

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020861.D
 Acq On : 17 Jan 2025 17:30
 Operator : SY/MD
 Sample : Q1132-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-2-011725

Quant Time: Jan 17 23:29:01 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	7719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	11240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	8293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3619	55.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.320%
35) Dibromofluoromethane	7.640	113	4099	58.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.420%
50) Toluene-d8	10.109	98	12542	51.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.408	95	2168	23.916	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	47.840%

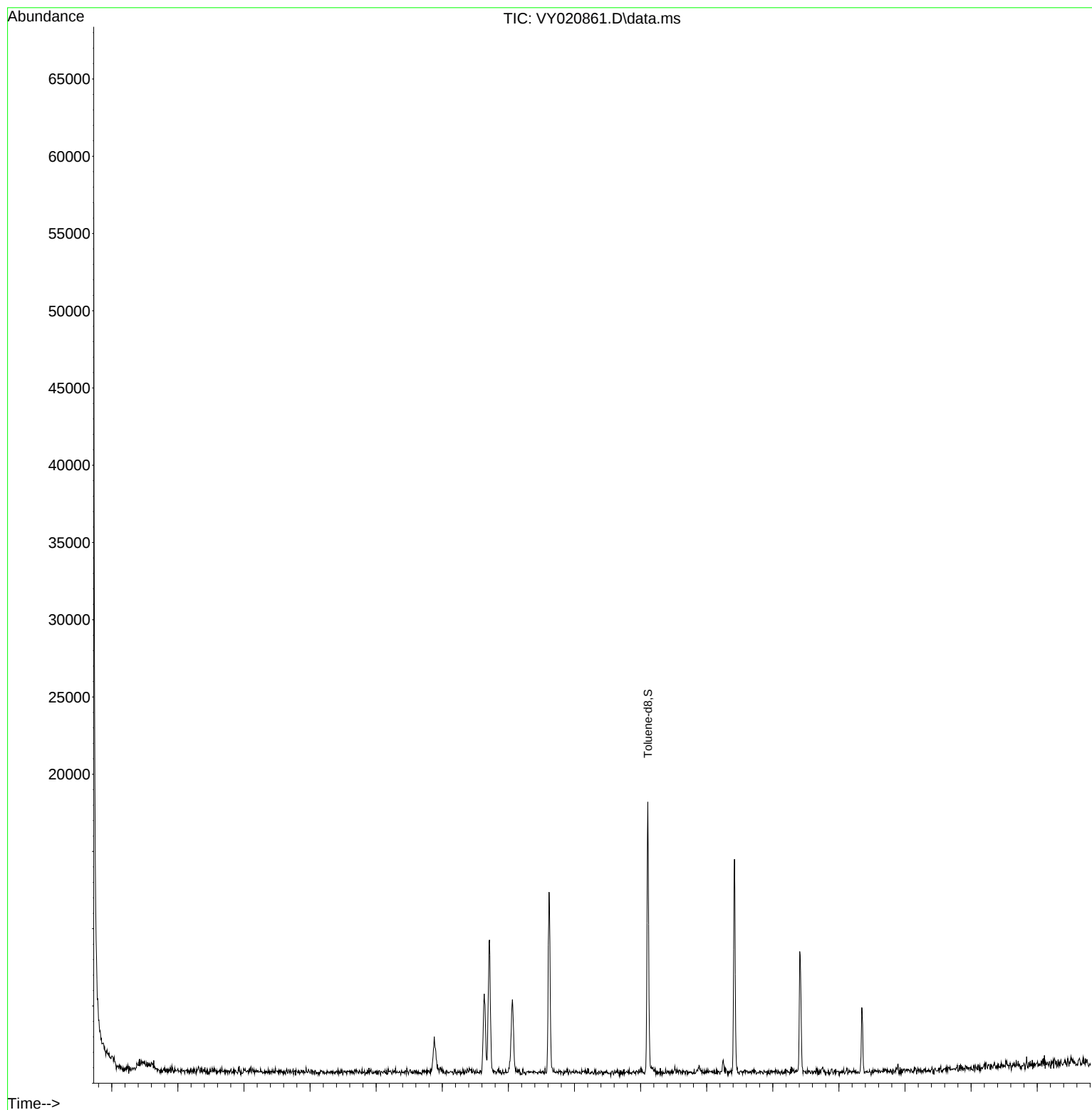
Target Compounds Qvalue

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

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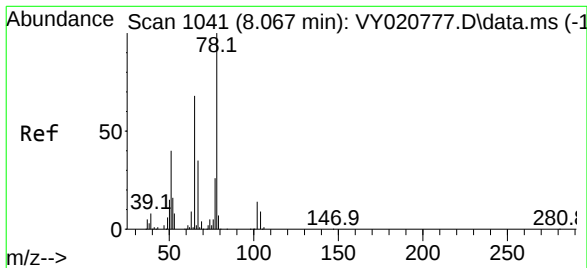
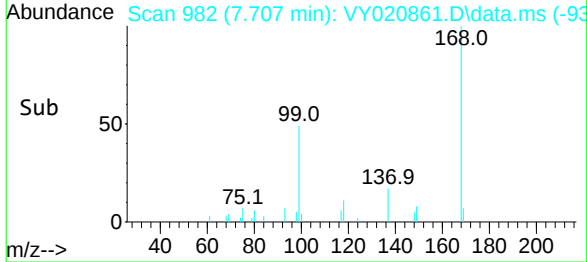
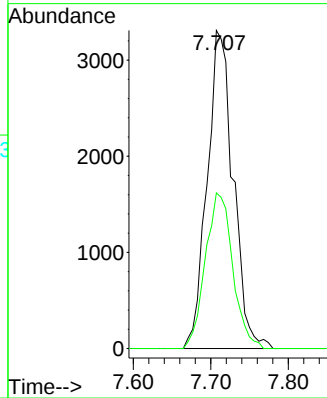
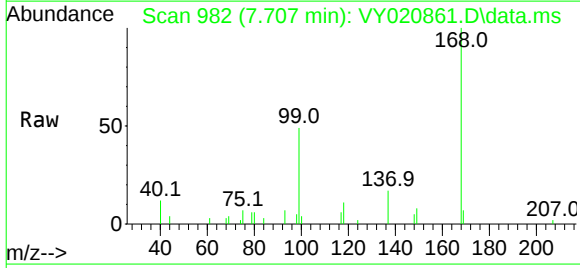




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

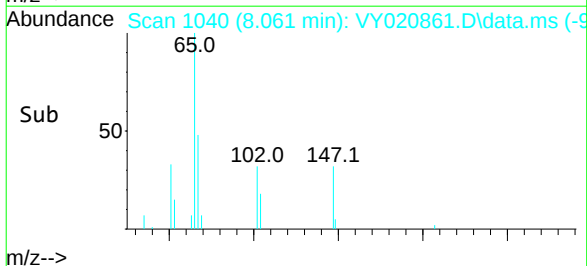
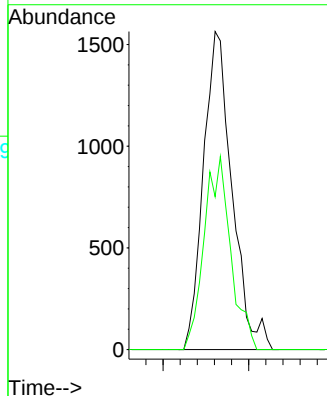
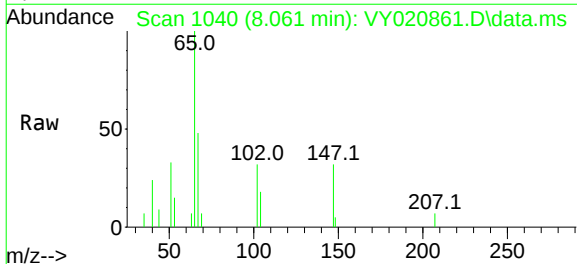
Instrument :
MSVOA_Y
ClientSampleId :
HD-2-011725

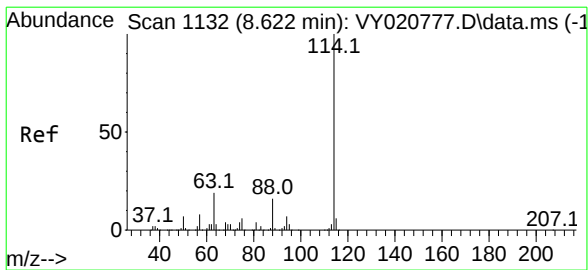
Tgt Ion:168 Resp: 7719
Ion Ratio Lower Upper
168 100
99 48.9 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 55.160 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Tgt Ion: 65 Resp: 3619
Ion Ratio Lower Upper
65 100
67 56.4 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020861.D

Acq: 17 Jan 2025 17:30

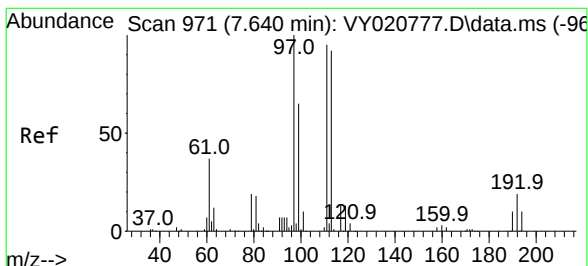
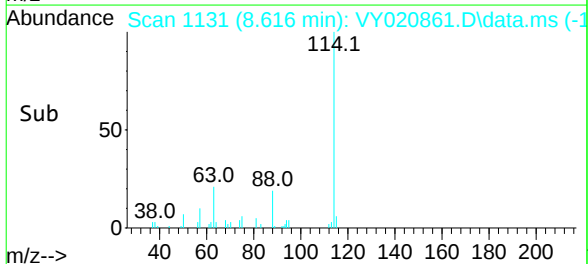
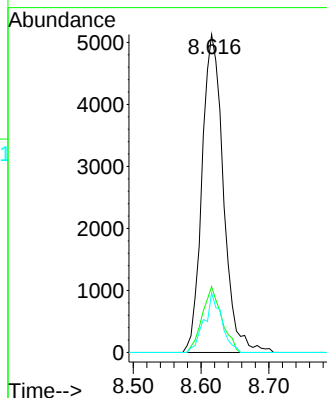
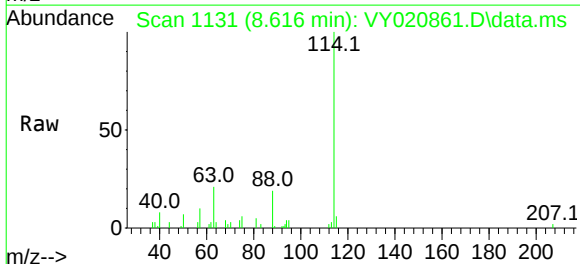
Instrument :

MSVOA_Y

ClientSampleId :

HD-2-011725

Tgt Ion:	114	Resp:	11240
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	38.4
88	18.8	0.0	31.2



#35

Dibromofluoromethane

Concen: 58.210 ug/l

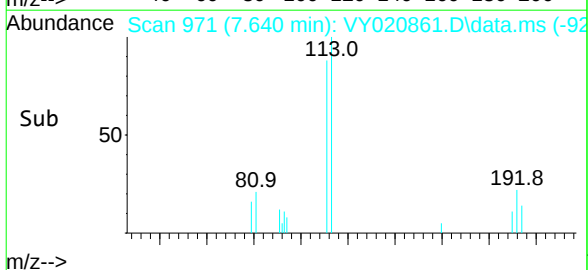
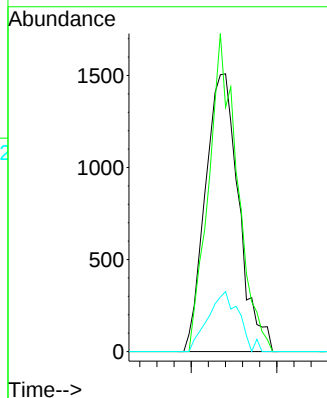
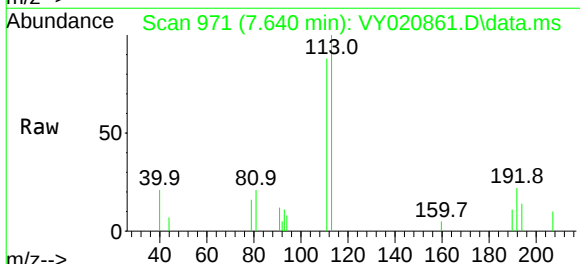
RT: 7.640 min Scan# 971

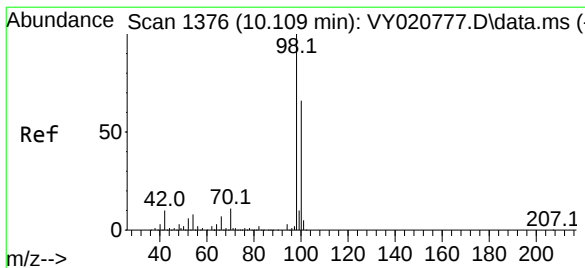
Delta R.T. -0.000 min

Lab File: VY020861.D

Acq: 17 Jan 2025 17:30

Tgt Ion:	113	Resp:	4099
Ion	Ratio	Lower	Upper
113	100		
111	98.4	81.7	122.5
192	19.9	16.7	25.1





#50

Toluene-d8

Concen: 51.092 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020861.D

Acq: 17 Jan 2025 17:30

Instrument :

MSVOA_Y

ClientSampleId :

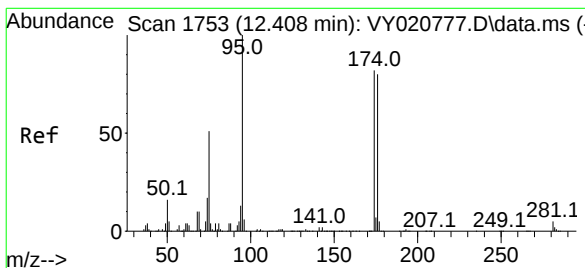
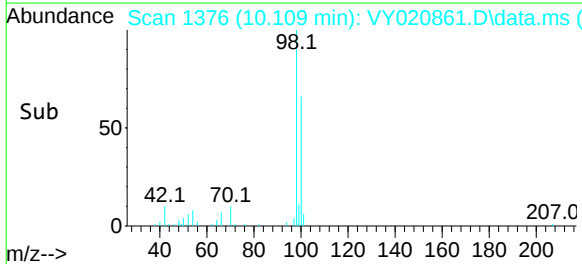
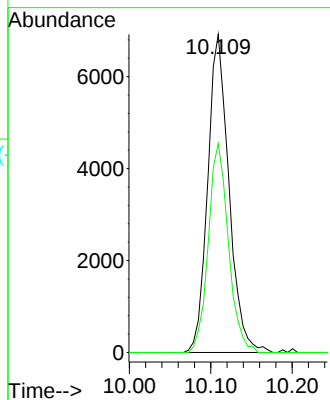
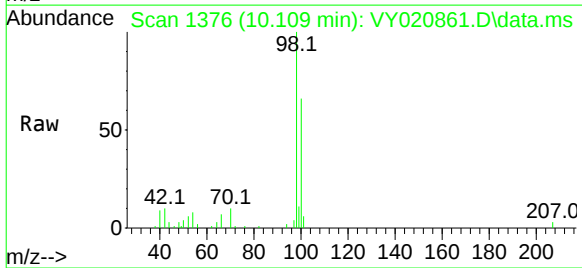
HD-2-011725

Tgt Ion: 98 Resp: 12542

Ion Ratio Lower Upper

98 100

100 62.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 23.916 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY020861.D

Acq: 17 Jan 2025 17:30

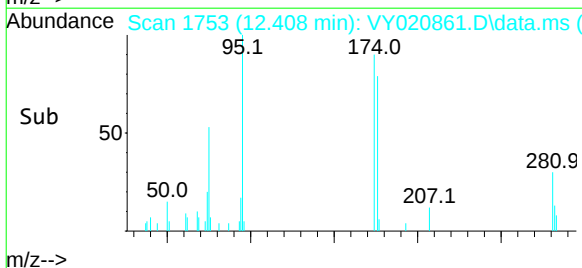
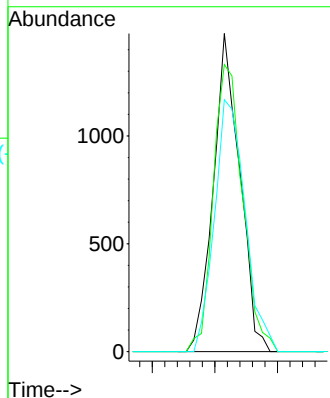
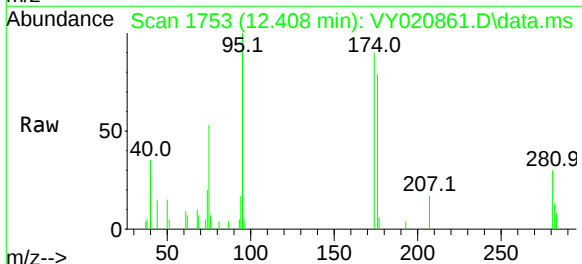
Tgt Ion: 95 Resp: 2168

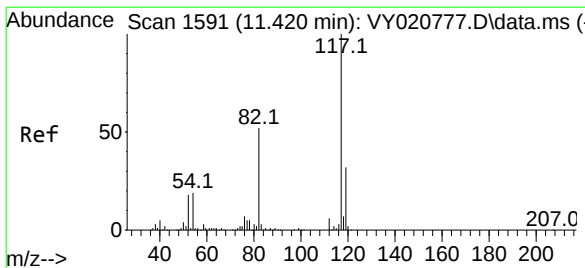
Ion Ratio Lower Upper

95 100

174 100.1 0.0 178.0

176 91.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY020861.D

Acq: 17 Jan 2025 17:30

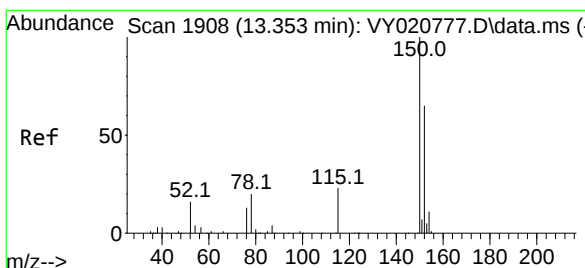
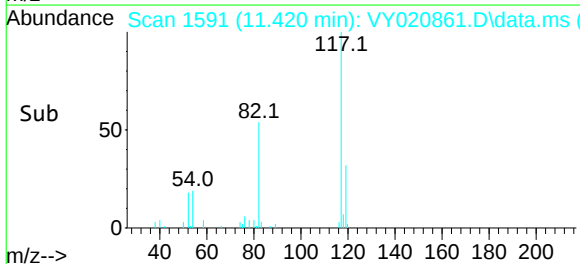
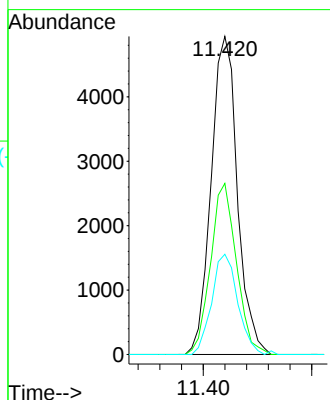
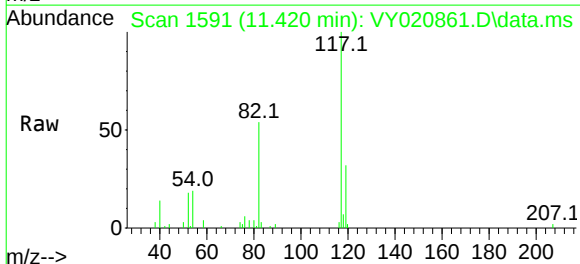
Instrument :

MSVOA_Y

ClientSampleId :

HD-2-011725

Tgt Ion:	117	Resp:	8293
Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.8	62.6
119	31.5	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020861.D

Acq: 17 Jan 2025 17:30

Tgt Ion:	152	Resp:	1371
Ion	Ratio	Lower	Upper
152	100		
115	51.1	29.0	87.0
150	150.2	0.0	347.4

