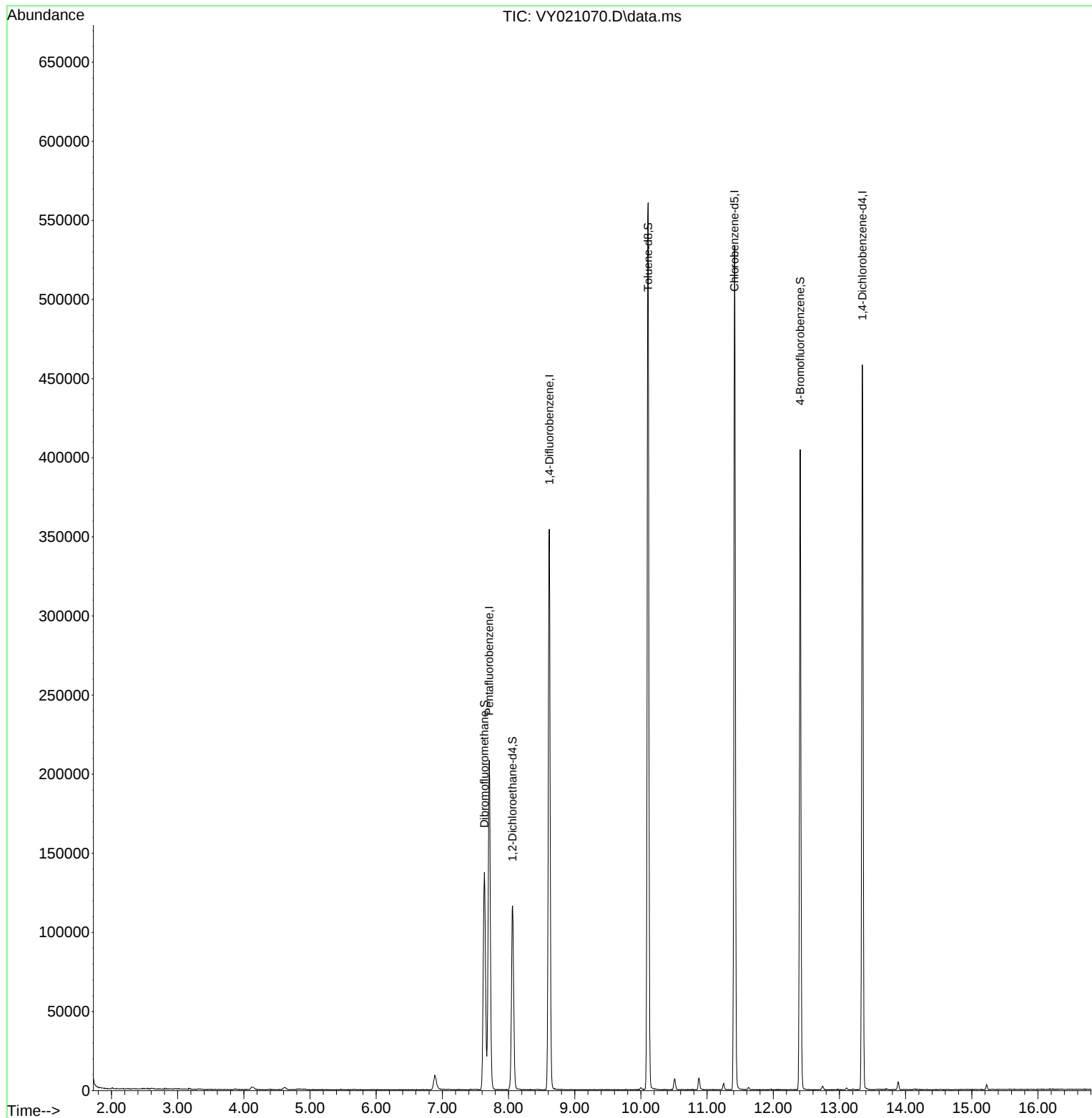
Target Compounds	Qvalue

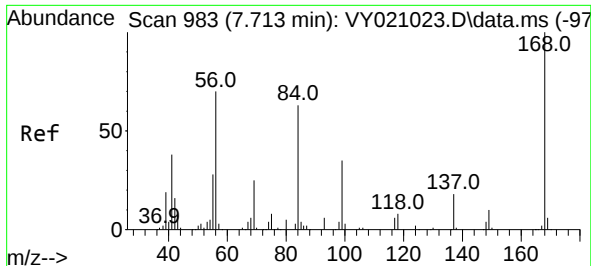
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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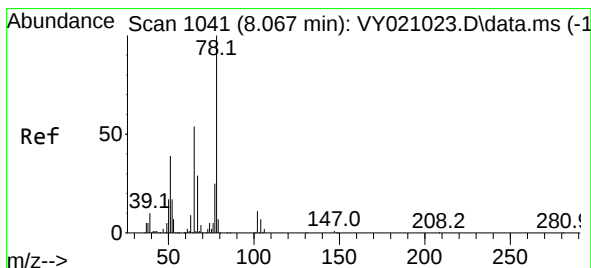
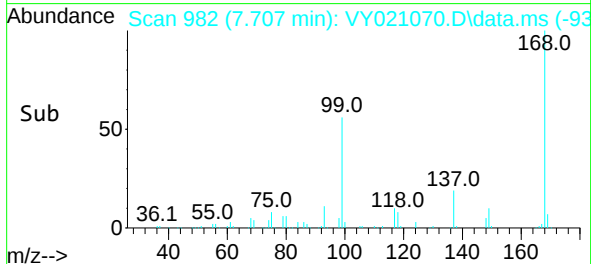
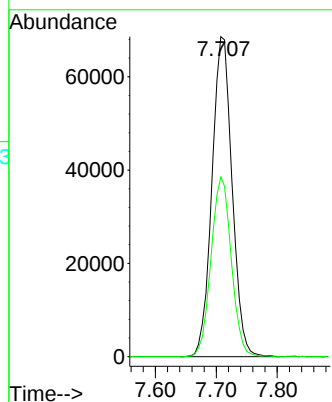
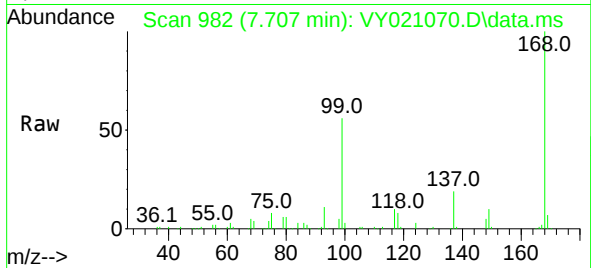




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

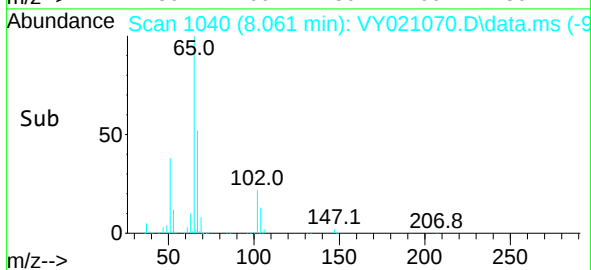
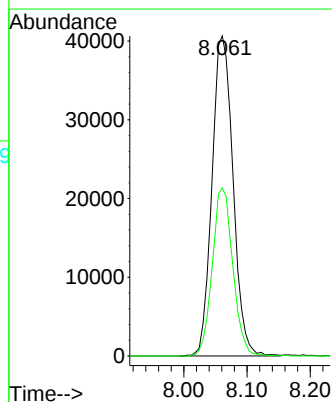
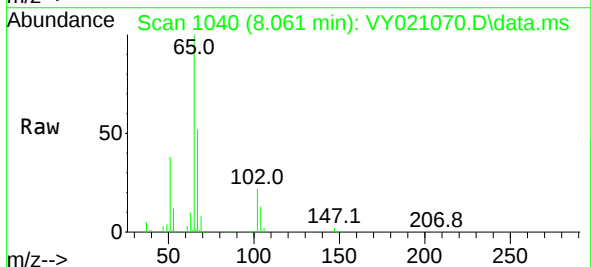
Instrument :
MSVOA_Y
ClientSampleId :
JPP-21.2-012825

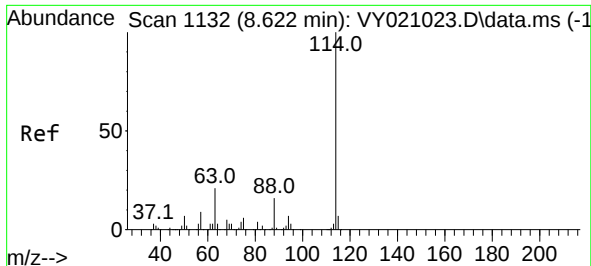
Tgt Ion:168 Resp: 157599
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 58.059 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

Tgt Ion: 65 Resp: 93749
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0

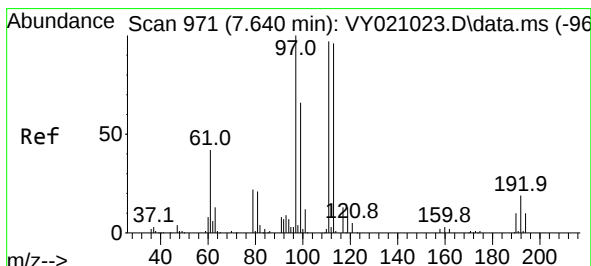
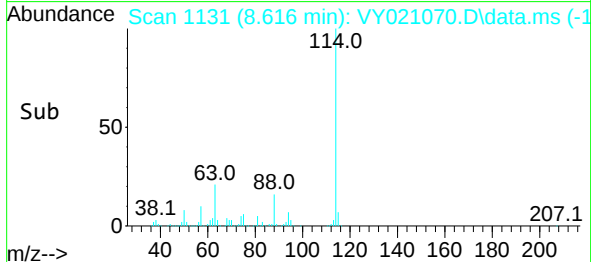
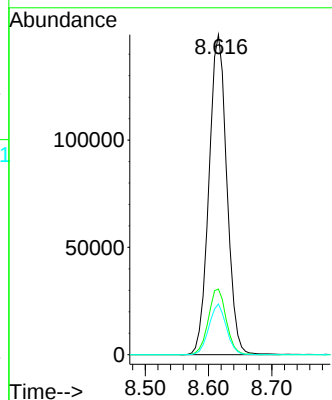
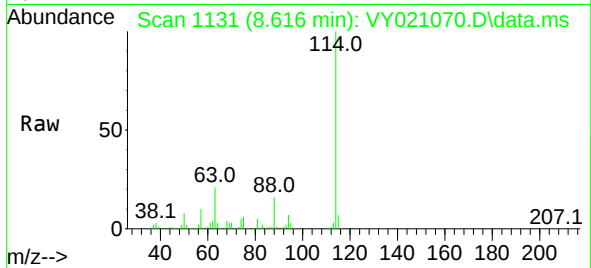




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

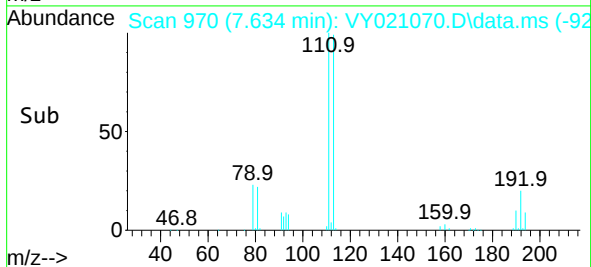
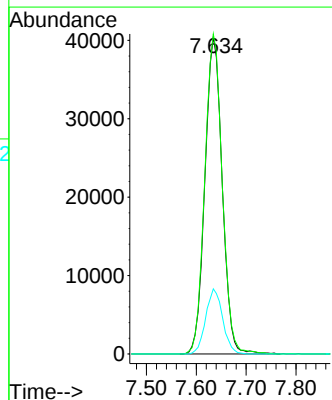
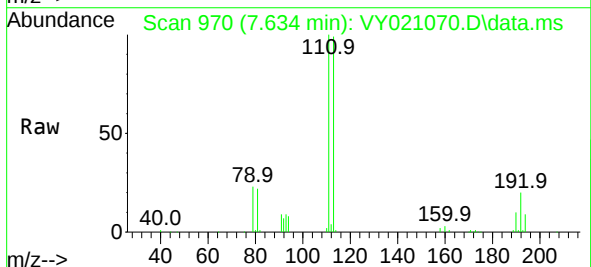
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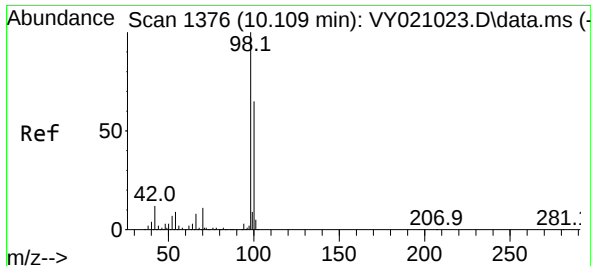
Tgt Ion:114 Resp: 293437
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 15.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 51.815 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

Tgt Ion:113 Resp: 97440
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 20.1 14.5 21.7

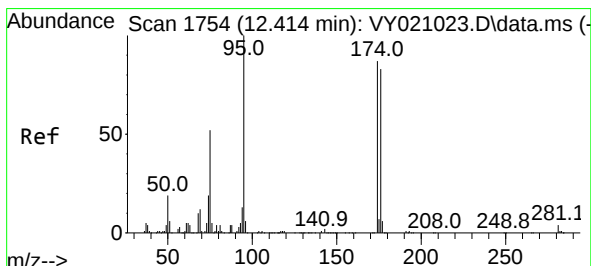
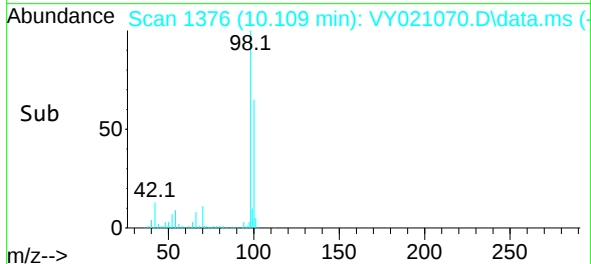
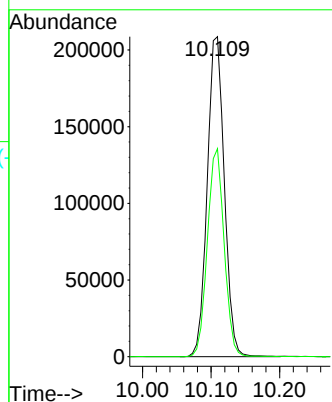
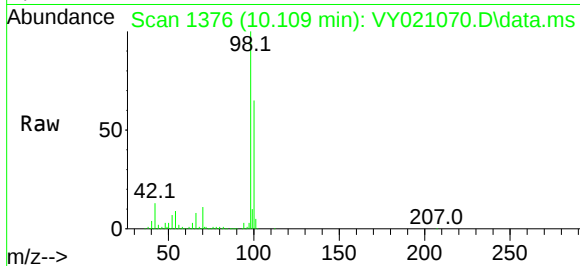




#50
Toluene-d8
Concen: 50.542 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

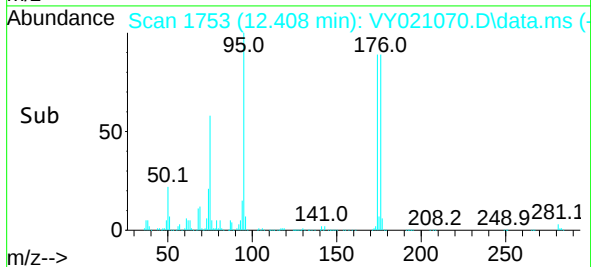
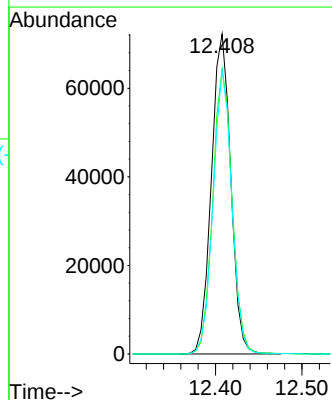
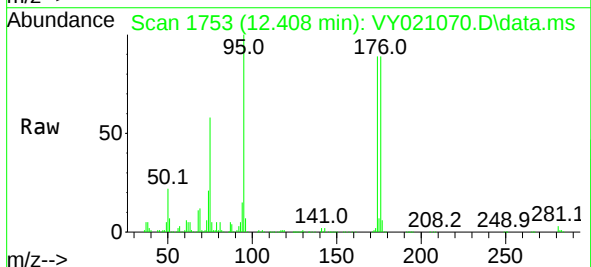
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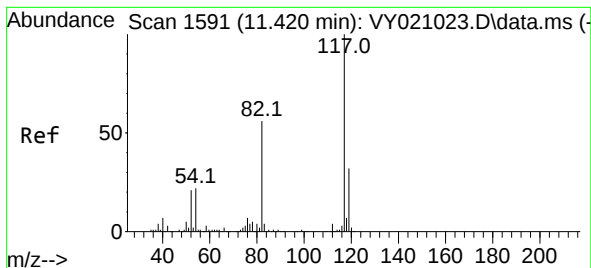
Tgt Ion: 98 Resp: 361845
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.969 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

Tgt Ion: 95 Resp: 112197
Ion Ratio Lower Upper
95 100
174 88.7 0.0 160.0
176 85.8 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: VY021070.D

Acq: 04 Feb 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :

JPP-21.2-012825

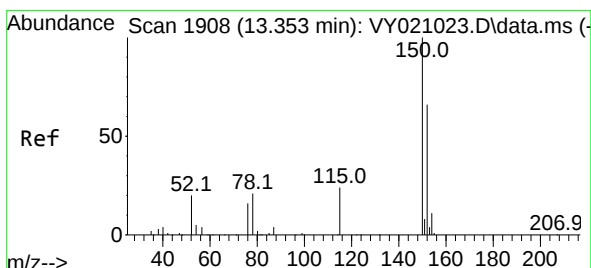
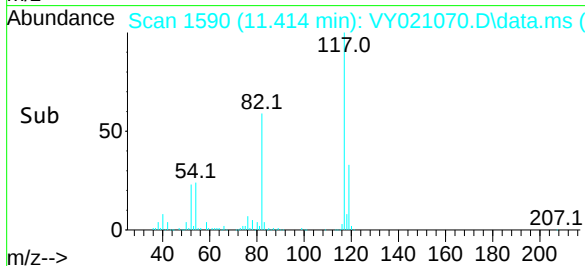
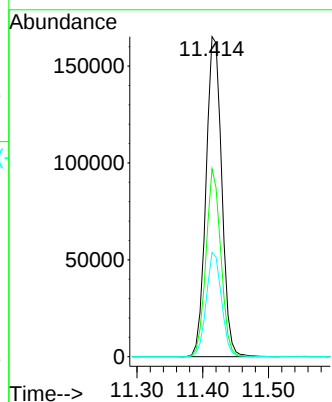
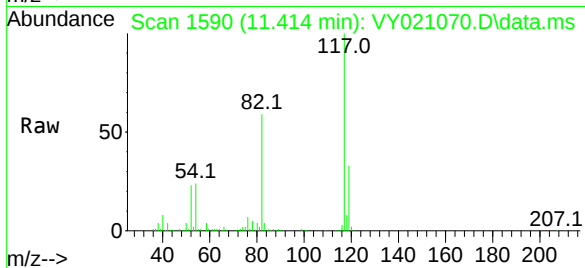
Tgt Ion:117 Resp: 274614

Ion Ratio Lower Upper

117 100

82 58.7 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021070.D

Acq: 04 Feb 2025 19:44

Tgt Ion:152 Resp: 112399

Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 153.7 0.0 344.6

