

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021040.D
 Acq On : 03 Feb 2025 19:21
 Operator : SY/MD
 Sample : Q1206-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-16.3-012725

Quant Time: Feb 04 00:59:27 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	7.713	168	171656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	325368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	120880	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103772	59.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.000%
35) Dibromofluoromethane	7.634	113	108839	52.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.400%
50) Toluene-d8	10.109	98	397399	50.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.408	95	125658	48.452	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.900%

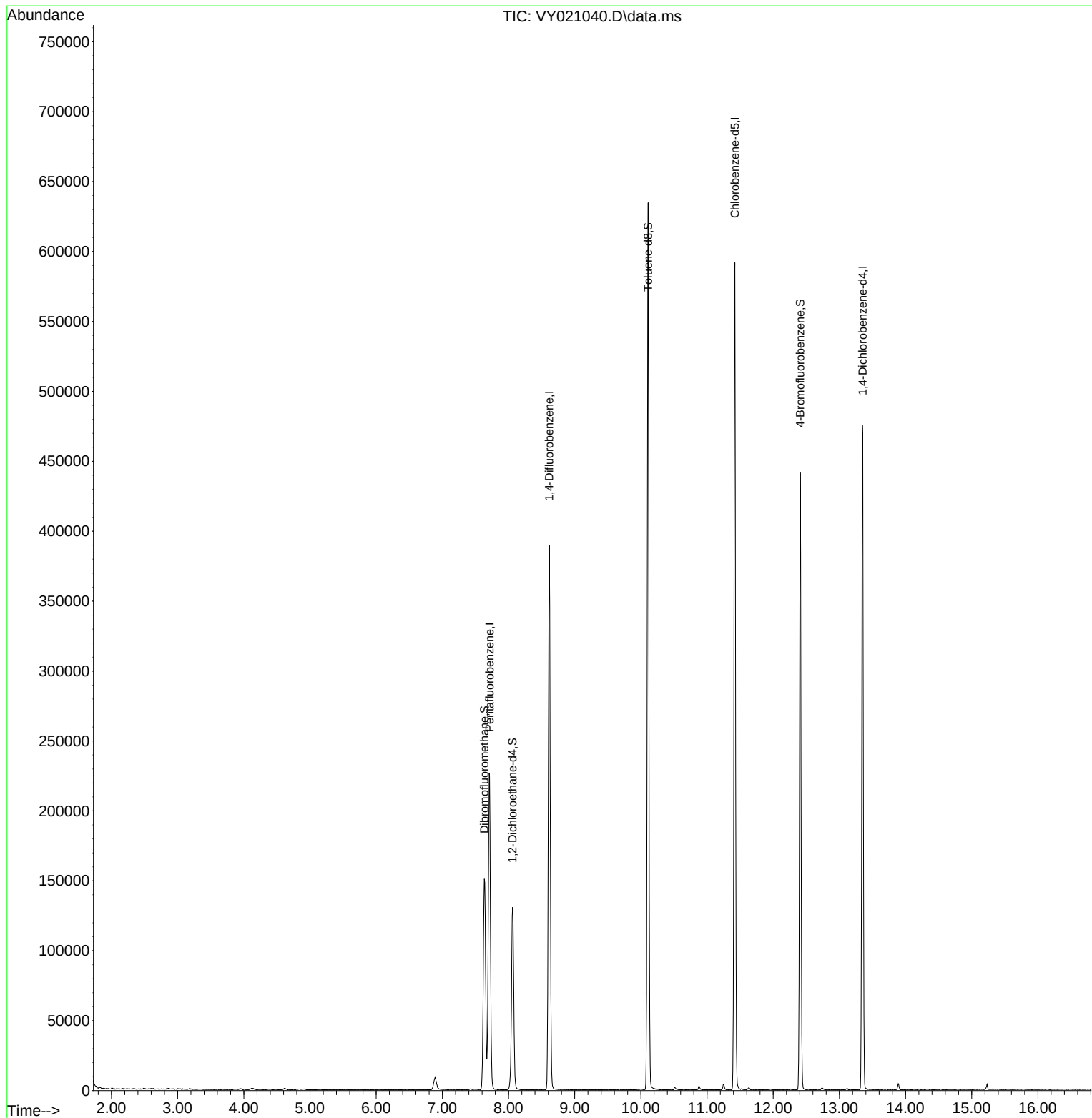
Target Compounds	Qvalue

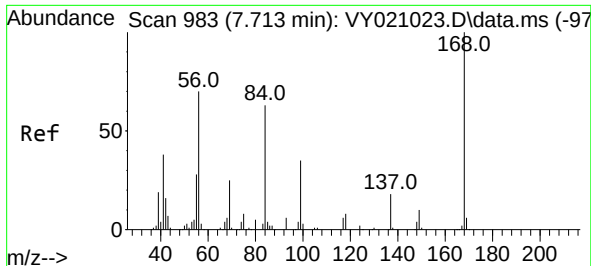
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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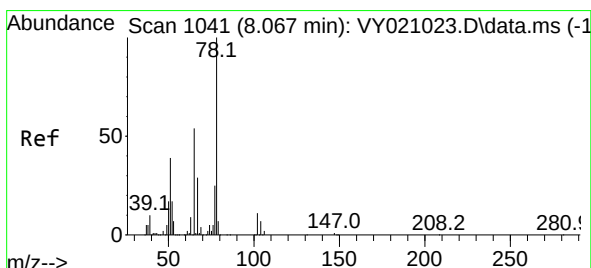
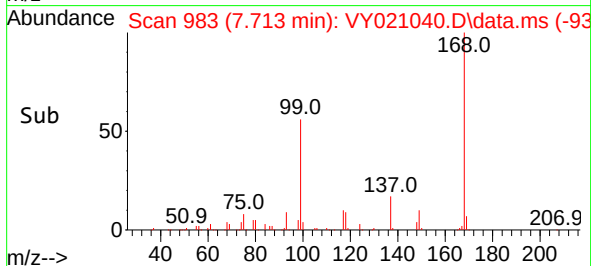
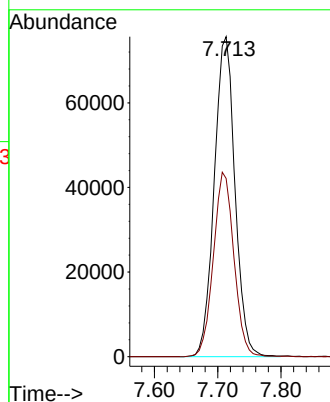
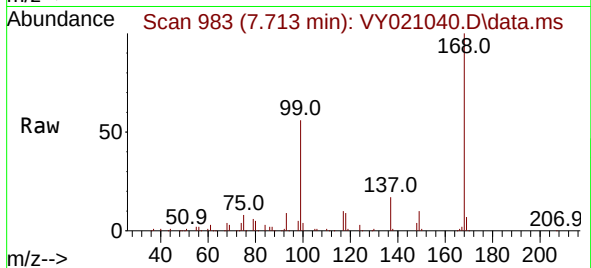




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

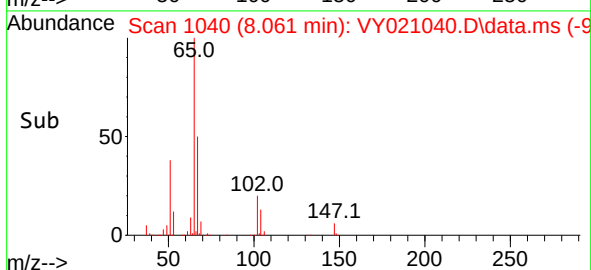
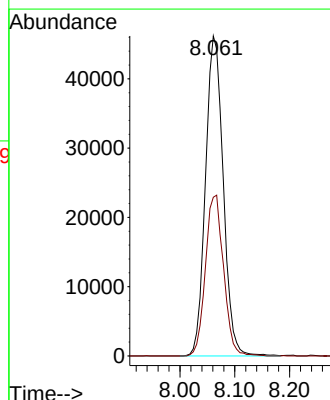
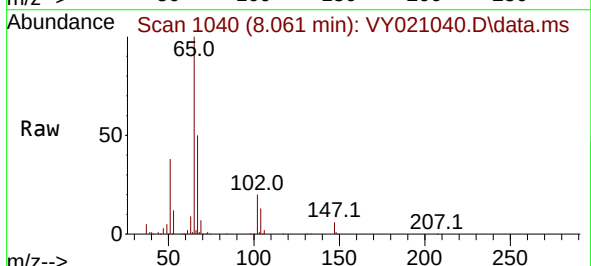
Instrument :
MSVOA_Y
ClientSampleId :
JPP-16.3-012725

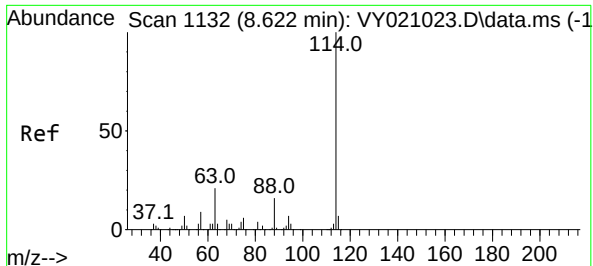
Tgt Ion:168 Resp: 171656
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 59.003 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

Tgt Ion: 65 Resp: 103772
Ion Ratio Lower Upper
65 100
67 51.2 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: VY021040.D

Acq: 03 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

JPP-16.3-012725

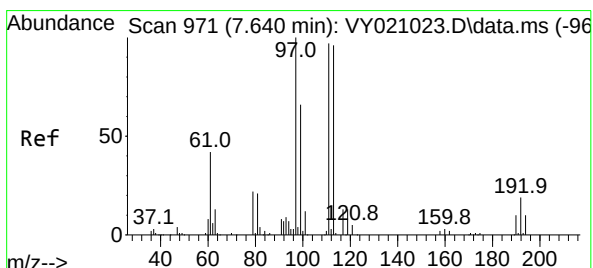
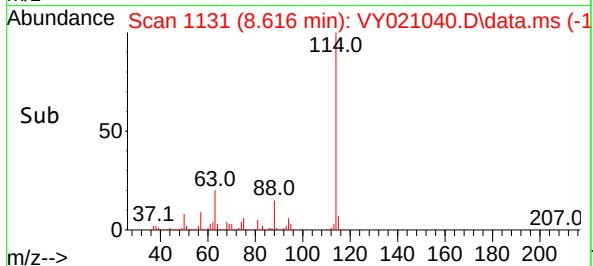
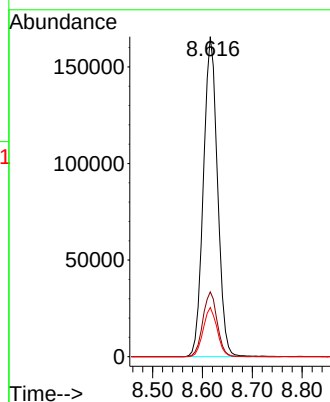
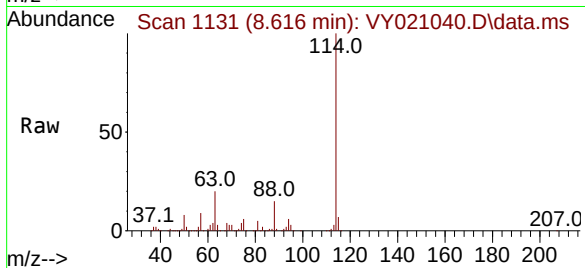
Tgt Ion:114 Resp: 325368

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.197 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021040.D

Acq: 03 Feb 2025 19:21

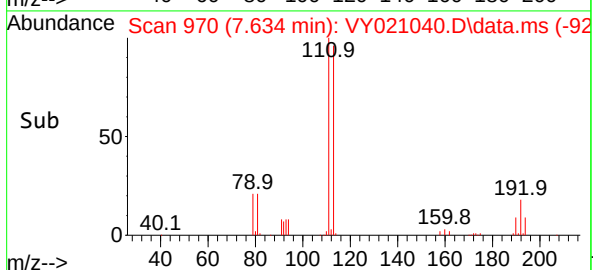
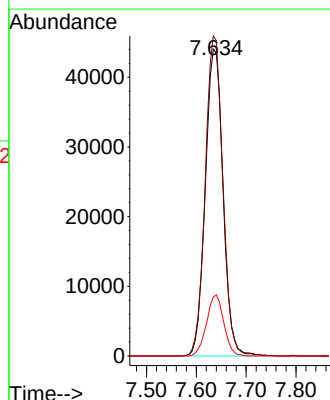
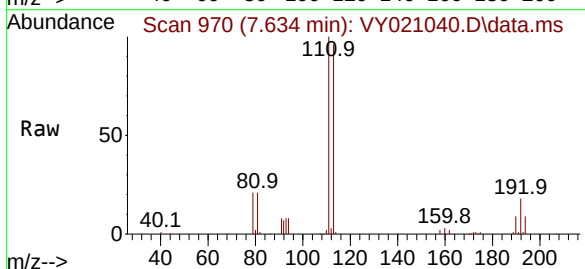
Tgt Ion:113 Resp: 108839

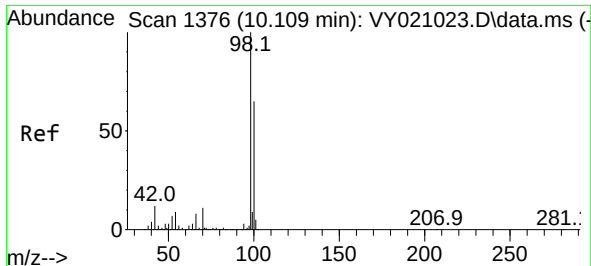
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 19.3 14.5 21.7

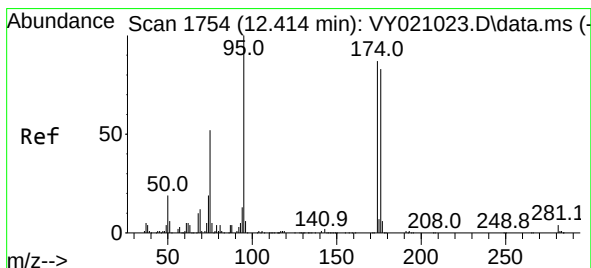
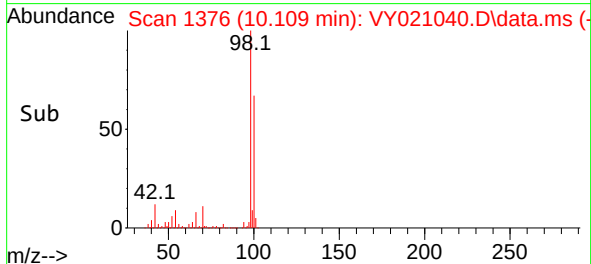
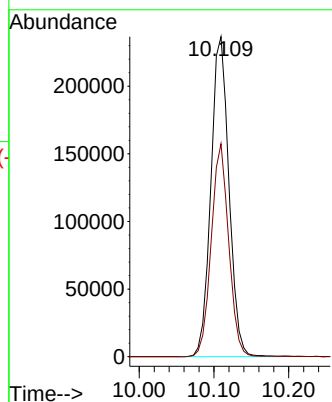
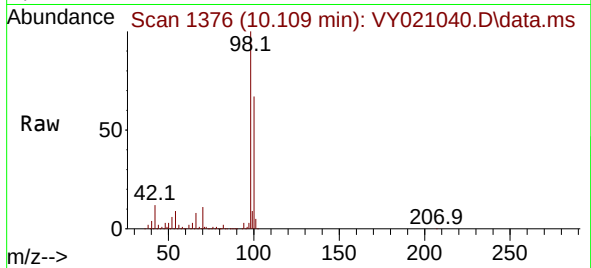




#50
Toluene-d8
Concen: 50.060 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

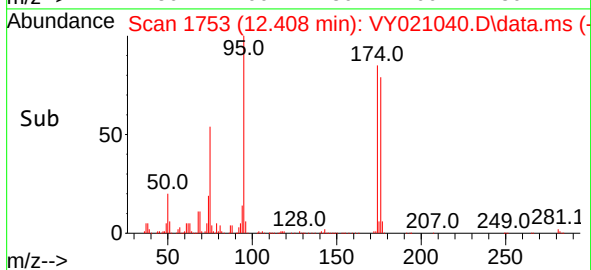
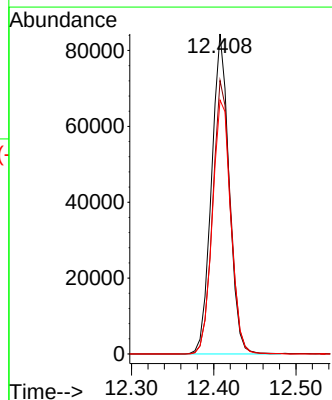
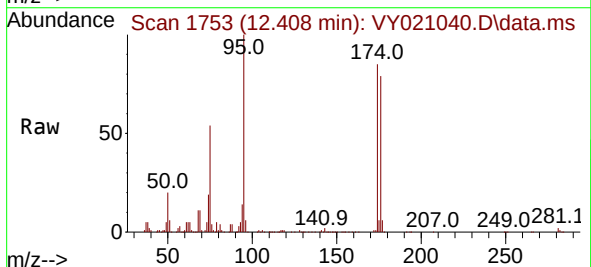
Instrument :
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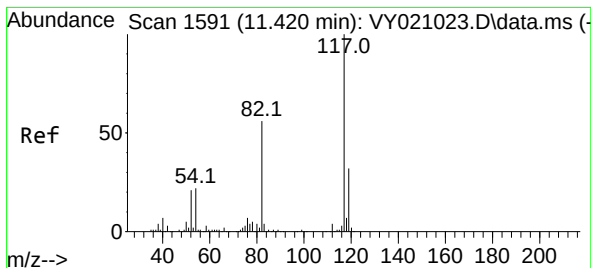
Tgt Ion: 98 Resp: 397399
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.452 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

Tgt Ion: 95 Resp: 125658
Ion Ratio Lower Upper
95 100
174 86.5 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: VY021040.D

Acq: 03 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

JPP-16.3-012725

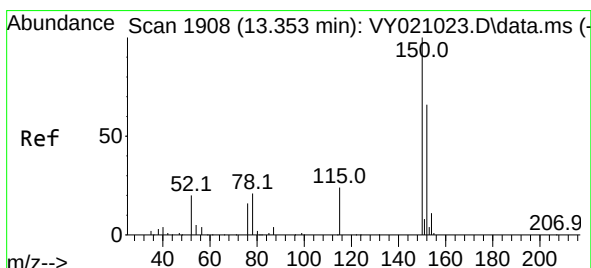
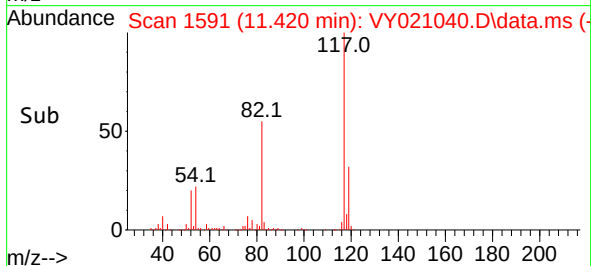
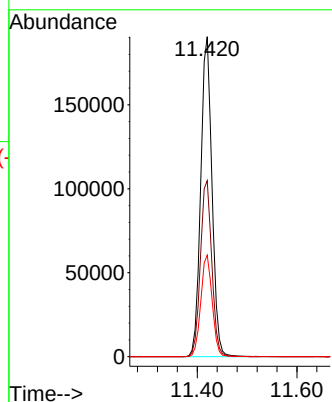
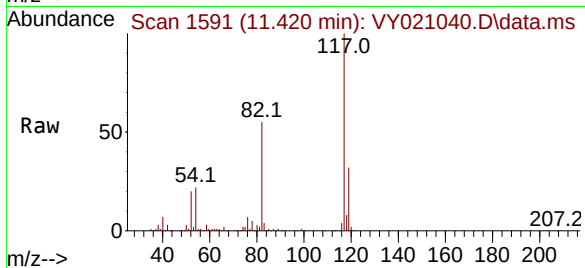
Tgt Ion:117 Resp: 298186

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 31.8 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: VY021040.D

Acq: 03 Feb 2025 19:21

Tgt Ion:152 Resp: 120880

Ion Ratio Lower Upper

152 100

115 57.6 30.0 90.0

150 157.6 0.0 344.6

