

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020990.D
 Acq On : 30 Jan 2025 16:57
 Operator : SY/MD
 Sample : Q1207-13
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-16.2-012725

Quant Time: Jan 31 04:42:52 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	306661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	465312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	367836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	160858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	109353	41.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.760%
35) Dibromofluoromethane	7.634	113	114738	41.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.040%
50) Toluene-d8	10.109	98	423578	38.795	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.600%
62) 4-Bromofluorobenzene	12.408	95	131381	35.860	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.720%

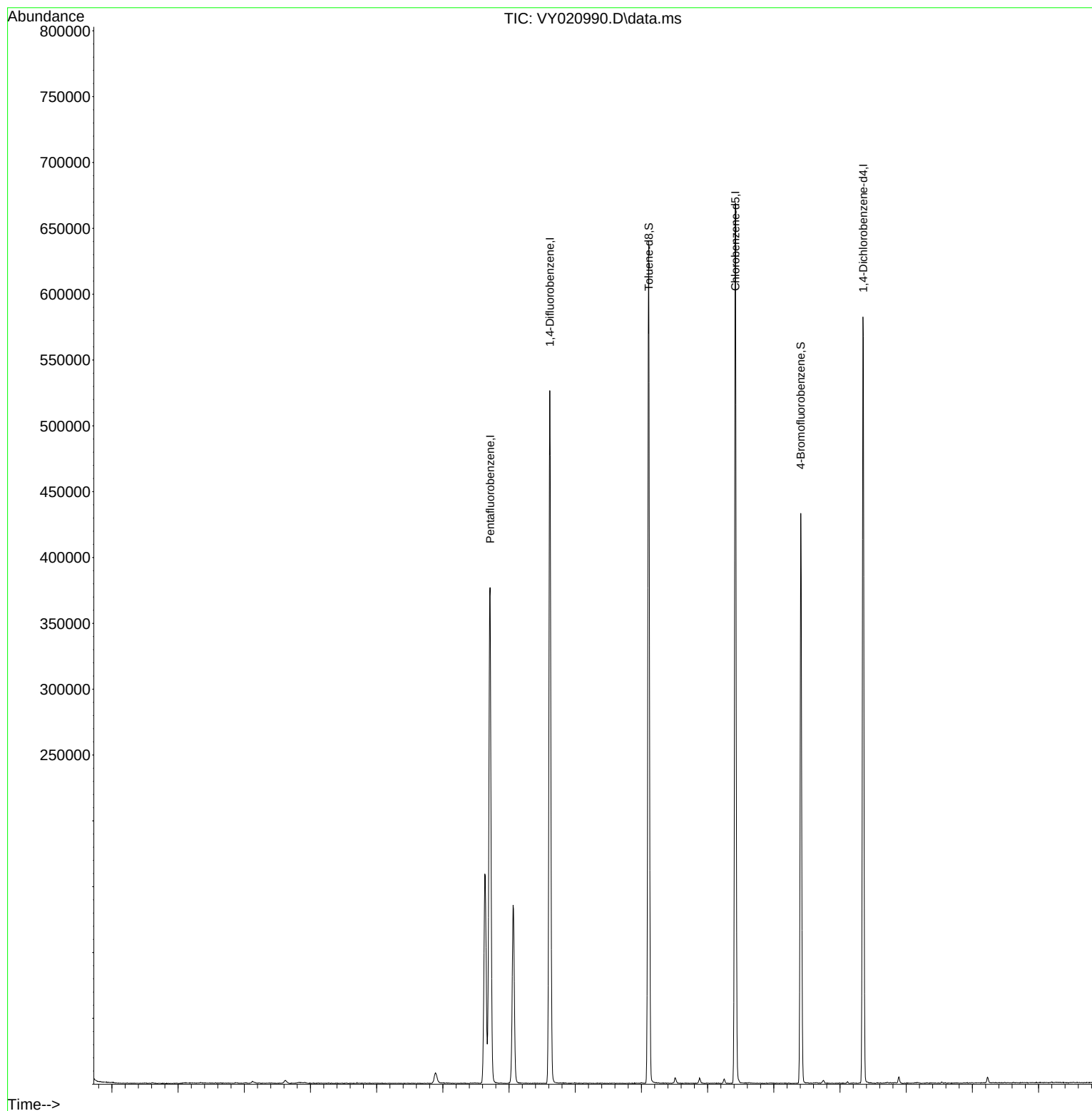
Target Compounds Qvalue

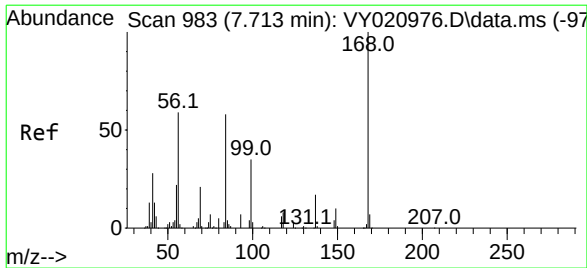
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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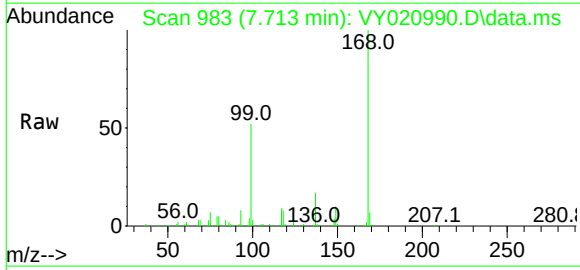
Quant Time: Jan 31 04:42:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
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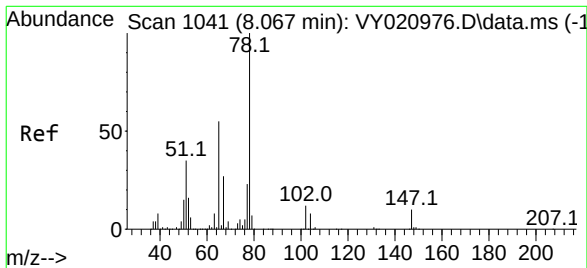
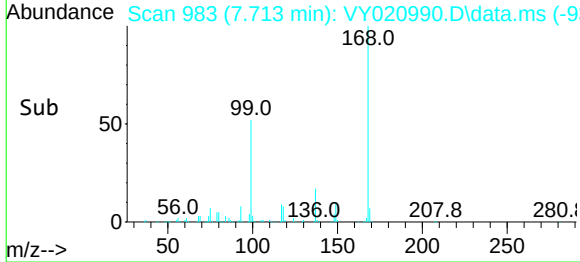
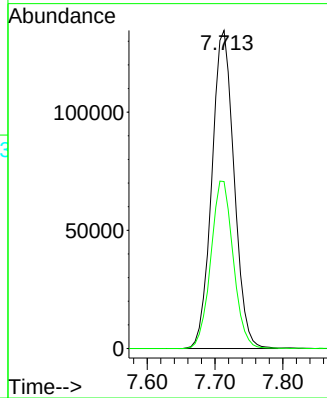


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020990.D
Acq: 30 Jan 2025 16:57

Instrument :
MSVOA_Y
ClientSampleId :
JPP-16.2-012725

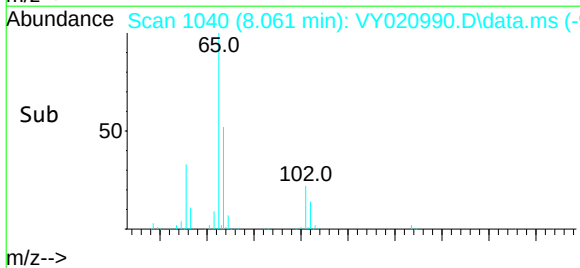
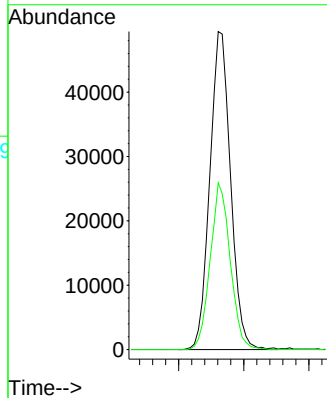
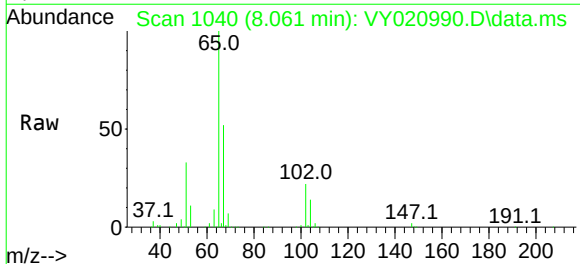


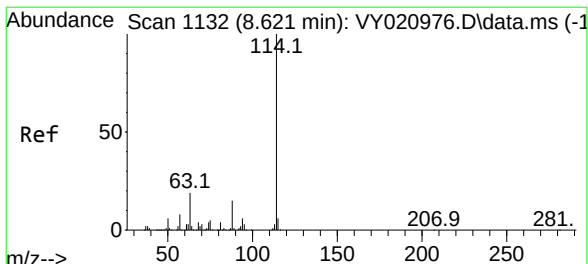
Tgt Ion:168 Resp: 306661
Ion Ratio Lower Upper
168 100
99 52.5 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 41.883 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020990.D
Acq: 30 Jan 2025 16:57

Tgt Ion: 65 Resp: 109353
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

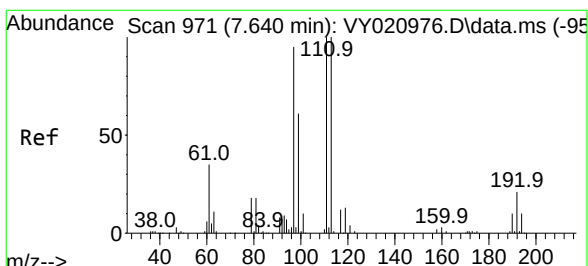
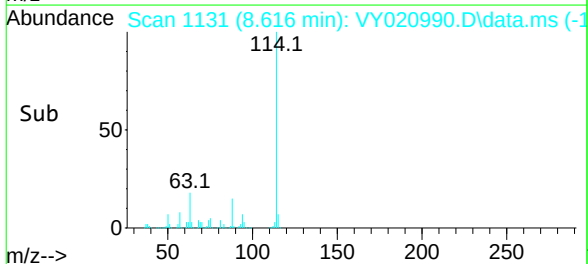
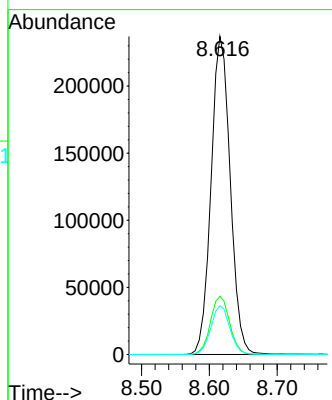
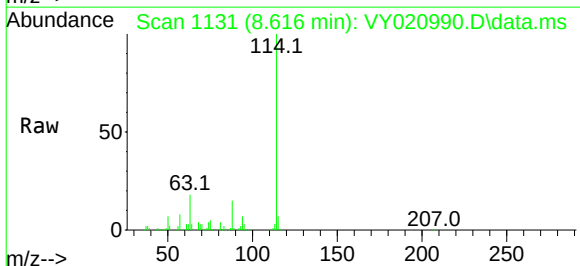




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020990.D
 Acq: 30 Jan 2025 16:57

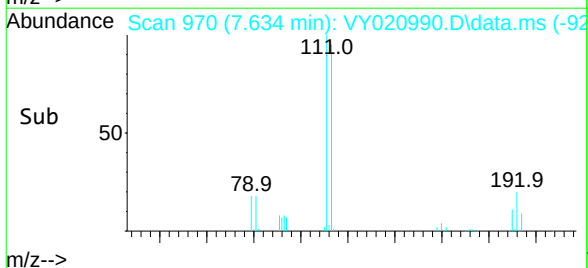
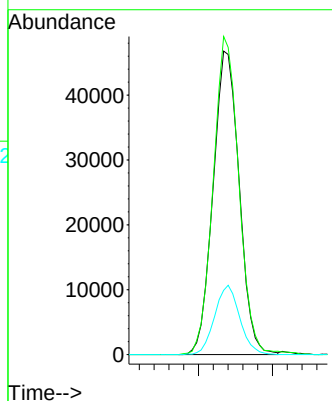
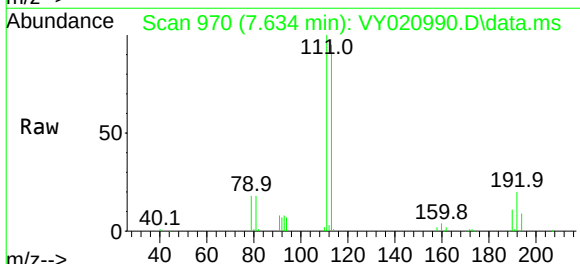
Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-16.2-012725

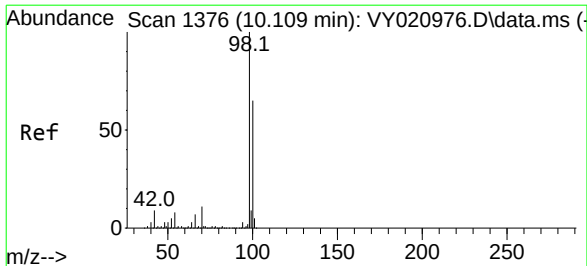
Tgt Ion:	114	Resp:	465312
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.2
88	15.3	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 41.016 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.006 min
 Lab File: VY020990.D
 Acq: 30 Jan 2025 16:57

Tgt Ion:	113	Resp:	114738
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	21.9	16.8	25.2





#50

Toluene-d8

Concen: 38.795 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020990.D

Acq: 30 Jan 2025 16:57

Instrument :

MSVOA_Y

ClientSampleId :

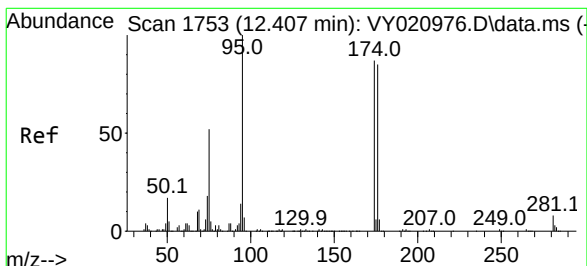
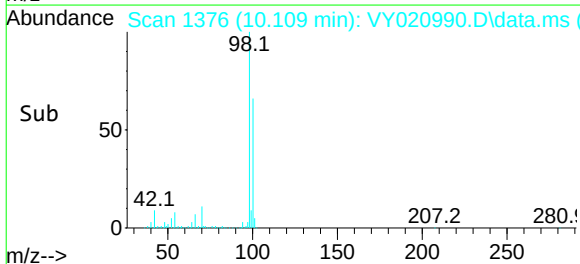
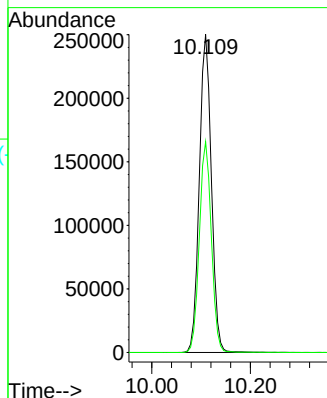
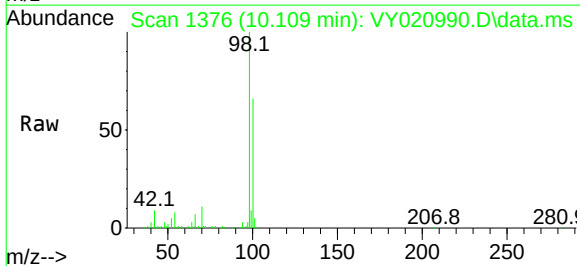
JPP-16.2-012725

Tgt Ion: 98 Resp: 423578

Ion Ratio Lower Upper

98 100

100 66.1 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 35.860 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020990.D

Acq: 30 Jan 2025 16:57

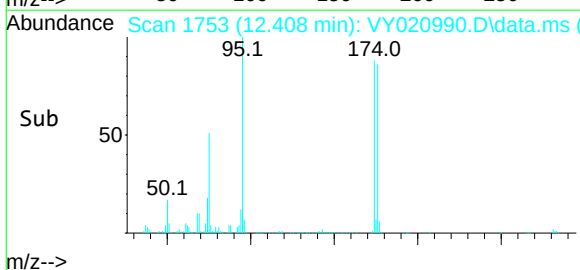
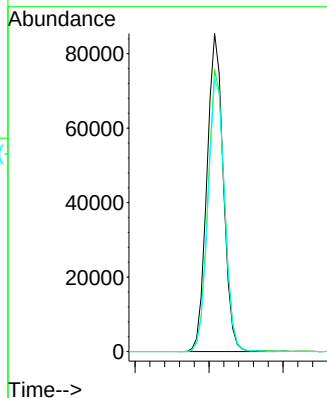
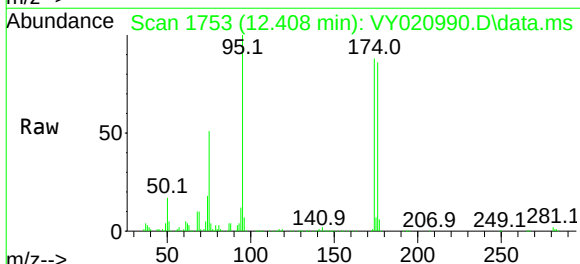
Tgt Ion: 95 Resp: 131381

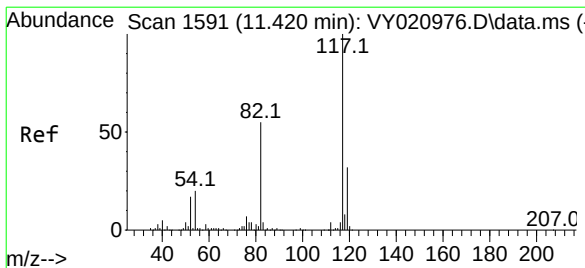
Ion Ratio Lower Upper

95 100

174 89.6 0.0 181.2

176 87.0 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: VY020990.D

Acq: 30 Jan 2025 16:57

Instrument :

MSVOA_Y

ClientSampleId :

JPP-16.2-012725

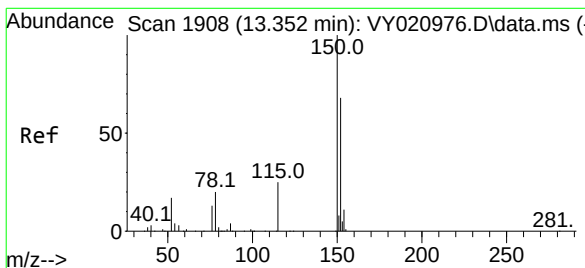
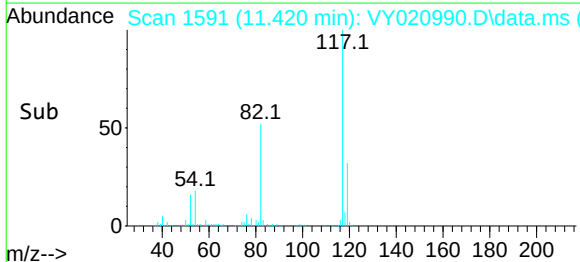
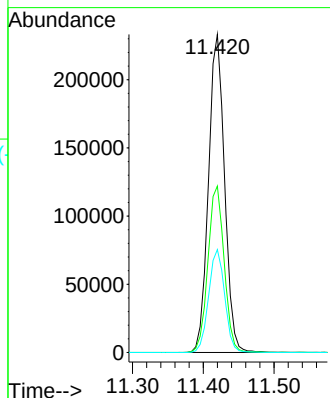
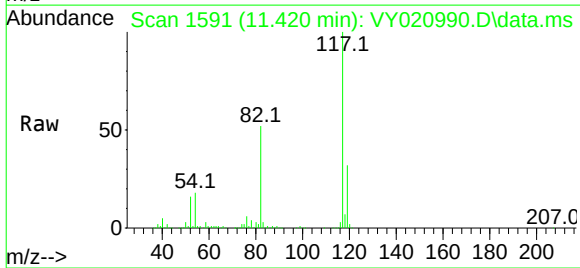
Tgt Ion:117 Resp: 367836

Ion Ratio Lower Upper

117 100

82 52.3 44.2 66.2

119 32.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020990.D

Acq: 30 Jan 2025 16:57

Tgt Ion:152 Resp: 160858

Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.2

150 156.8 0.0 342.8

