

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020991.D
 Acq On : 30 Jan 2025 17:20
 Operator : SY/MD
 Sample : Q1207-17
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-20.2-012725

Quant Time: Jan 31 04:43:10 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	341270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	508611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	380954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	136992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116919	40.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.480%
35) Dibromofluoromethane	7.634	113	127198	41.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.200%
50) Toluene-d8	10.109	98	460265	38.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.140%
62) 4-Bromofluorobenzene	12.408	95	122955	30.703	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	61.400%

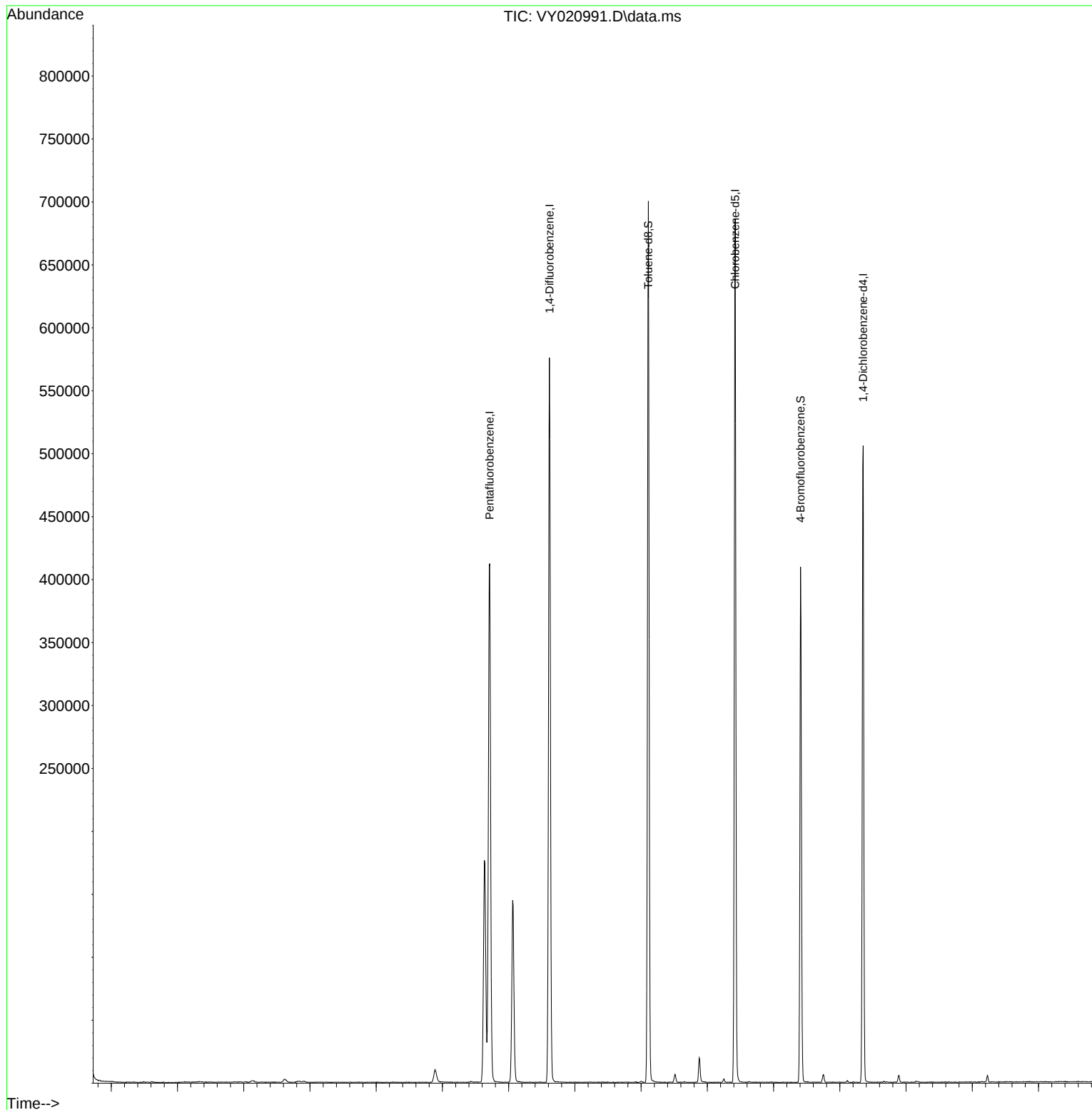
Target Compounds Qvalue

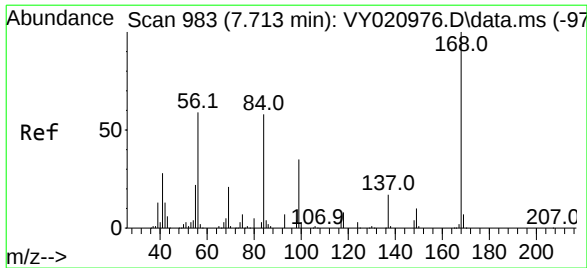
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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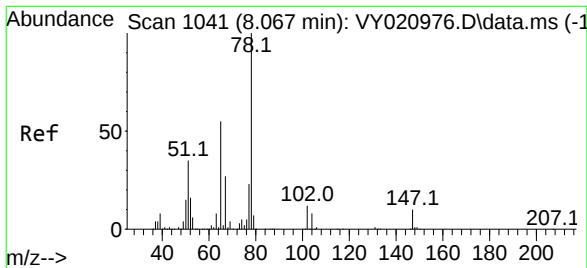
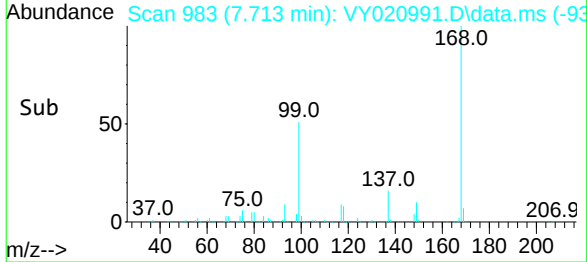
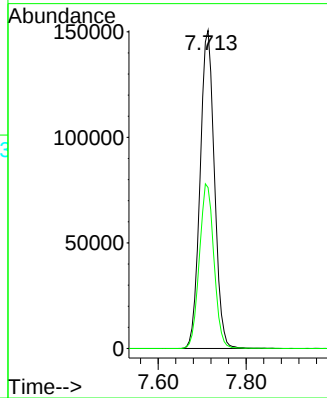
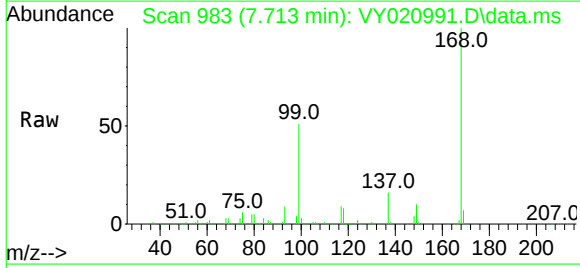




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020991.D
Acq: 30 Jan 2025 17:20

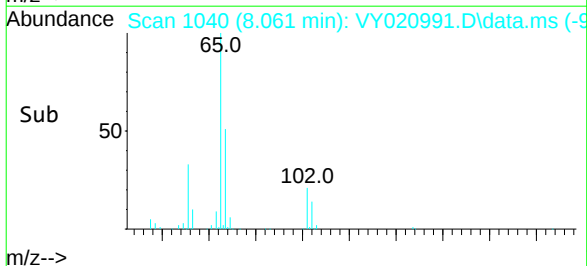
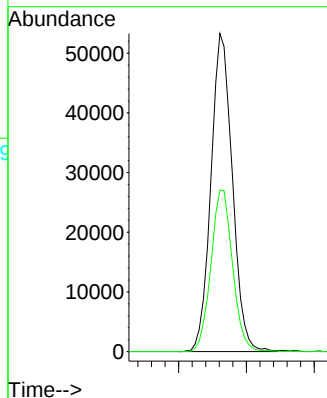
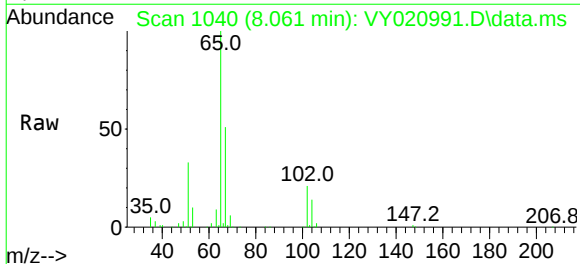
Instrument :
MSVOA_Y
ClientSampleId :
JPP-20.2-012725

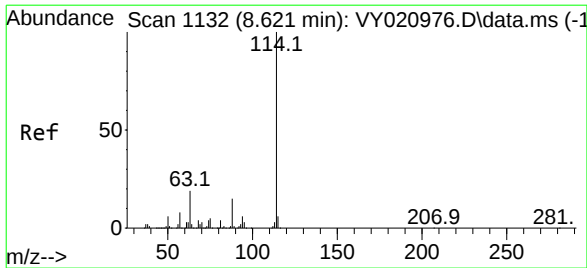
Tgt Ion:168 Resp: 341270
Ion Ratio Lower Upper
168 100
99 50.6 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 40.239 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020991.D
Acq: 30 Jan 2025 17:20

Tgt Ion: 65 Resp: 116919
Ion Ratio Lower Upper
65 100
67 51.4 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: VY020991.D

Acq: 30 Jan 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

JPP-20.2-012725

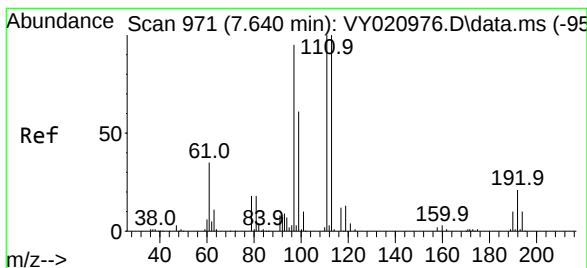
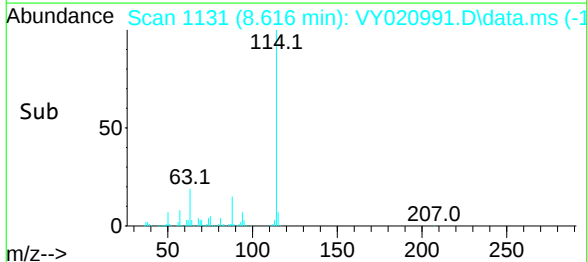
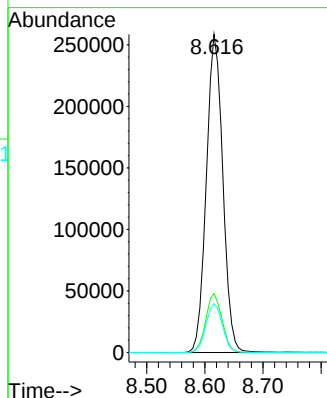
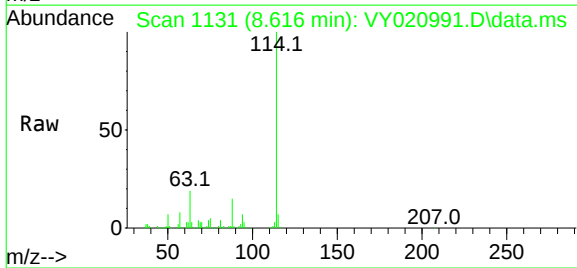
Tgt Ion:114 Resp: 508611

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.2

88 15.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 41.599 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY020991.D

Acq: 30 Jan 2025 17:20

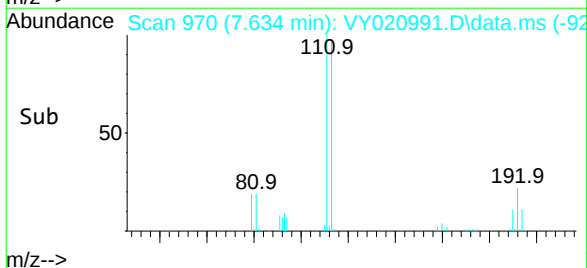
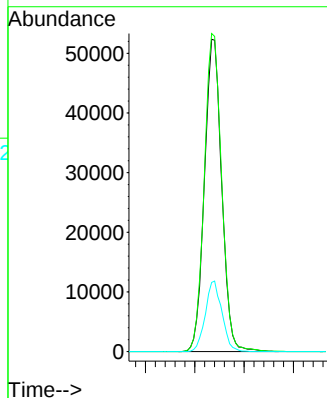
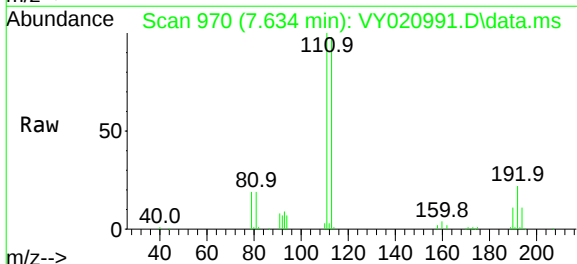
Tgt Ion:113 Resp: 127198

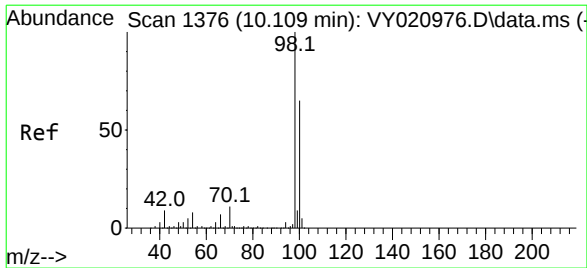
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 21.7 16.8 25.2





#50

Toluene-d8

Concen: 38.566 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020991.D

Acq: 30 Jan 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

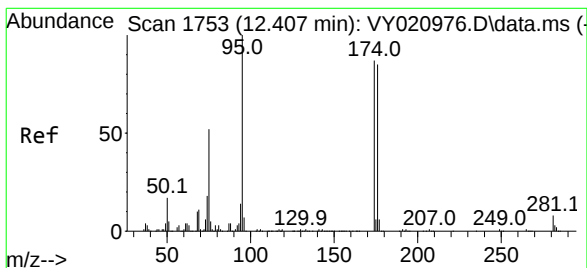
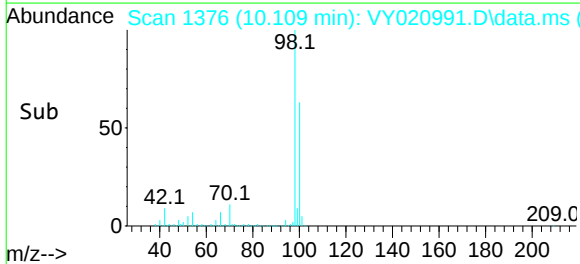
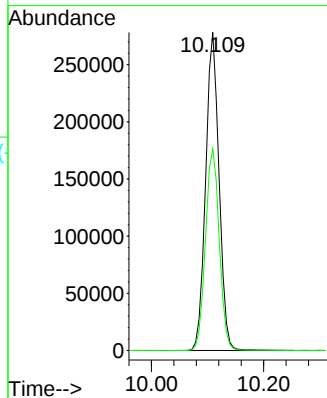
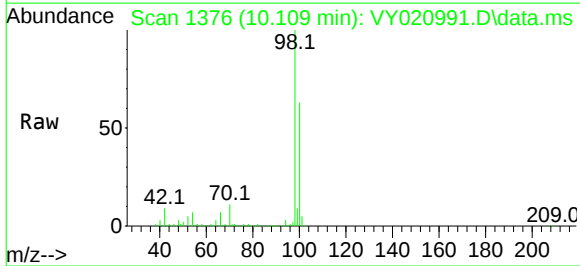
JPP-20.2-012725

Tgt Ion: 98 Resp: 460265

Ion Ratio Lower Upper

98 100

100 65.4 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 30.703 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020991.D

Acq: 30 Jan 2025 17:20

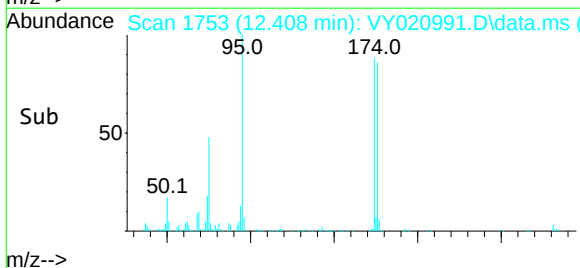
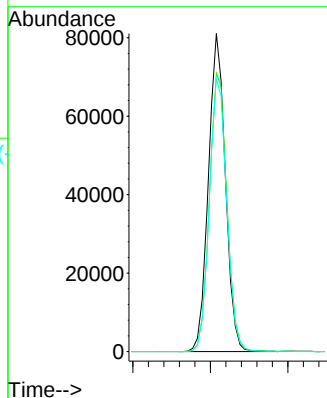
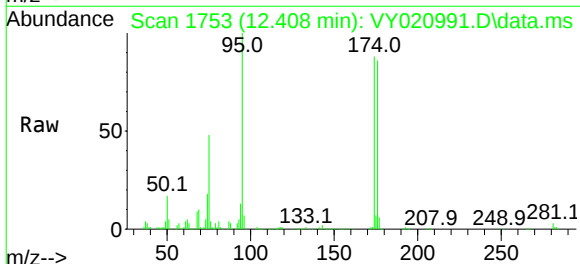
Tgt Ion: 95 Resp: 122955

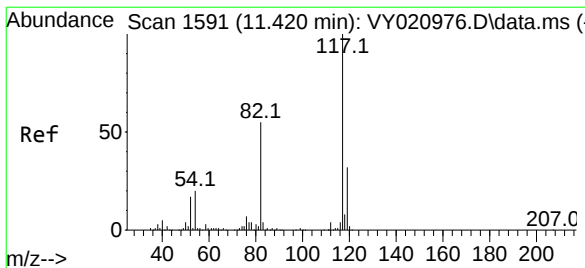
Ion Ratio Lower Upper

95 100

174 90.2 0.0 181.2

176 88.3 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: VY020991.D

Acq: 30 Jan 2025 17:20

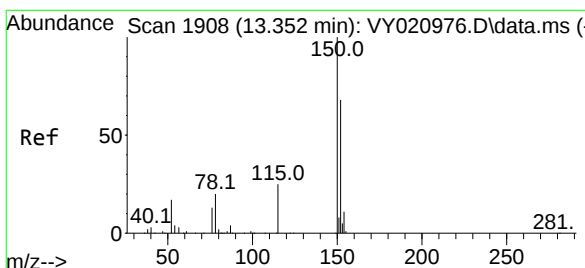
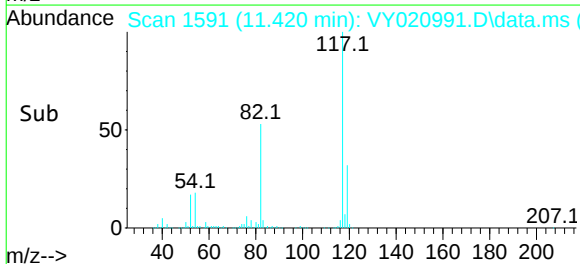
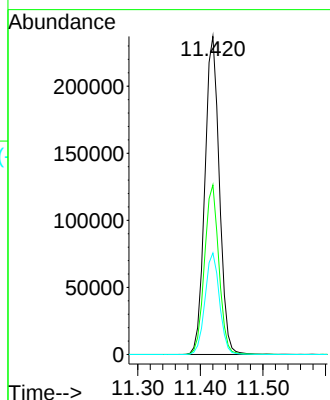
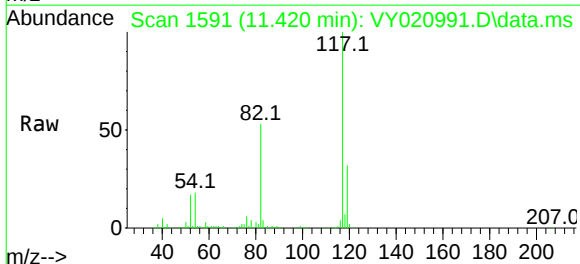
Instrument :

MSVOA_Y

ClientSampleId :

JPP-20.2-012725

Tgt Ion:	117	Resp:	380954
Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.2	66.2
119	31.9	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: VY020991.D

Acq: 30 Jan 2025 17:20

Tgt Ion:	152	Resp:	136992
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.4	85.2
150	157.2	0.0	342.8

