

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021051.D
 Acq On : 04 Feb 2025 12:19
 Operator : SY/MD
 Sample : Q1207-17
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-20.2-012725

Quant Time: Feb 05 00:45:13 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	167108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	314248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	289240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116962	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104413	60.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.960%
35) Dibromofluoromethane	7.634	113	104774	52.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.060%
50) Toluene-d8	10.109	98	381221	49.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.408	95	121656	48.569	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.140%

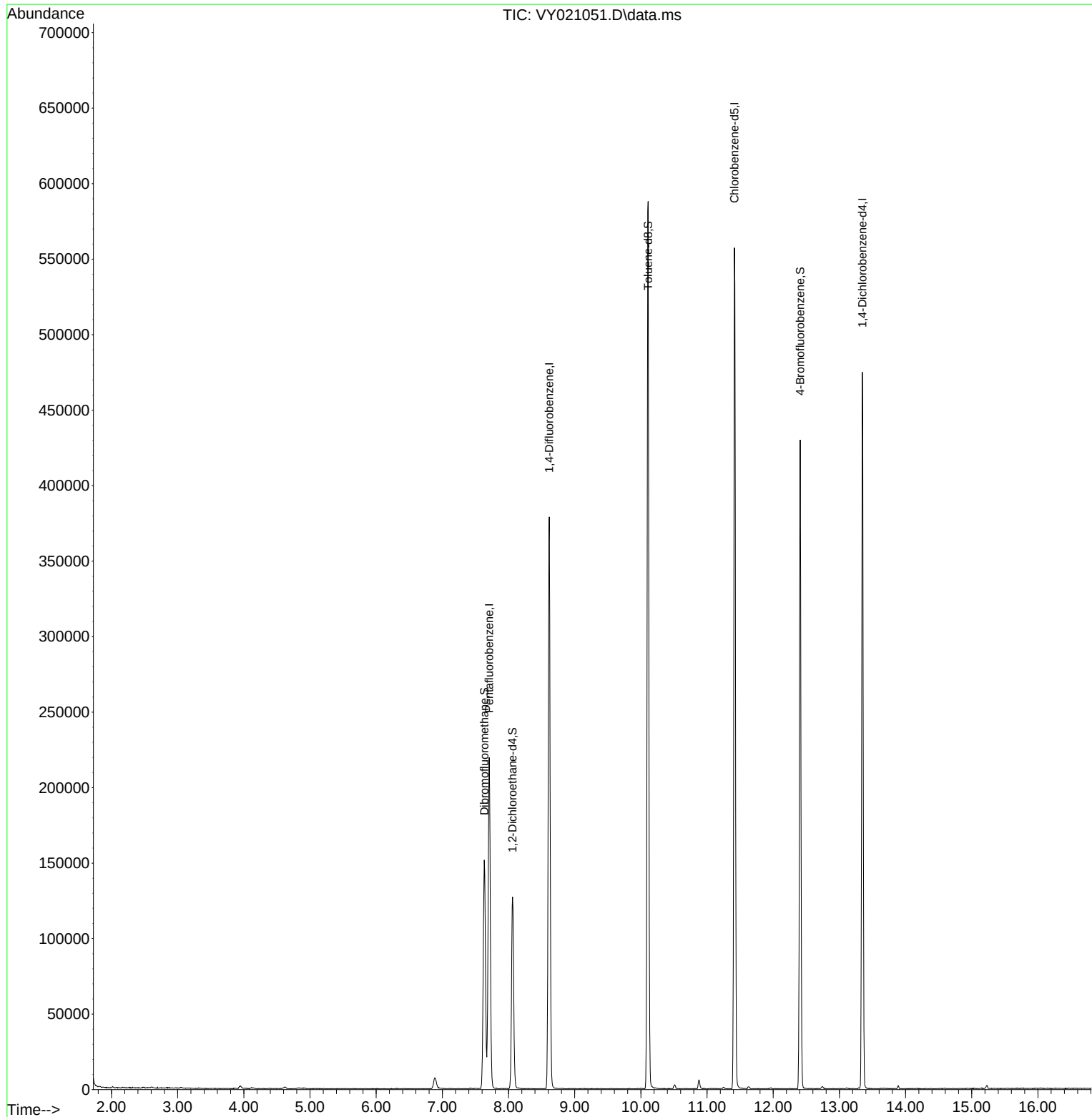
Target Compounds	Qvalue

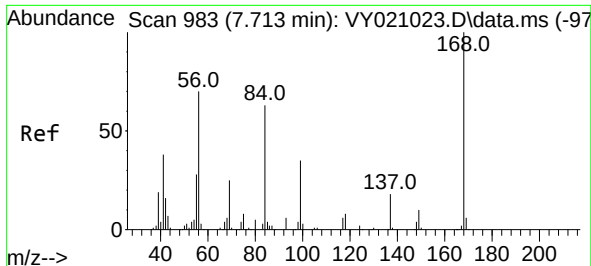
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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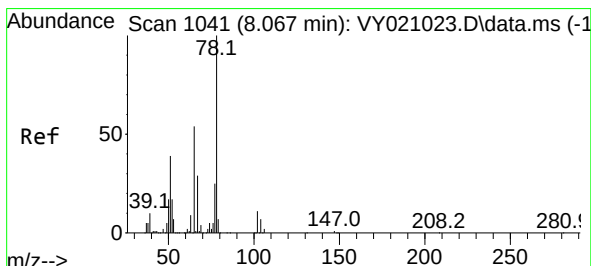
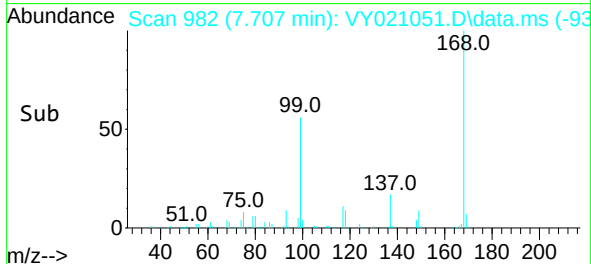
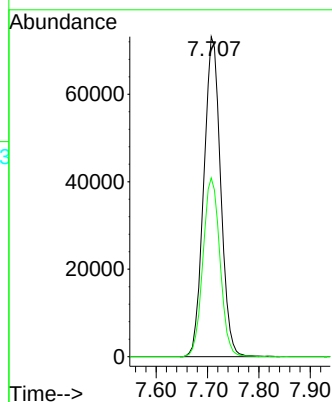
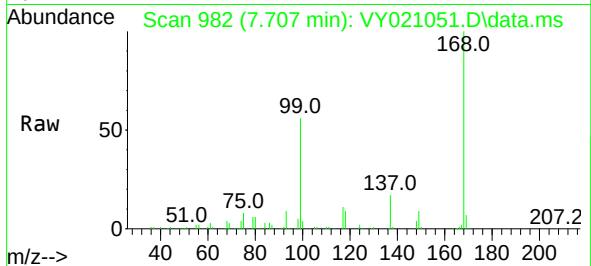




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

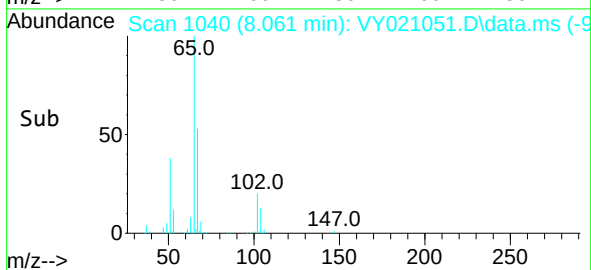
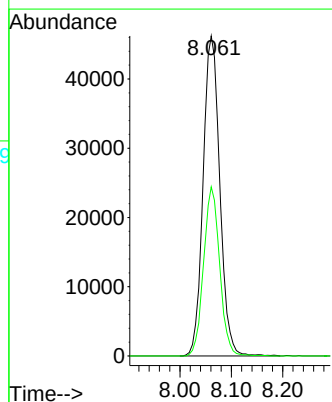
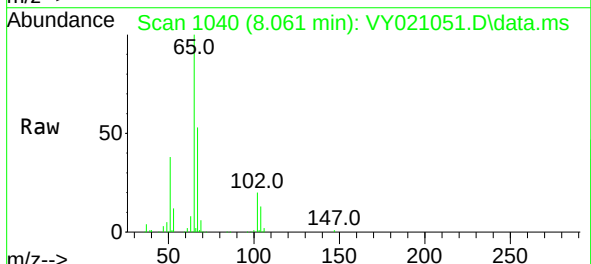
Instrument :
MSVOA_Y
ClientSampleId :
JPP-20.2-012725

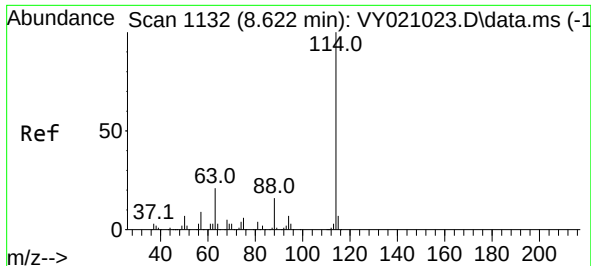
Tgt Ion:168 Resp: 167108
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 60.983 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

Tgt Ion: 65 Resp: 104413
Ion Ratio Lower Upper
65 100
67 50.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021051.D

Acq: 04 Feb 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

JPP-20.2-012725

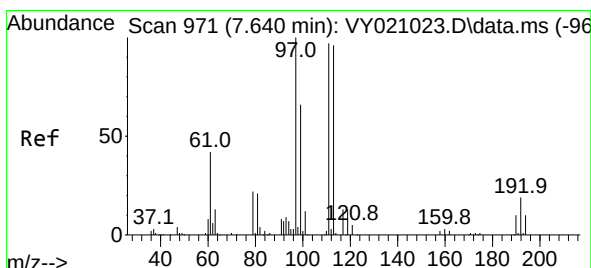
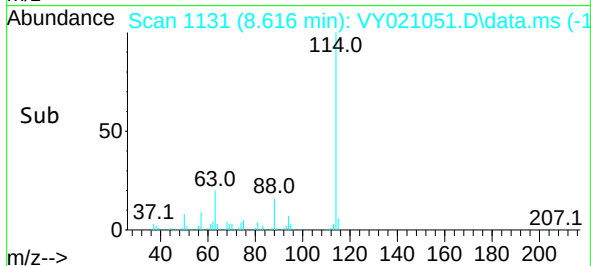
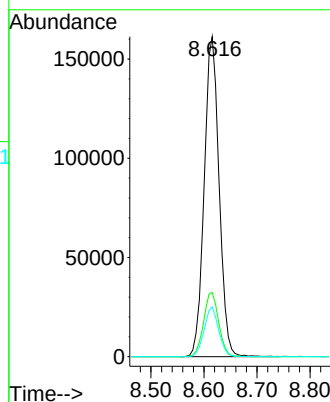
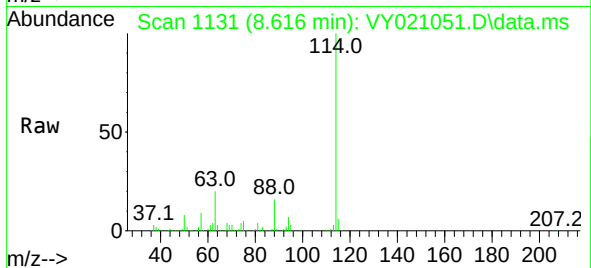
Tgt Ion:114 Resp: 314248

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.025 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021051.D

Acq: 04 Feb 2025 12:19

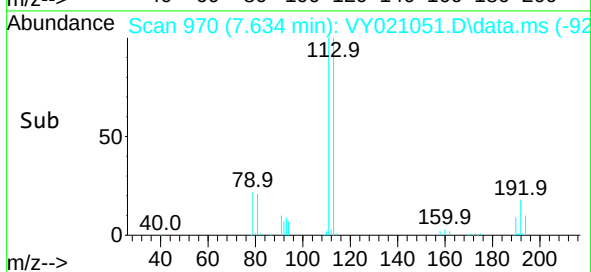
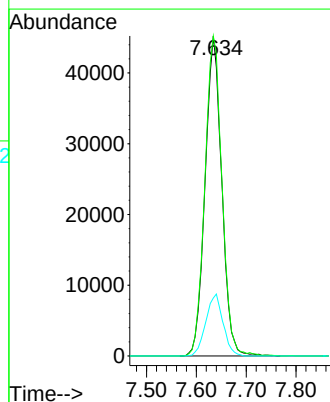
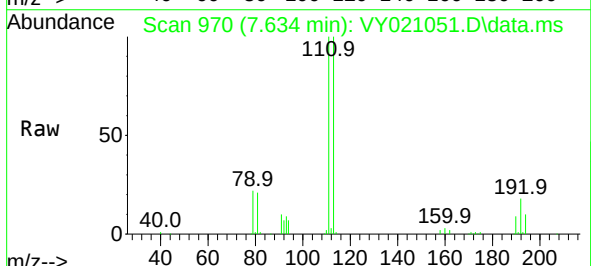
Tgt Ion:113 Resp: 104774

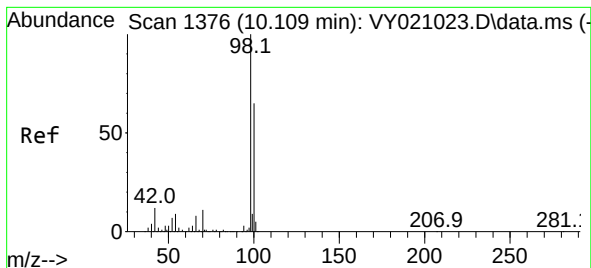
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 20.0 14.5 21.7

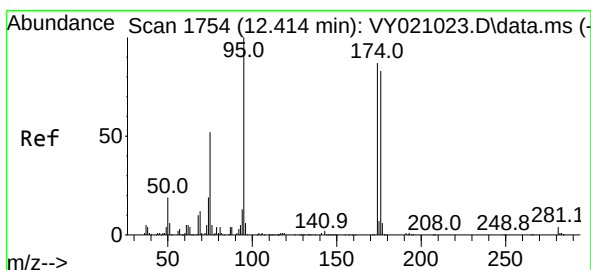
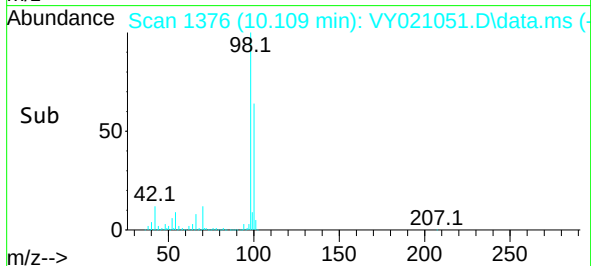
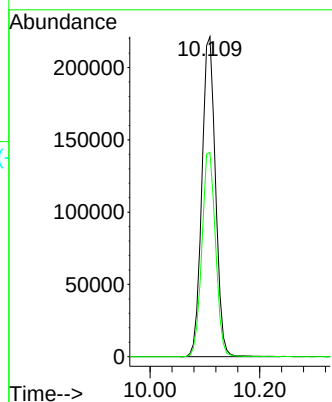
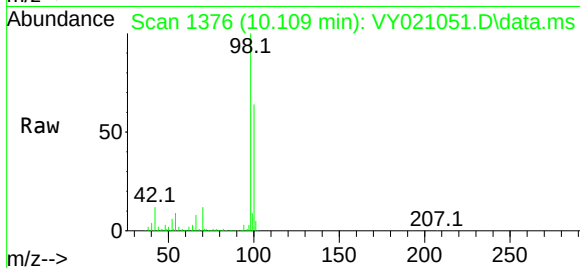




#50
Toluene-d8
Concen: 49.722 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

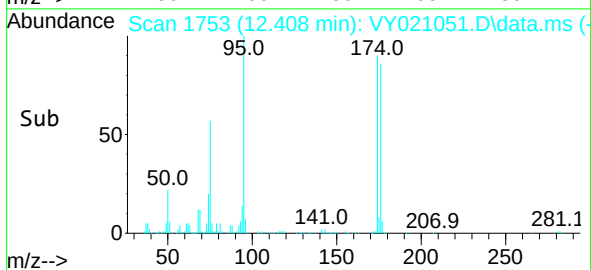
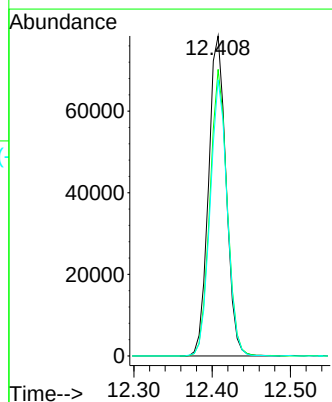
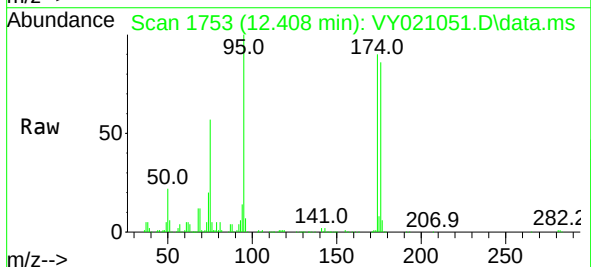
Instrument :
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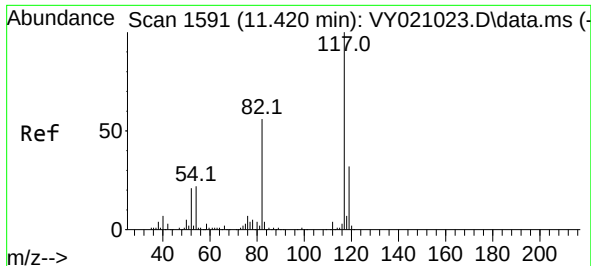
Tgt Ion: 98 Resp: 381221
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.569 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

Tgt Ion: 95 Resp: 121656
Ion Ratio Lower Upper
95 100
174 88.0 0.0 160.0
176 84.0 0.0 151.8

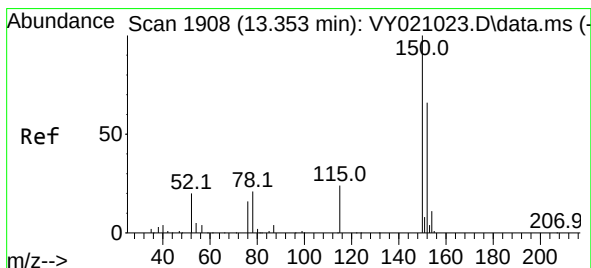
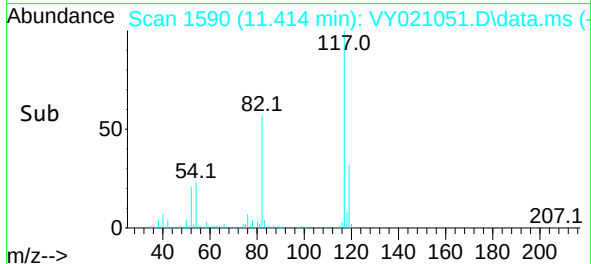
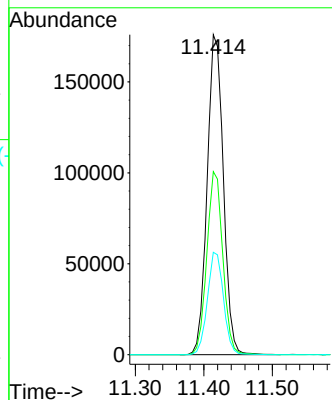
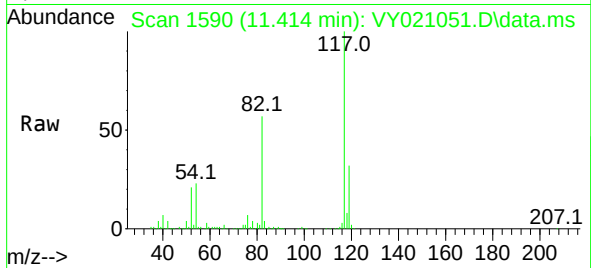




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

Instrument :
MSVOA_Y
ClientSampleId :
JPP-20.2-012725

Tgt Ion:117 Resp: 289240
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 32.0 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: VY021051.D
Acq: 04 Feb 2025 12:19

Tgt Ion:152 Resp: 116962
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.0
150 155.8 0.0 344.6

