

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020803.D
 Acq On : 08 Jan 2025 11:50
 Operator : SY/MD
 Sample : Q1029-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-01072025

Quant Time: Jan 09 00:19:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	1517	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.621	114	2536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	925	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.364	152	335	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	977	75.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.540%
35) Dibromofluoromethane	7.652	113	955	60.109	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.220%
50) Toluene-d8	10.121	98	2405	43.423	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.840%
62) 4-Bromofluorobenzene	12.419	95	239	11.685	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	23.380%#

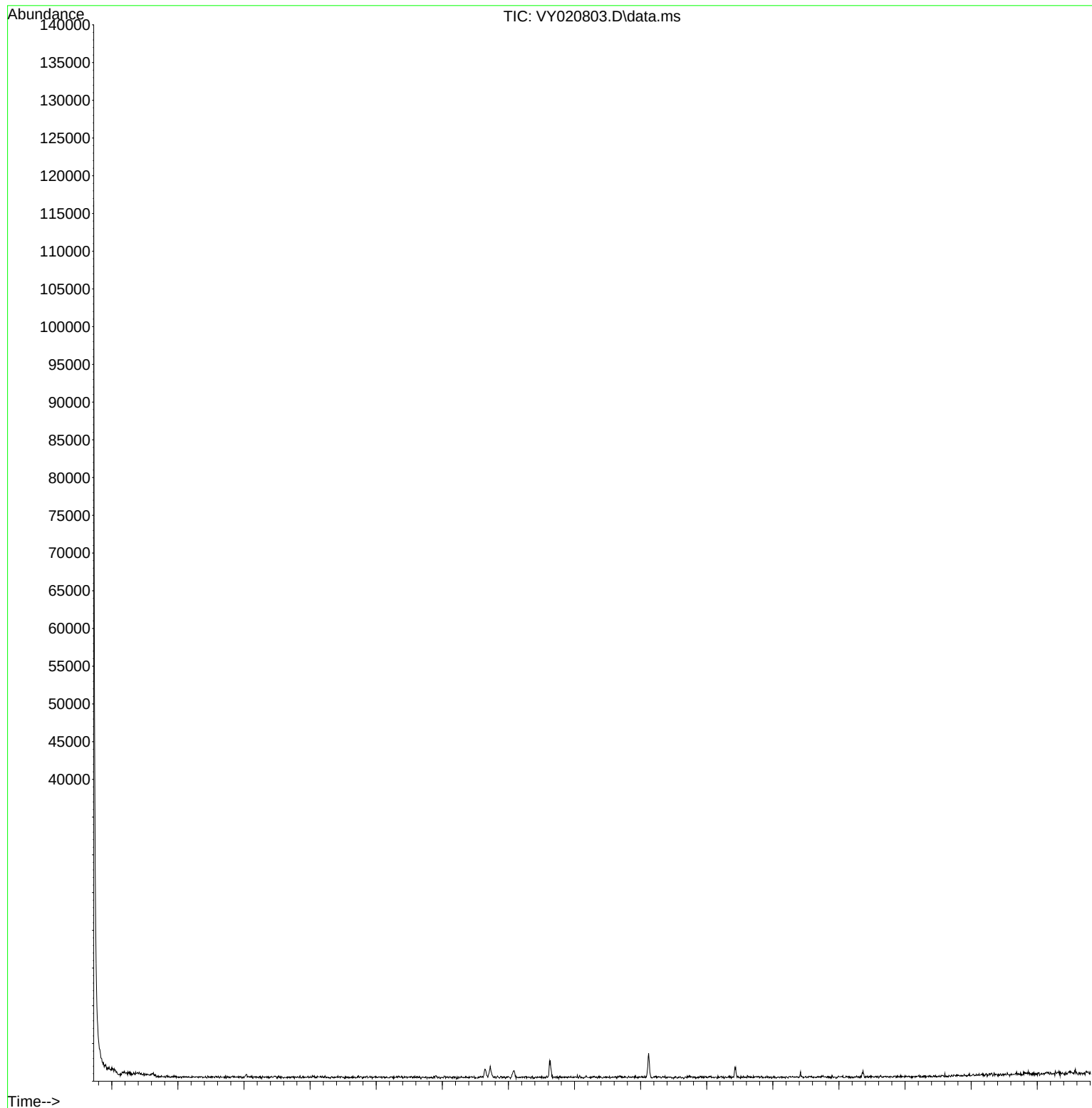
Target Compounds	Qvalue

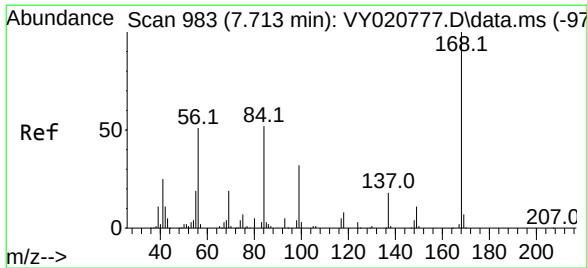
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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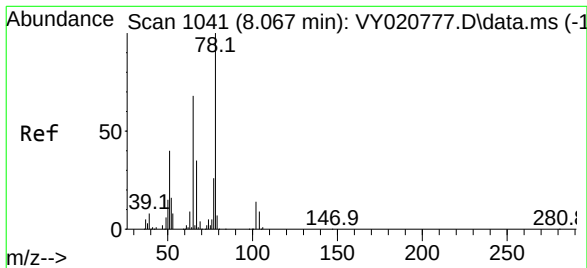
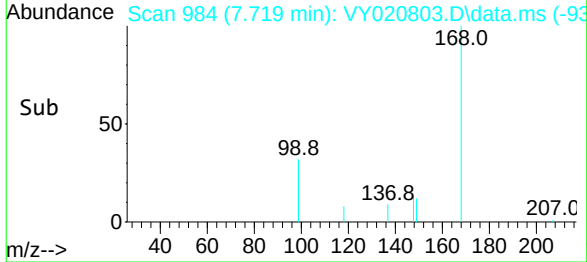
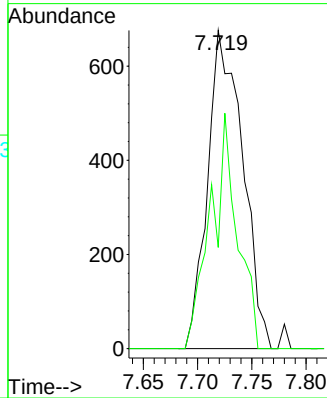
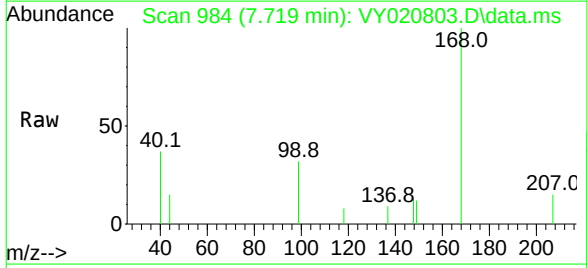




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

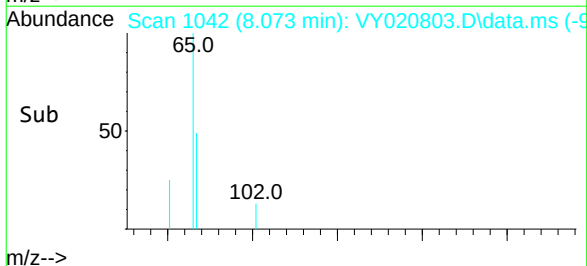
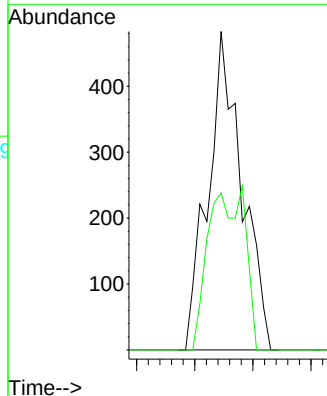
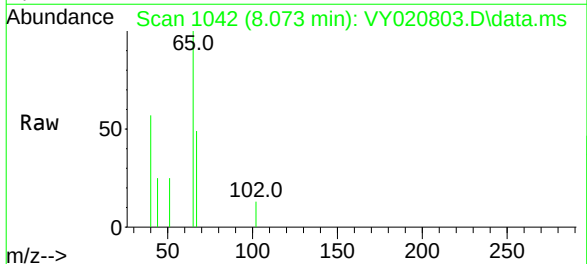
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-01072025

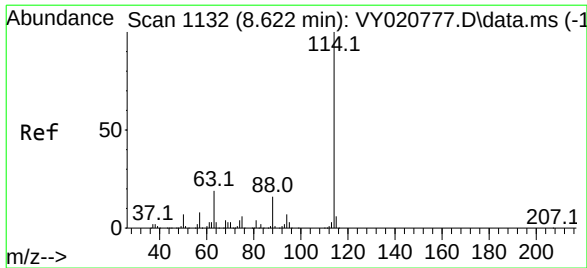
Tgt Ion:168 Resp: 1517
Ion Ratio Lower Upper
168 100
99 31.8 44.3 66.5#



#33
1,2-Dichloroethane-d4
Concen: 75.772 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

Tgt Ion: 65 Resp: 977
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.8

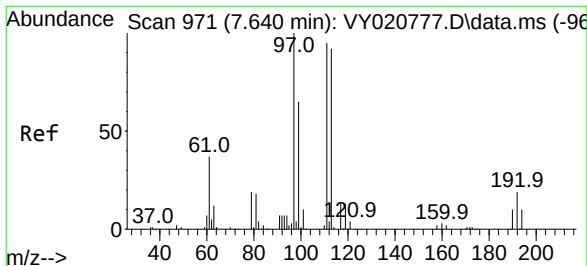
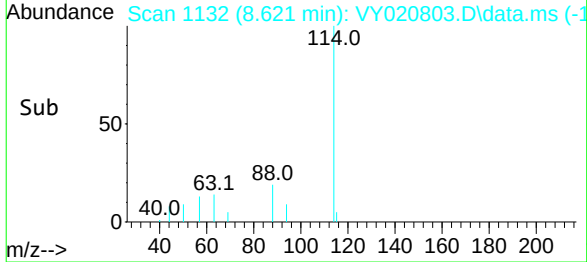
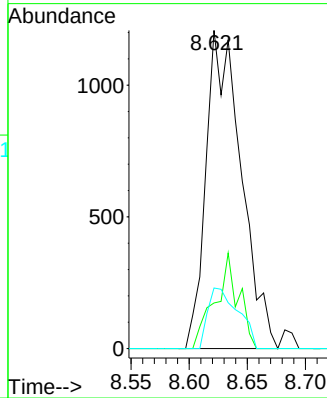
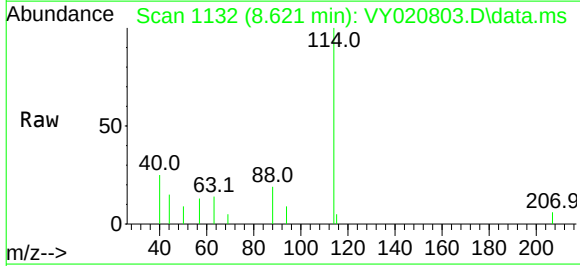




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

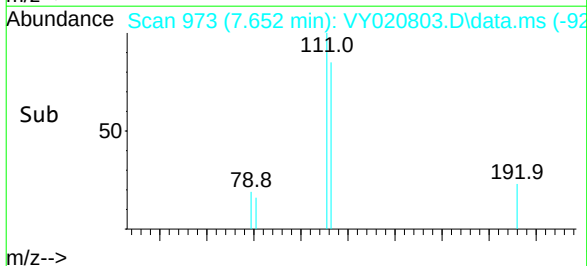
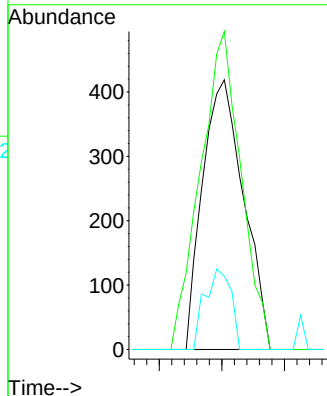
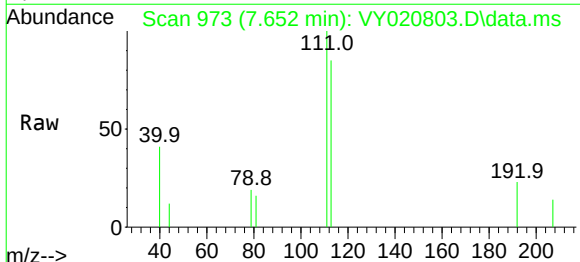
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-01072025

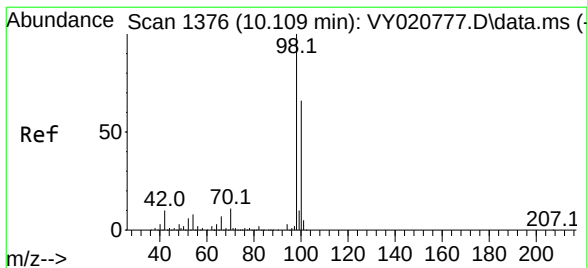
Tgt Ion:	114	Resp:	2536
Ion	Ratio	Lower	Upper
114	100		
63	14.3	0.0	38.4
88	19.0	0.0	31.2



#35
Dibromofluoromethane
Concen: 60.109 ug/l
RT: 7.652 min Scan# 973
Delta R.T. 0.012 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

Tgt Ion:	113	Resp:	955
Ion	Ratio	Lower	Upper
113	100		
111	116.6	81.7	122.5
192	19.0	16.7	25.1





#50

Toluene-d8

Concen: 43.423 ug/l

RT: 10.121 min Scan# 1376

Delta R.T. 0.012 min

Lab File: VY020803.D

Acq: 08 Jan 2025 11:50

Instrument :

MSVOA_Y

ClientSampleId :

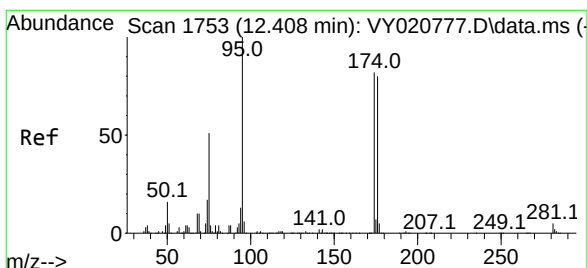
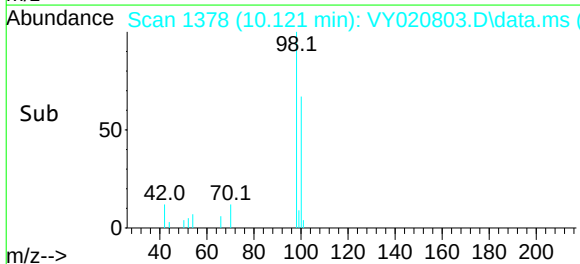
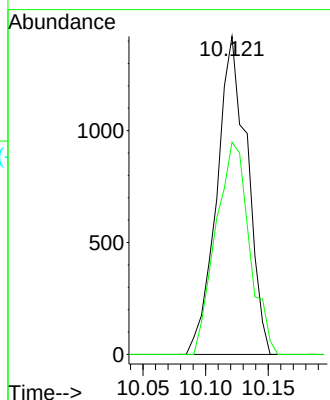
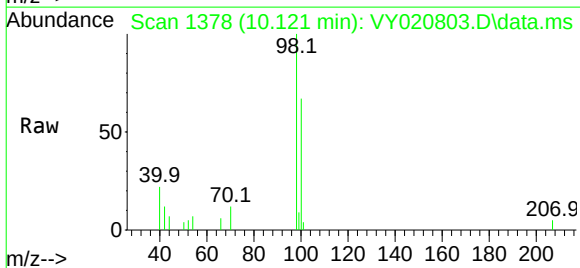
HR-02-01072025

Tgt Ion: 98 Resp: 2405

Ion Ratio Lower Upper

98 100

100 73.7 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 11.685 ug/l

RT: 12.419 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020803.D

Acq: 08 Jan 2025 11:50

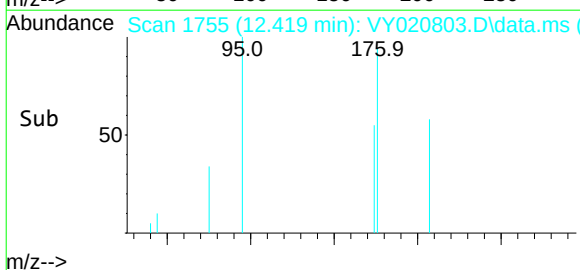
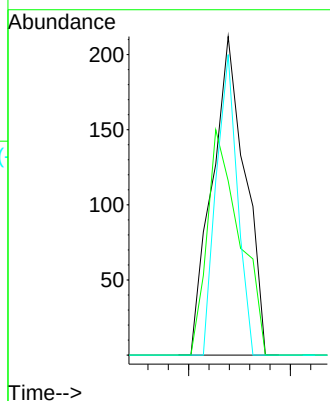
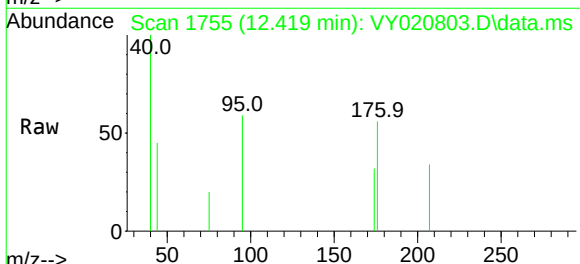
Tgt Ion: 95 Resp: 239

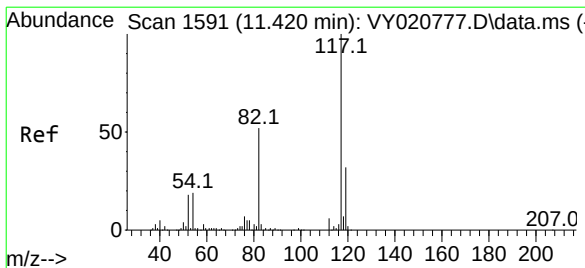
Ion Ratio Lower Upper

95 100

174 69.5 0.0 178.0

176 60.3 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY020803.D

Acq: 08 Jan 2025 11:50

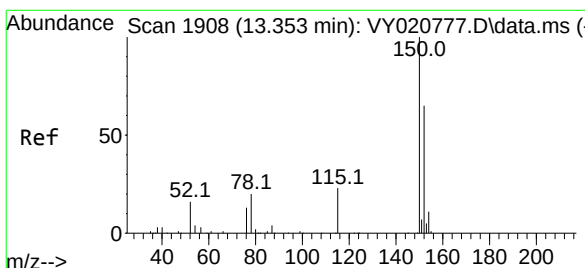
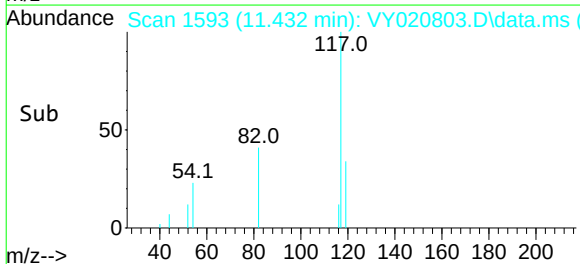
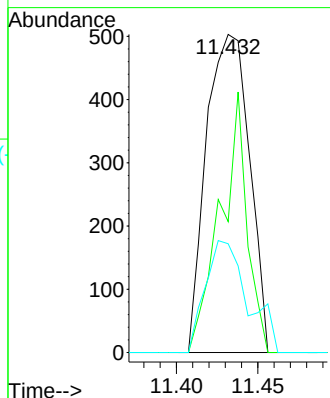
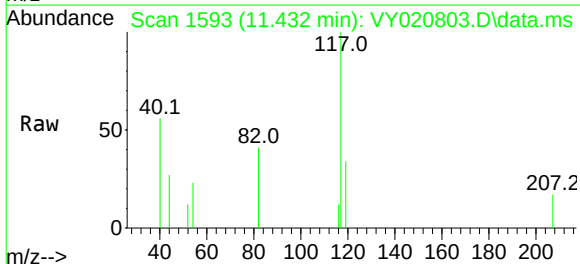
Instrument :

MSVOA_Y

ClientSampleId :

HR-02-01072025

Tgt Ion:	117	Resp:	925
Ion	Ratio	Lower	Upper
117	100		
82	41.2	41.8	62.6#
119	34.2	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY020803.D

Acq: 08 Jan 2025 11:50

Tgt Ion:	152	Resp:	335
Ion	Ratio	Lower	Upper
152	100		
115	40.0	29.0	87.0
150	142.7	0.0	347.4

