

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020986.D
 Acq On : 30 Jan 2025 15:26
 Operator : SY/MD
 Sample : Q1206-05
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-16.3-012725

Quant Time: Jan 31 04:41:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	334296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	513886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	376362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	132171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	120643	42.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.780%
35) Dibromofluoromethane	7.640	113	130327	42.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.380%
50) Toluene-d8	10.109	98	458890	38.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.120%
62) 4-Bromofluorobenzene	12.414	95	122132	30.185	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	60.360%

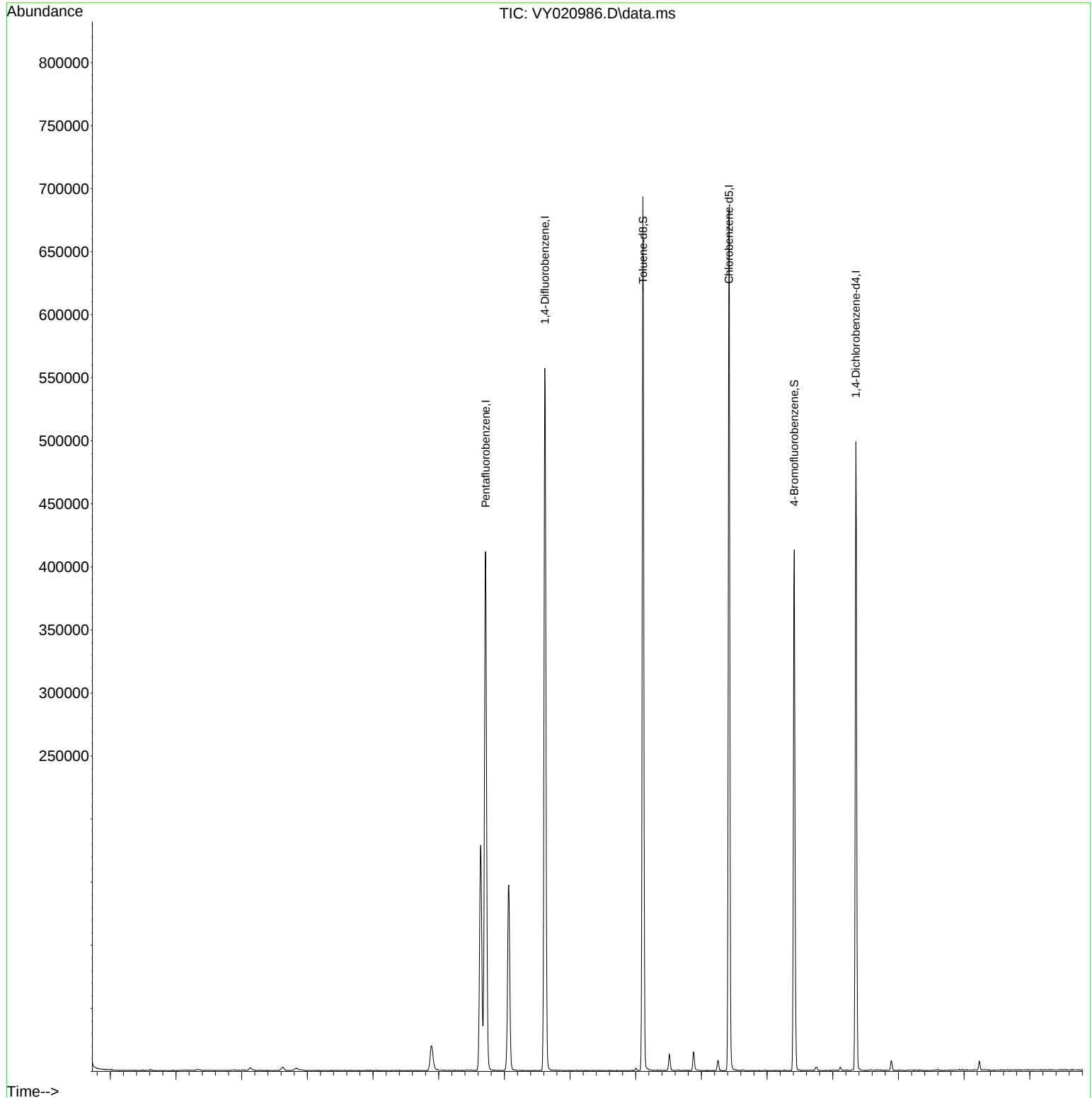
Target Compounds Qvalue

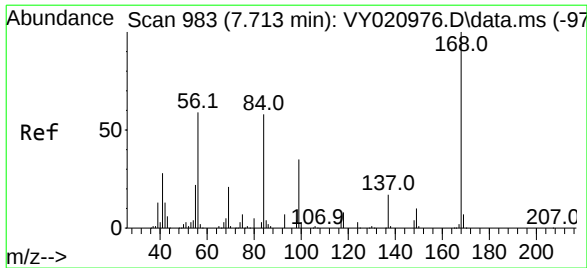
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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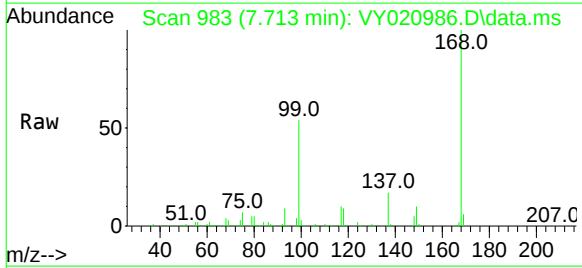
Quant Time: Jan 31 04:41:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
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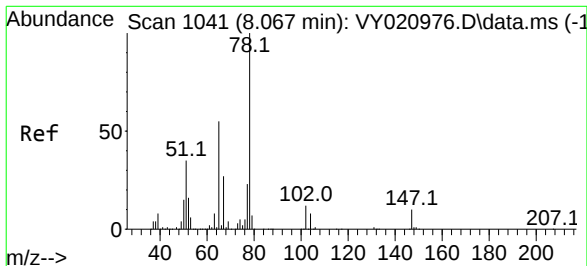
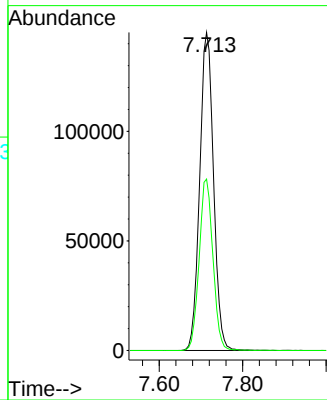
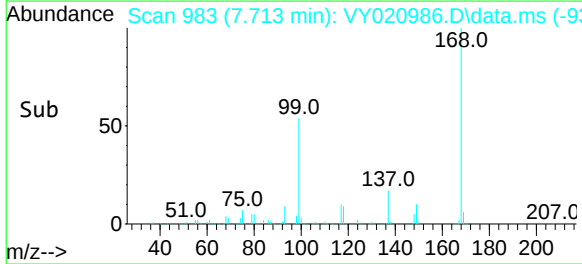


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26

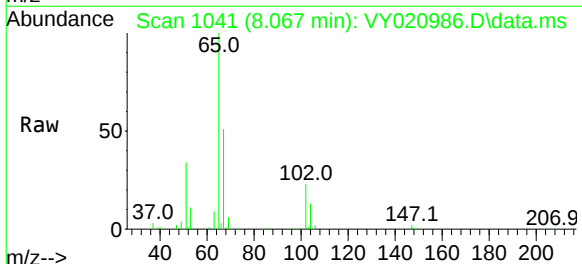
Instrument :
MSVOA_Y
ClientSampleId :
JPP-16.3-012725



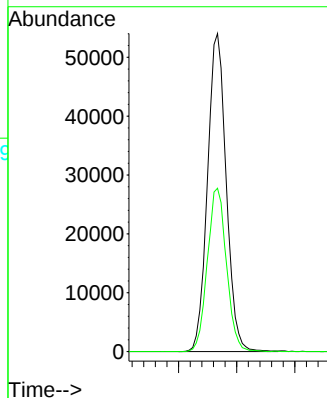
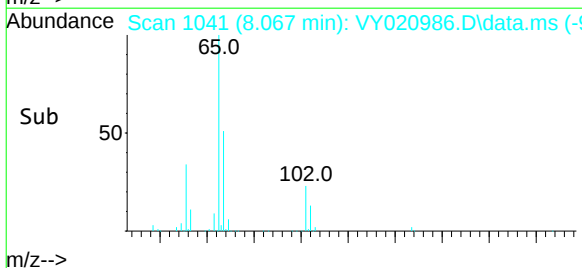
Tgt Ion: 168 Resp: 334296
Ion Ratio Lower Upper
168 100
99 53.9 42.2 63.2

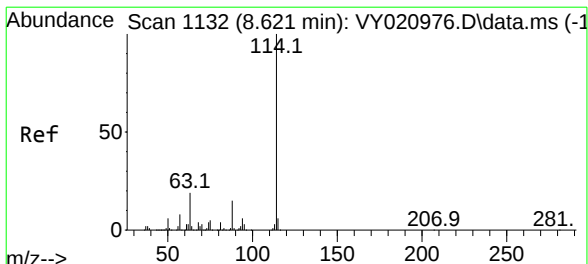


#33
1,2-Dichloroethane-d4
Concen: 42.387 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020986.D
Acq: 30 Jan 2025 15:26



Tgt Ion: 65 Resp: 120643
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4

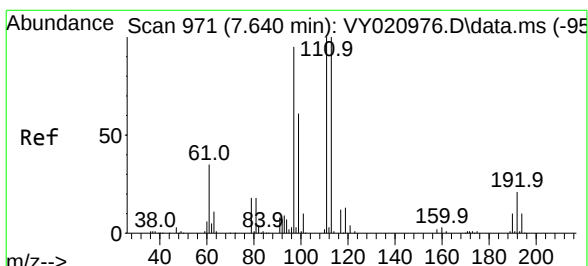
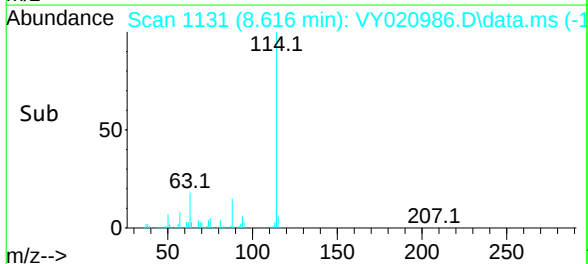
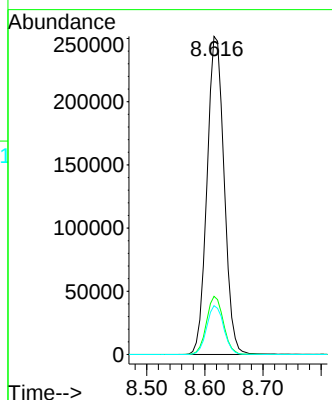
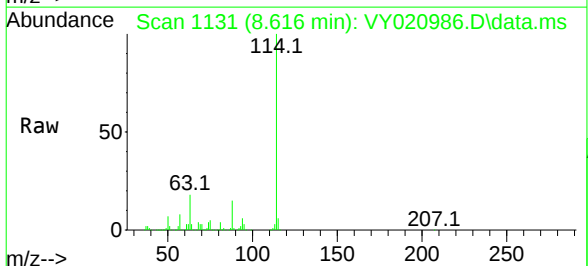




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY020986.D
 Acq: 30 Jan 2025 15:26

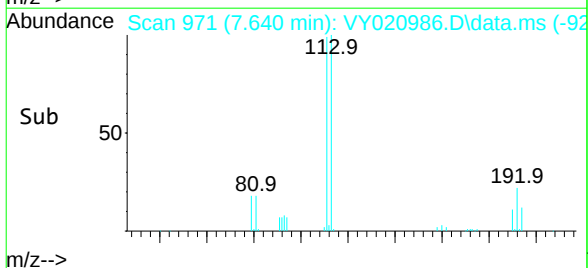
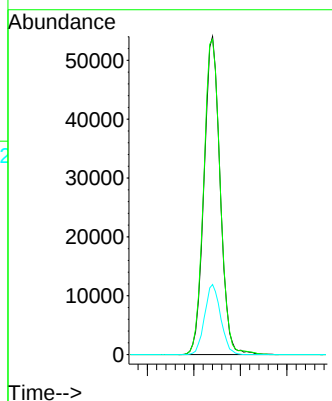
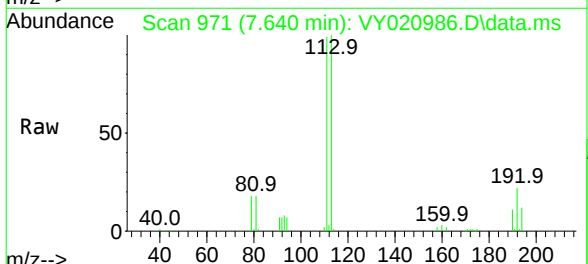
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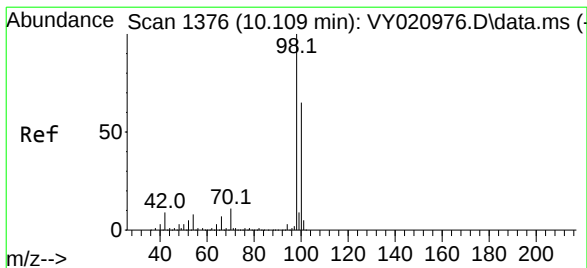
Tgt Ion:	114	Resp:	513886
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.2
88	15.4	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 42.185 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.000 min
 Lab File: VY020986.D
 Acq: 30 Jan 2025 15:26

Tgt Ion:	113	Resp:	130327
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	21.9	16.8	25.2





#50

Toluene-d8

Concen: 38.057 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020986.D

Acq: 30 Jan 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

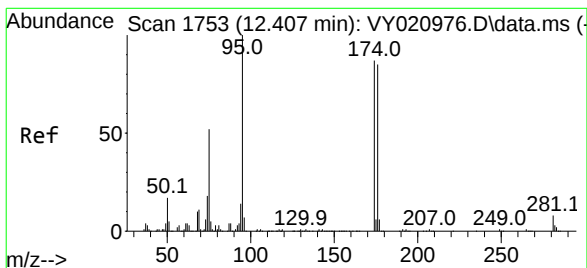
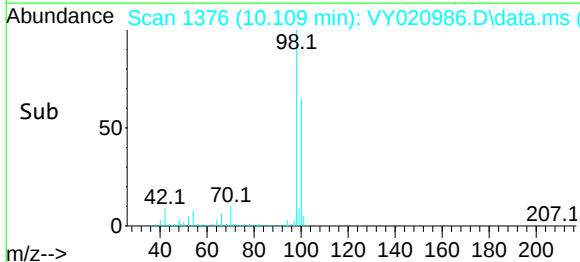
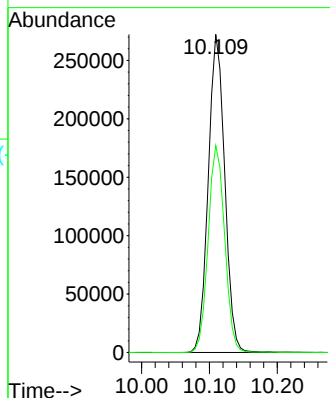
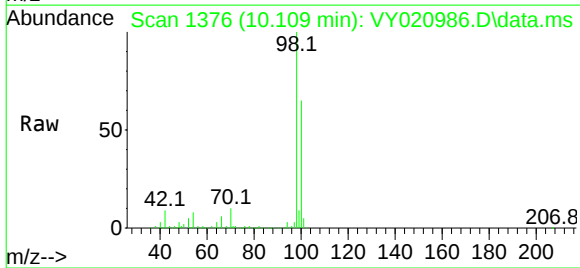
JPP-16.3-012725

Tgt Ion: 98 Resp: 458890

Ion Ratio Lower Upper

98 100

100 65.2 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 30.185 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.007 min

Lab File: VY020986.D

Acq: 30 Jan 2025 15:26

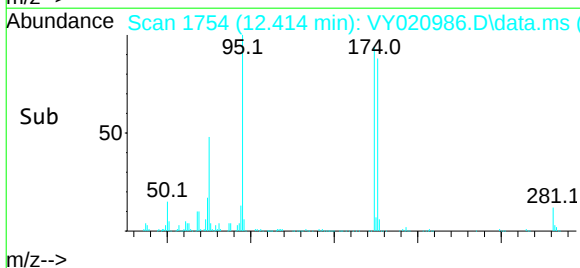
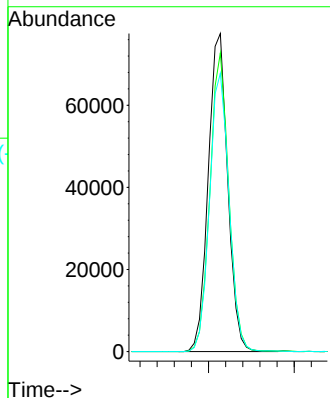
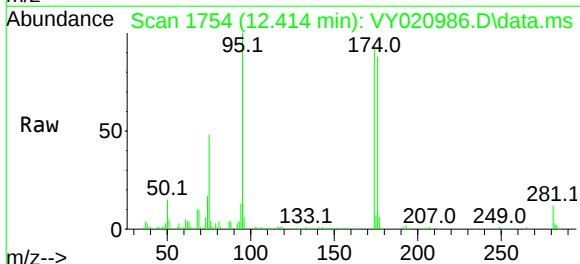
Tgt Ion: 95 Resp: 122132

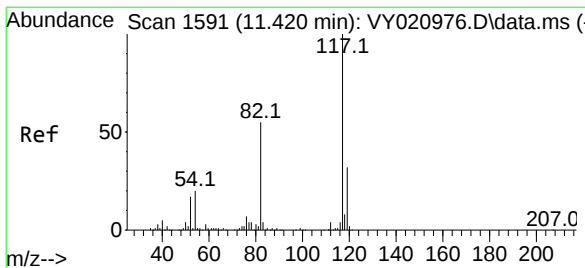
Ion Ratio Lower Upper

95 100

174 91.0 0.0 181.2

176 87.8 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020986.D

Acq: 30 Jan 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

JPP-16.3-012725

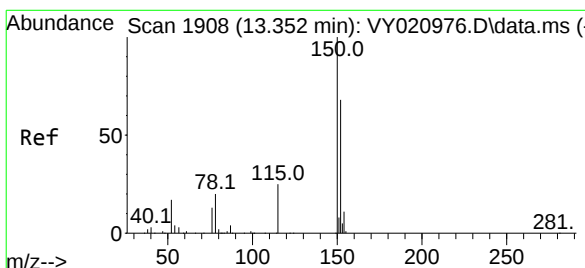
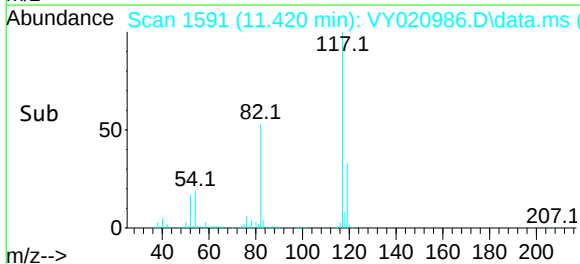
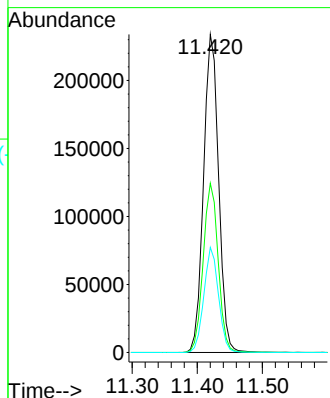
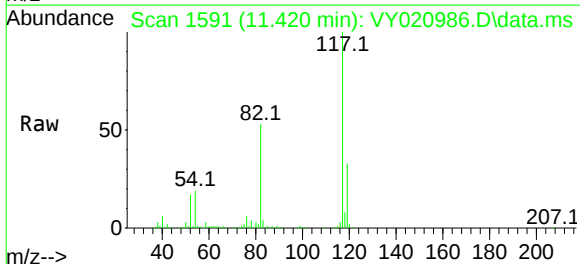
Tgt Ion:117 Resp: 376362

Ion Ratio Lower Upper

117 100

82 53.2 44.2 66.2

119 33.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020986.D

Acq: 30 Jan 2025 15:26

Tgt Ion:152 Resp: 132171

Ion Ratio Lower Upper

152 100

115 56.7 28.4 85.2

150 157.6 0.0 342.8

