

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020994.D
 Acq On : 30 Jan 2025 18:28
 Operator : SY/MD
 Sample : Q1216-13
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-26.1-012825

Quant Time: Jan 31 04:44:04 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	7.707	168	2901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	4087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1537	62.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.460%
35) Dibromofluoromethane	7.640	113	1405	57.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.360%
50) Toluene-d8	10.115	98	3285	34.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.500%
62) 4-Bromofluorobenzene	12.407	95	241	7.489	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	14.980%#

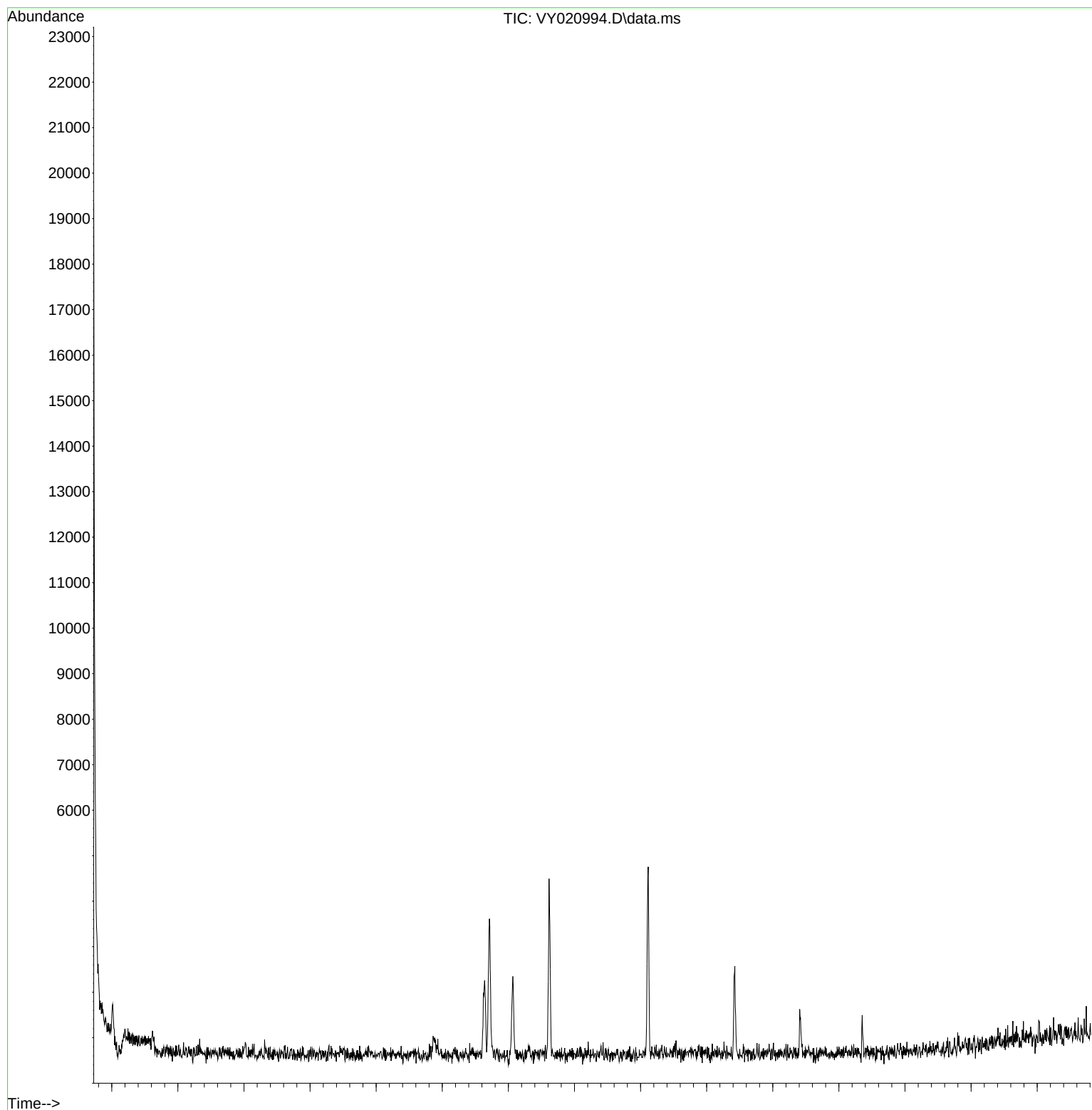
Target Compounds Qvalue

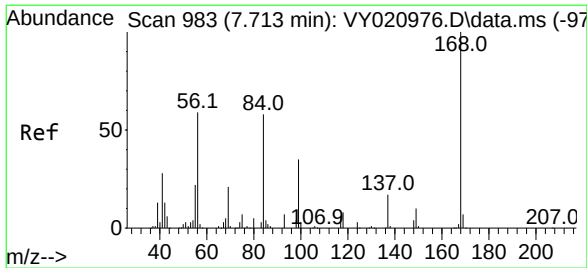
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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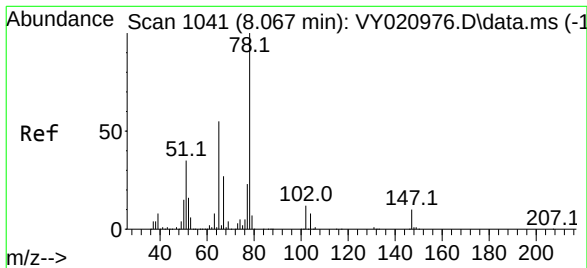
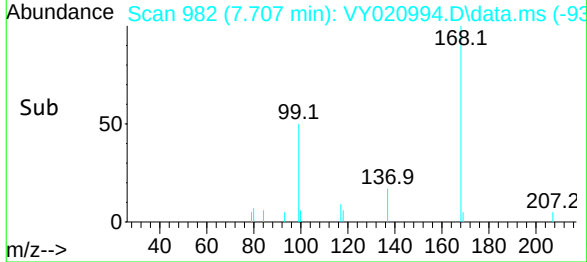
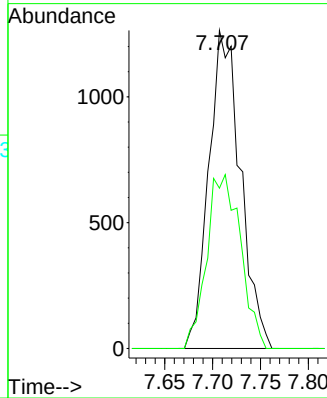
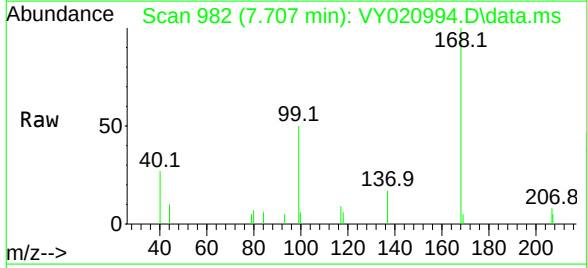




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020994.D
Acq: 30 Jan 2025 18:28

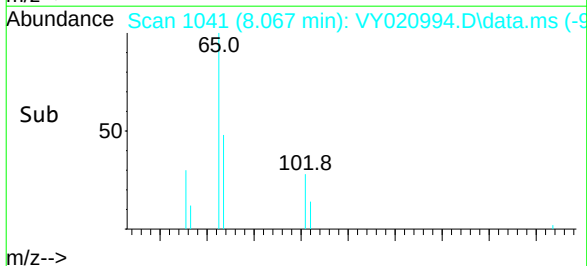
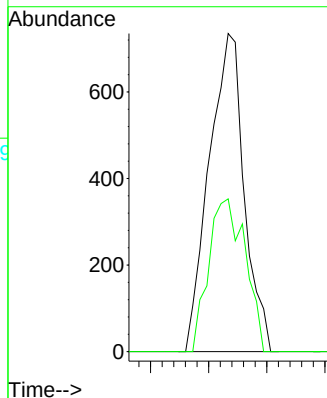
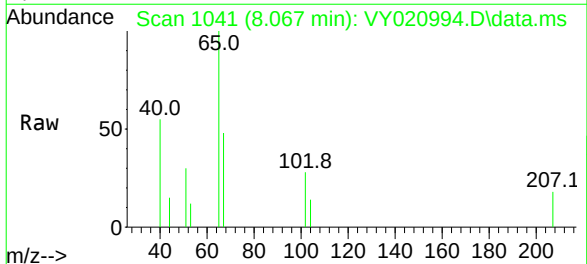
Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.1-012825

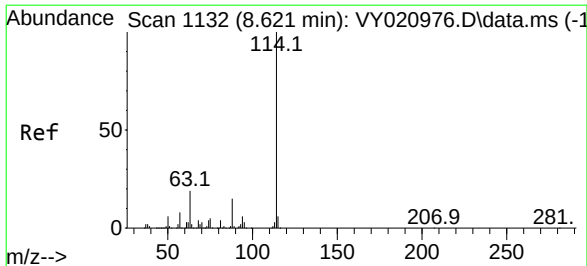
Tgt Ion:168 Resp: 2901
Ion Ratio Lower Upper
168 100
99 50.4 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 62.228 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020994.D
Acq: 30 Jan 2025 18:28

Tgt Ion: 65 Resp: 1537
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4

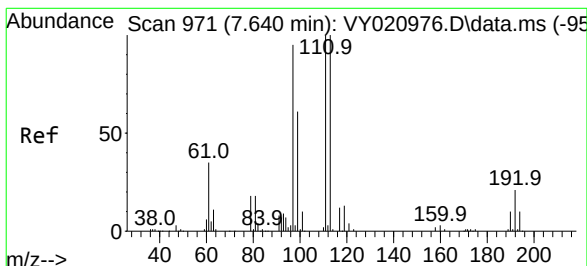
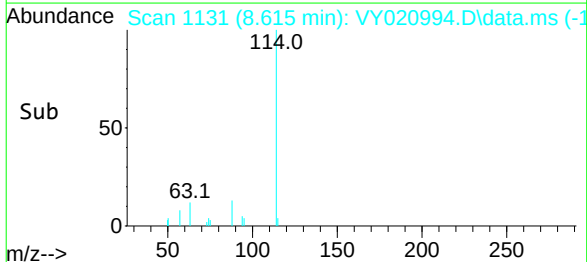
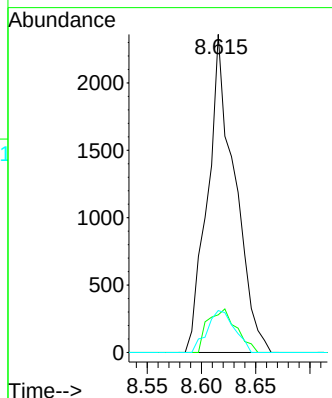
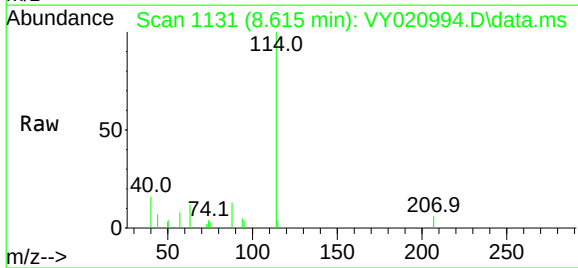




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020994.D
Acq: 30 Jan 2025 18:28

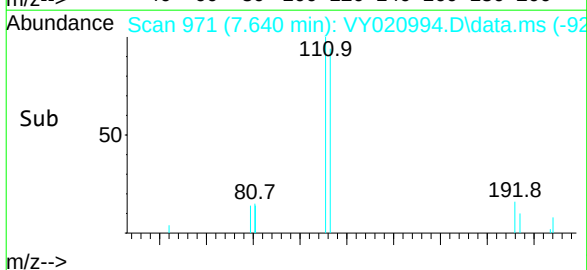
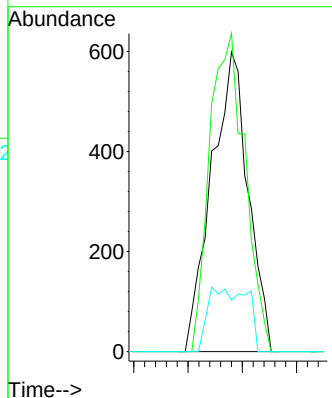
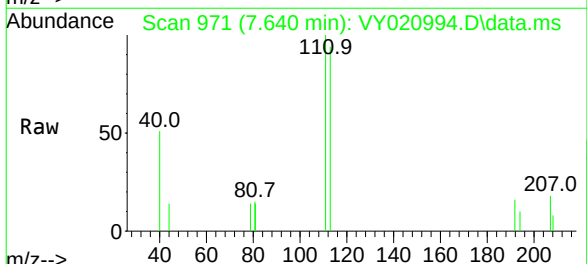
Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.1-012825

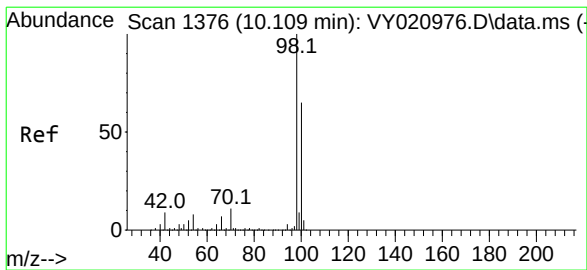
Tgt Ion:	114	Resp:	4087
Ion	Ratio	Lower	Upper
114	100		
63	11.8	0.0	37.2
88	13.2	0.0	29.6



#35
Dibromofluoromethane
Concen: 57.183 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020994.D
Acq: 30 Jan 2025 18:28

Tgt Ion:	113	Resp:	1405
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	13.9	16.8	25.2





#50

Toluene-d8

Concen: 34.255 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020994.D

Acq: 30 Jan 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

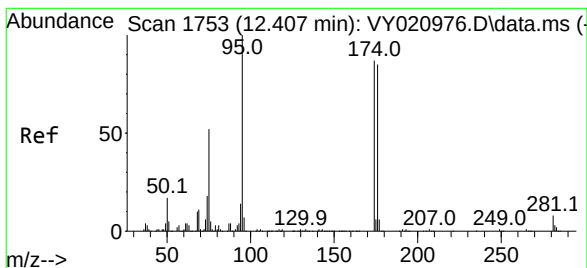
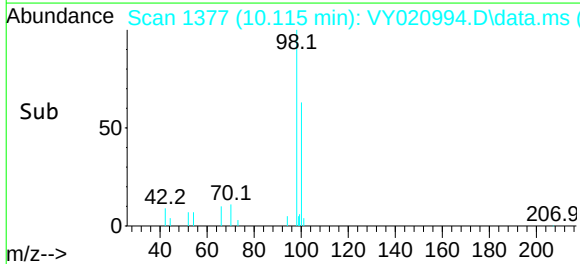
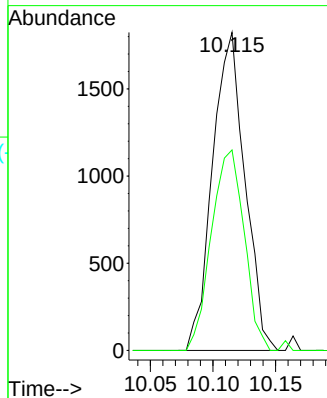
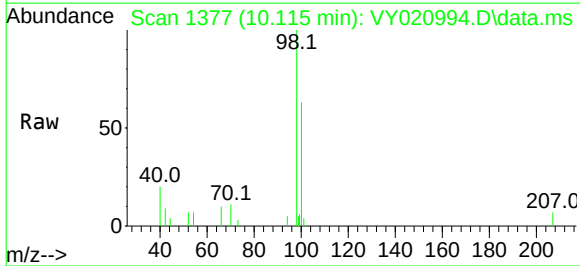
JPP-26.1-012825

Tgt Ion: 98 Resp: 3285

Ion Ratio Lower Upper

98 100

100 63.9 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 7.489 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020994.D

Acq: 30 Jan 2025 18:28

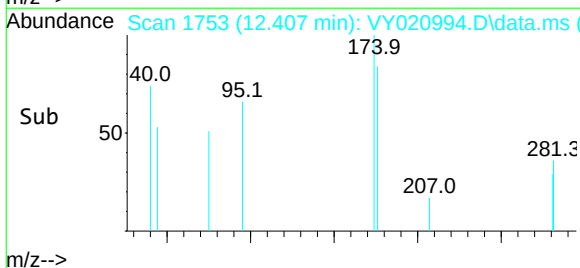
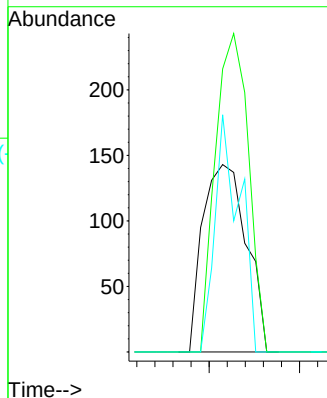
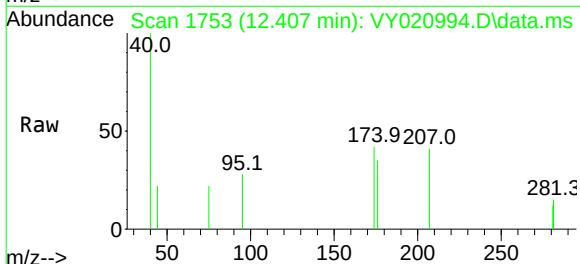
Tgt Ion: 95 Resp: 241

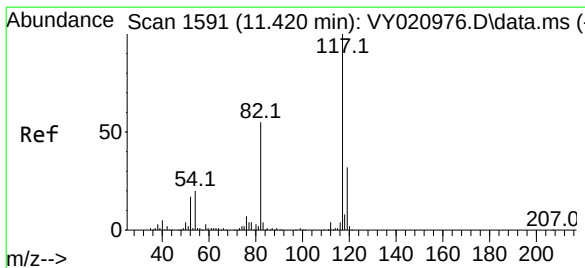
Ion Ratio Lower Upper

95 100

174 128.6 0.0 181.2

176 72.2 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: VY020994.D

Acq: 30 Jan 2025 18:28

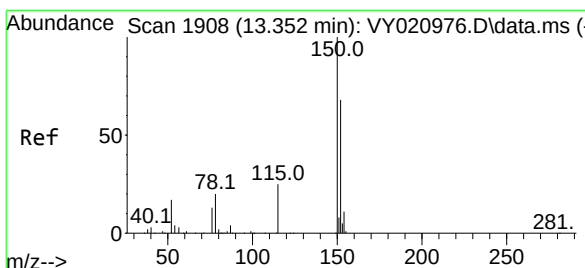
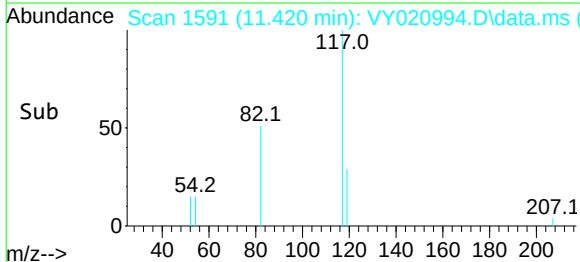
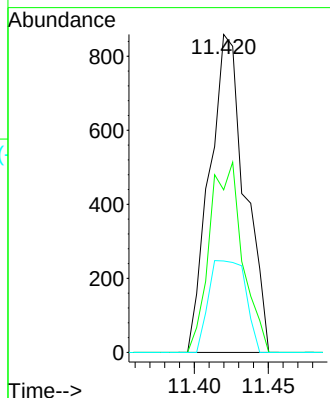
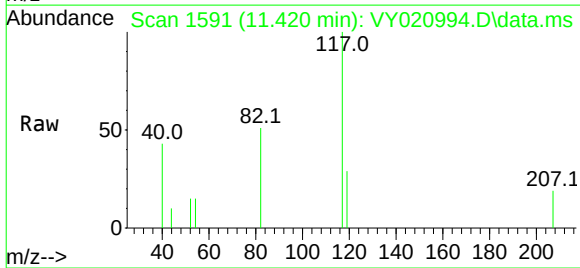
Instrument :

MSVOA_Y

ClientSampleId :

JPP-26.1-012825

Tgt Ion:	117	Resp:	1427
Ion	Ratio	Lower	Upper
117	100		
82	51.1	44.2	66.2
119	28.8	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: VY020994.D

Acq: 30 Jan 2025 18:28

Tgt Ion:	152	Resp:	260
Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.4	85.2
150	131.5	0.0	342.8

