

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020876.D
 Acq On : 20 Jan 2025 13:01
 Operator : SY/MD
 Sample : Q1132-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-2-011725

Quant Time: Jan 21 00:40:51 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	7.707	168	1250	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.628	114	1440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	431	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	184	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	600	56.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.940%	
35) Dibromofluoromethane	7.640	113	532	58.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.940%	
50) Toluene-d8	10.115	98	762	24.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 48.460%#	
62) 4-Bromofluorobenzene	12.420	95	84	7.233	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 14.460%#	

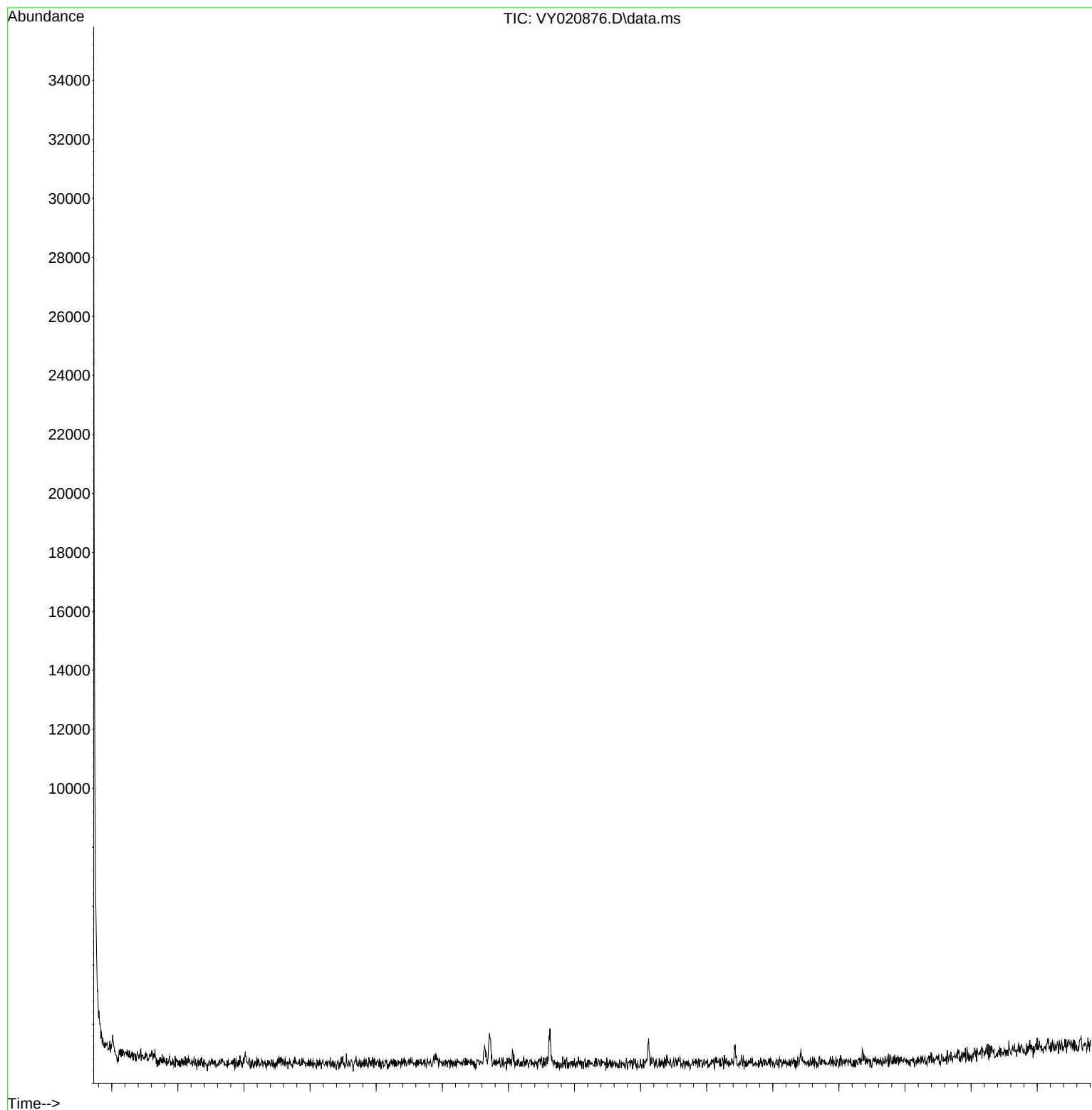
Target Compounds Qvalue

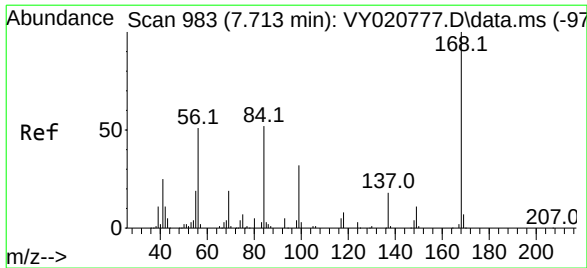
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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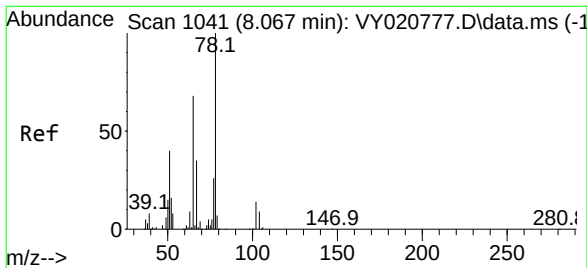
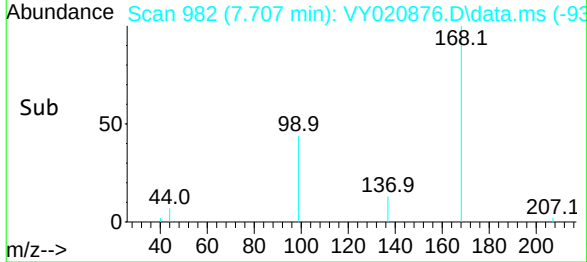
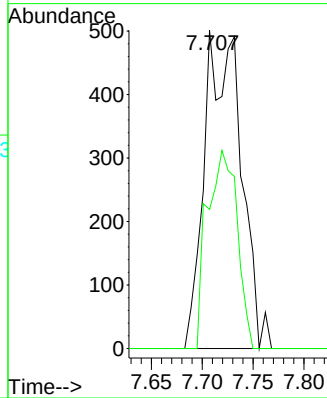
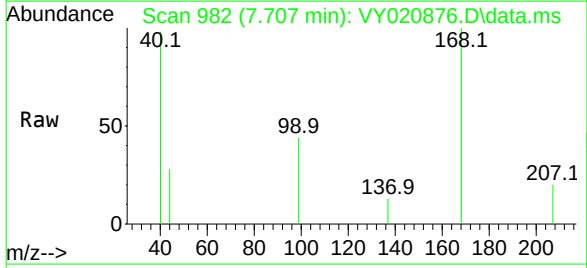




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

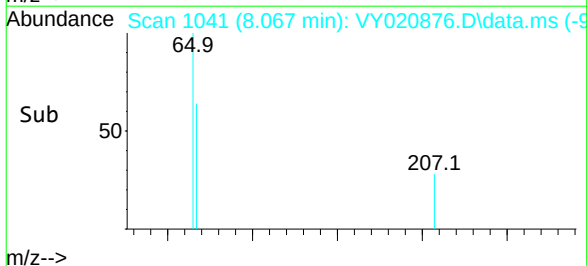
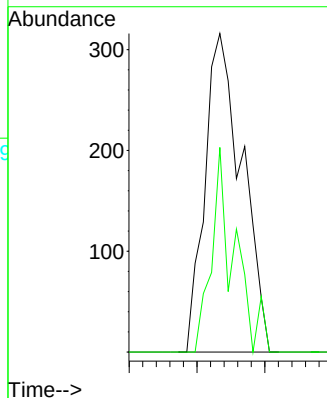
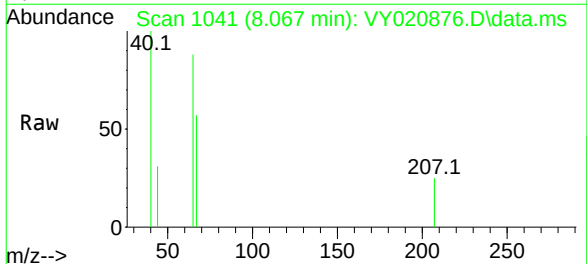
Instrument :
MSVOA_Y
ClientSampleId :
HD-2-011725

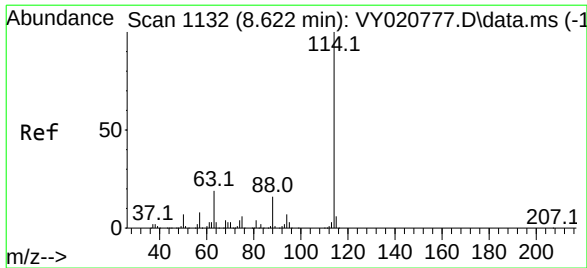
Tgt Ion: 168 Resp: 1250
Ion Ratio Lower Upper
168 100
99 43.7 44.3 66.5#



#33
1,2-Dichloroethane-d4
Concen: 56.473 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

Tgt Ion: 65 Resp: 600
Ion Ratio Lower Upper
65 100
67 39.8 0.0 102.8

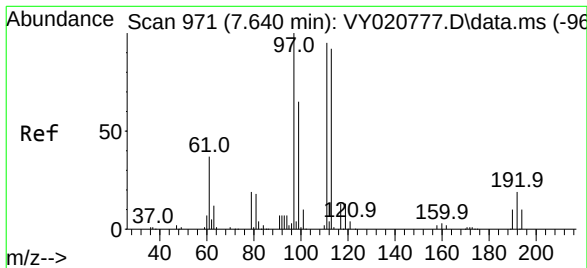
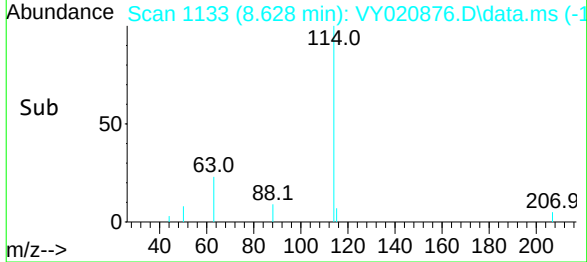
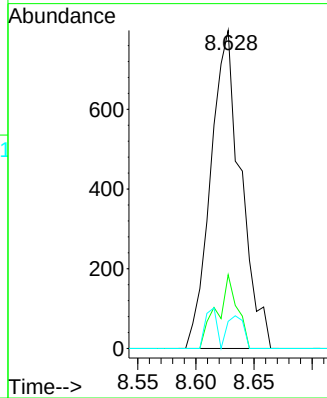
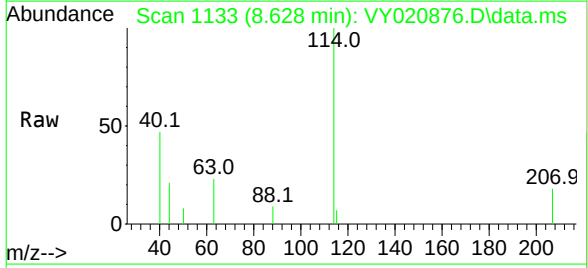




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

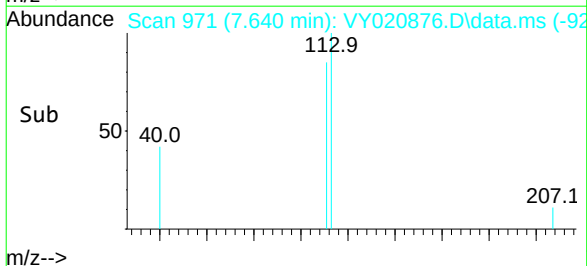
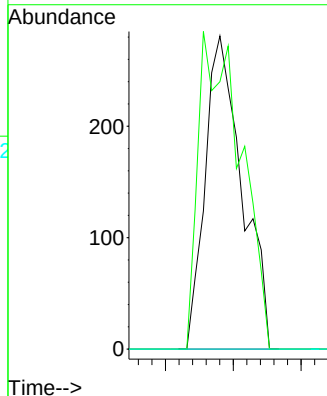
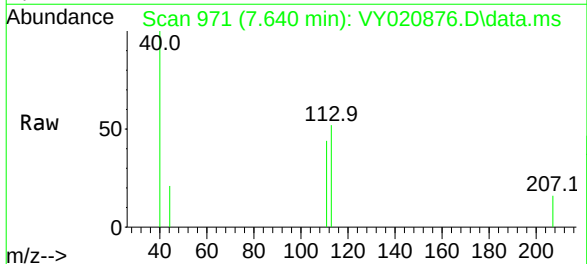
Instrument :
MSVOA_Y
ClientSampleId :
HD-2-011725

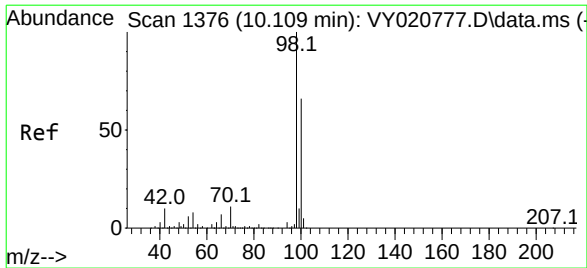
Tgt Ion:114 Resp: 1440
Ion Ratio Lower Upper
114 100
63 23.2 0.0 38.4
88 8.5 0.0 31.2



#35
Dibromofluoromethane
Concen: 58.970 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

Tgt Ion:113 Resp: 532
Ion Ratio Lower Upper
113 100
111 116.9 81.7 122.5
192 0.0 16.7 25.1#





#50

Toluene-d8

Concen: 24.230 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020876.D

Acq: 20 Jan 2025 13:01

Instrument :

MSVOA_Y

ClientSampleId :

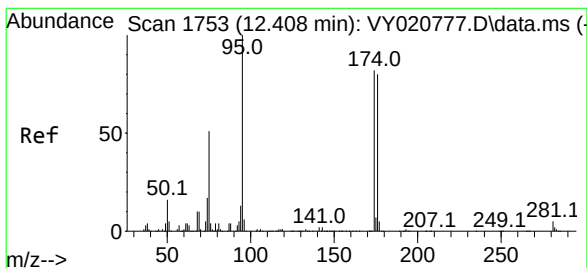
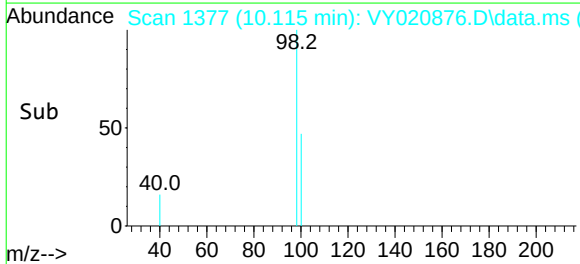
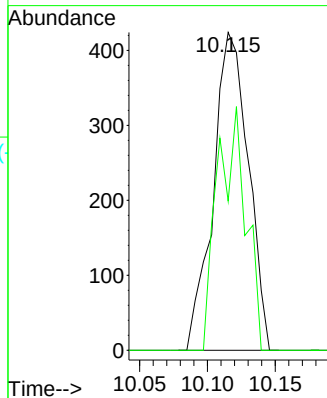
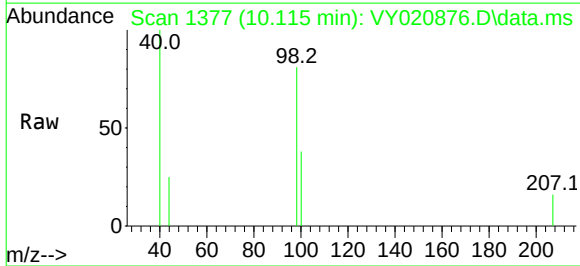
HD-2-011725

Tgt Ion: 98 Resp: 762

Ion Ratio Lower Upper

98 100

100 62.2 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 7.233 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020876.D

Acq: 20 Jan 2025 13:01

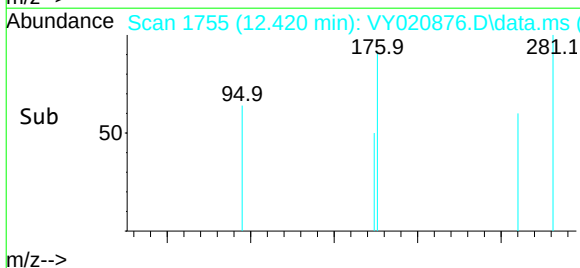
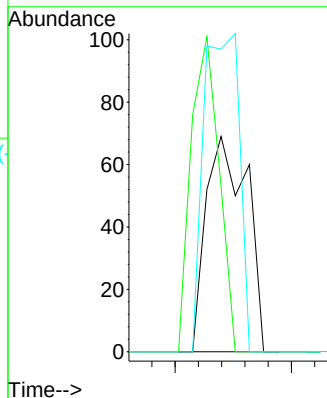
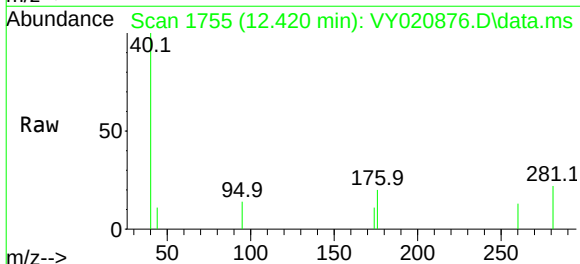
Tgt Ion: 95 Resp: 84

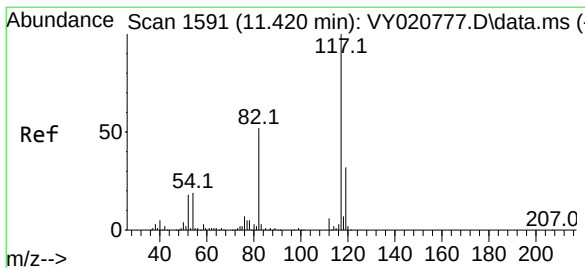
Ion Ratio Lower Upper

95 100

174 100.0 0.0 178.0

176 129.8 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: VY020876.D

Acq: 20 Jan 2025 13:01

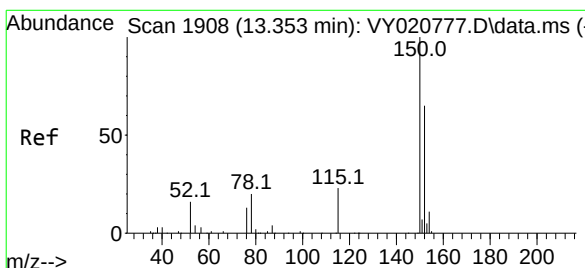
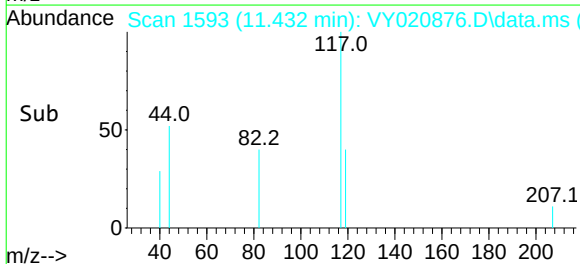
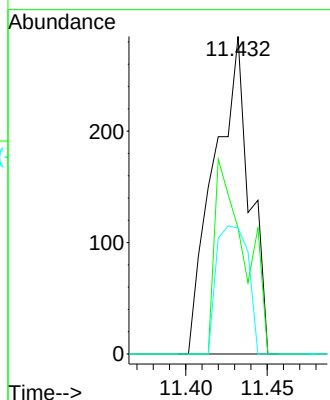
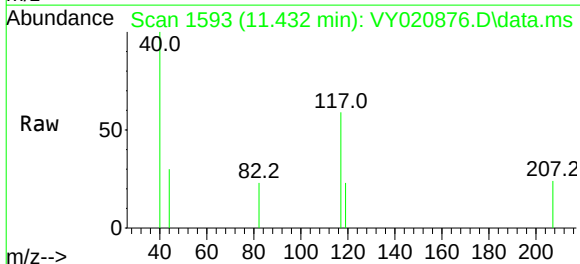
Instrument :

MSVOA_Y

ClientSampleId :

HD-2-011725

Tgt Ion:	117	Resp:	431
Ion	Ratio	Lower	Upper
117	100		
82	39.6	41.8	62.6#
119	39.6	25.8	38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020876.D

Acq: 20 Jan 2025 13:01

Tgt Ion:	152	Resp:	184
Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.0	87.0#
150	199.5	0.0	347.4

