

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020875.D
 Acq On : 20 Jan 2025 12:39
 Operator : SY/MD
 Sample : Q1132-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-1-011725

Quant Time: Jan 21 00:40:30 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	7.720	168	4418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	5814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	2960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	1922	51.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.360%
35) Dibromofluoromethane	7.646	113	1868	51.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.560%
50) Toluene-d8	10.115	98	4638	36.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.060%
62) 4-Bromofluorobenzene	12.420	95	473	10.087	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	20.180%#

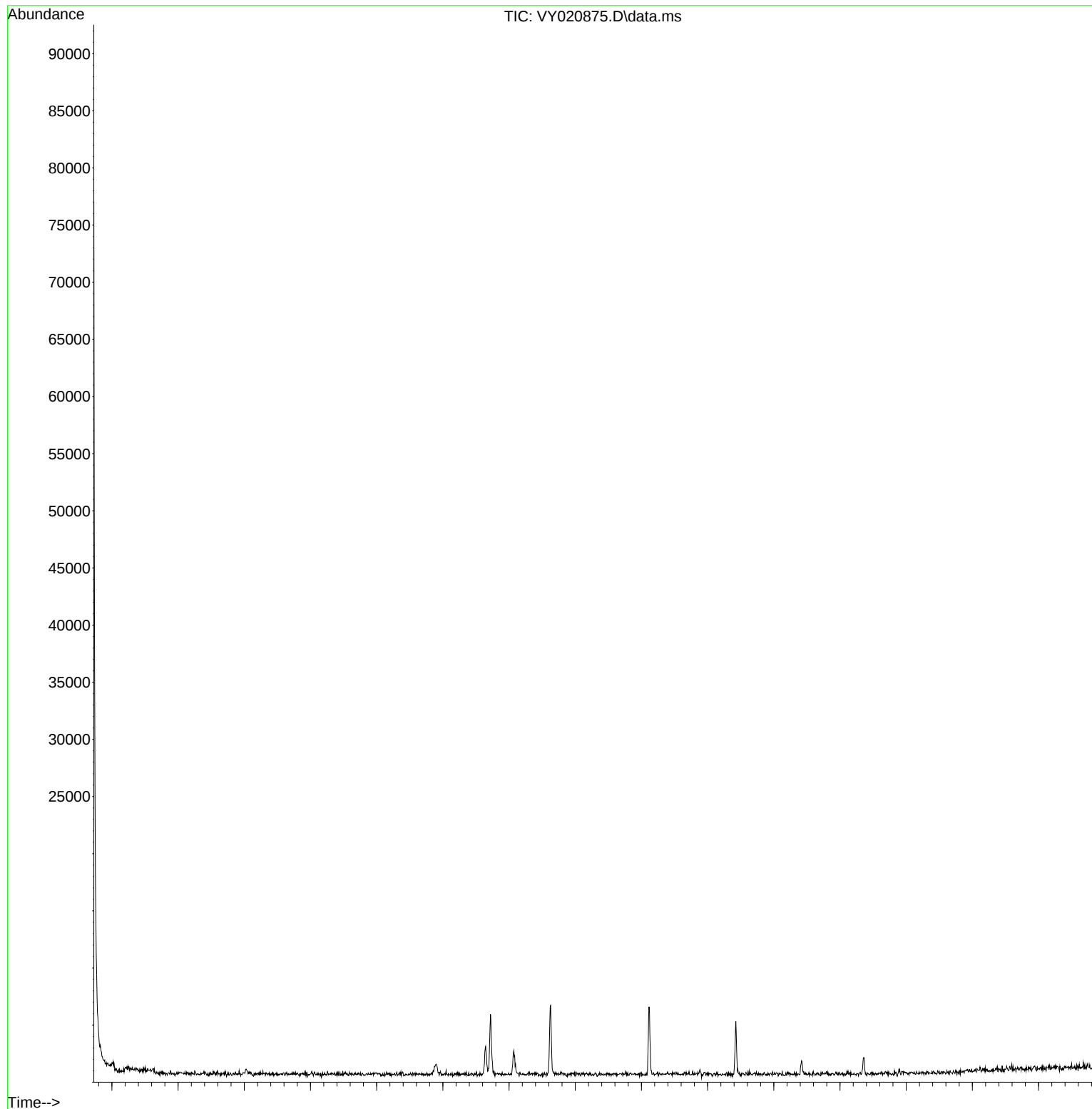
Target Compounds Qvalue

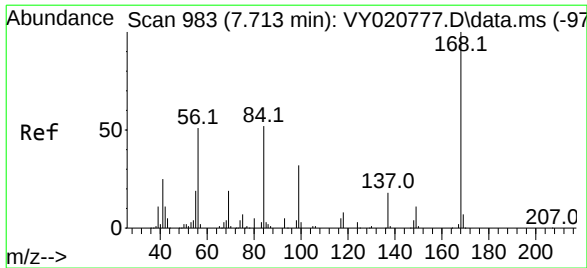
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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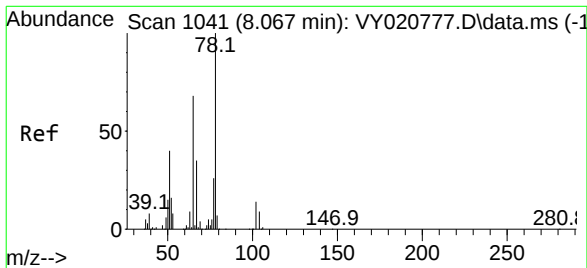
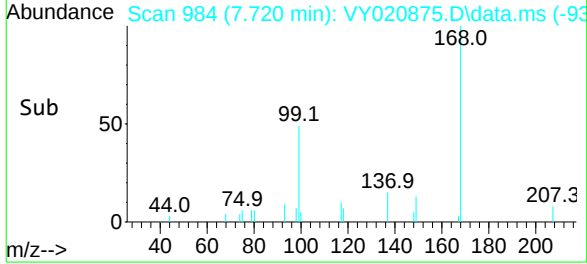
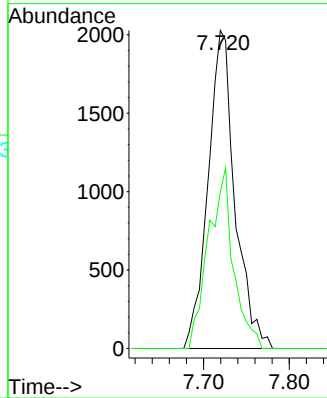
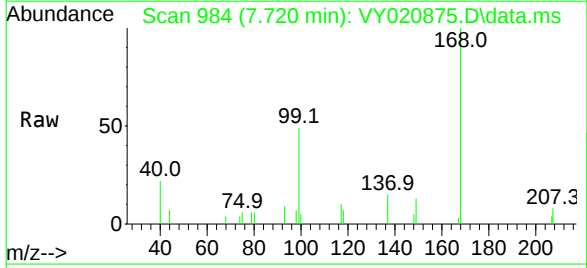




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. 0.007 min
Lab File: VY020875.D
Acq: 20 Jan 2025 12:39

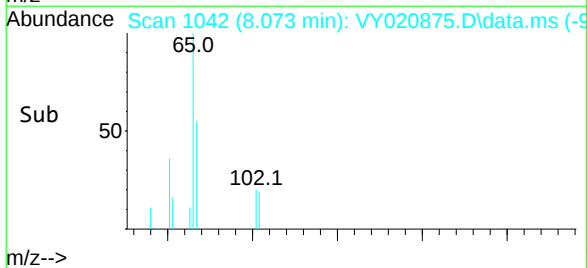
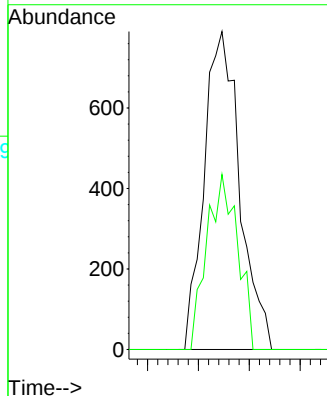
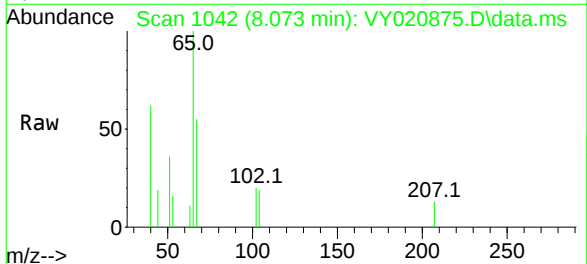
Instrument :
MSVOA_Y
ClientSampleId :
HD-1-011725

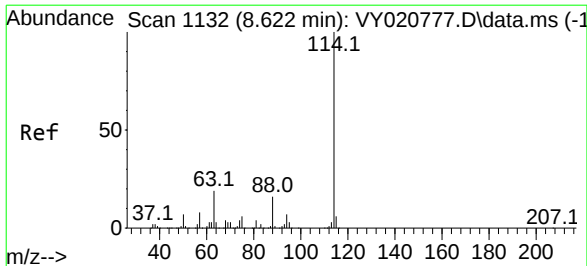
Tgt Ion:168 Resp: 4418
Ion Ratio Lower Upper
168 100
99 49.3 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 51.183 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020875.D
Acq: 20 Jan 2025 12:39

Tgt Ion: 65 Resp: 1922
Ion Ratio Lower Upper
65 100
67 47.6 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020875.D

Acq: 20 Jan 2025 12:39

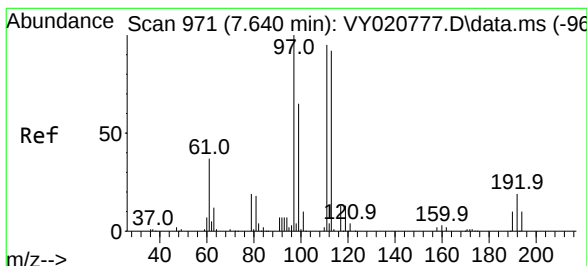
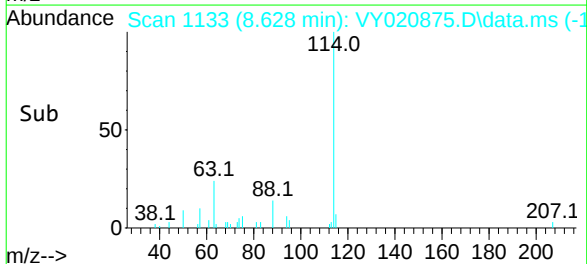
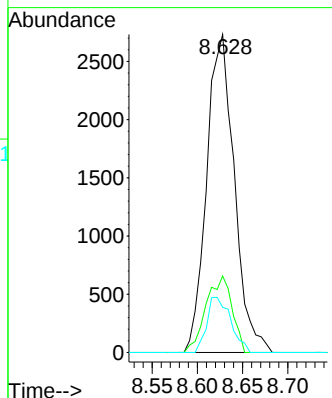
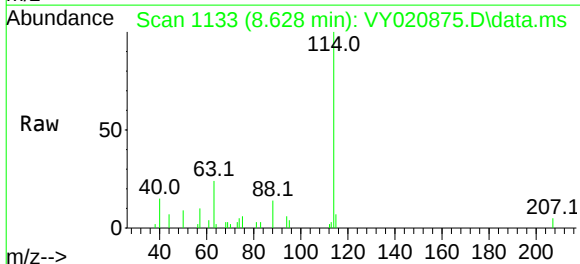
Instrument :

MSVOA_Y

ClientSampleId :

HD-1-011725

Tgt Ion:	114	Resp:	5814
Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	38.4
88	14.2	0.0	31.2



#35

Dibromofluoromethane

Concen: 51.285 ug/l

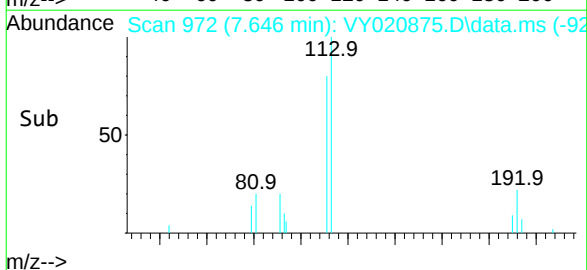
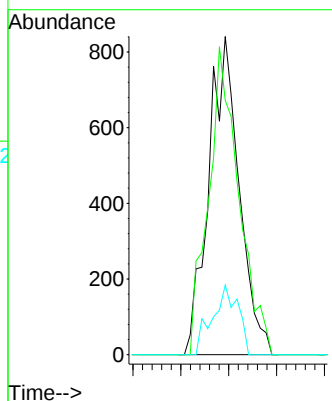
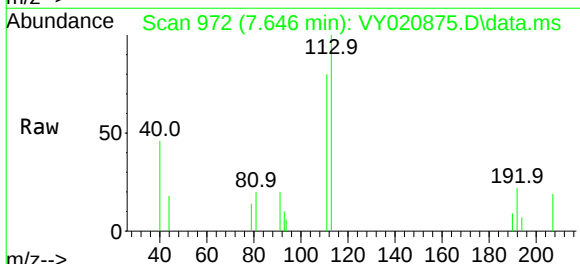
RT: 7.646 min Scan# 972

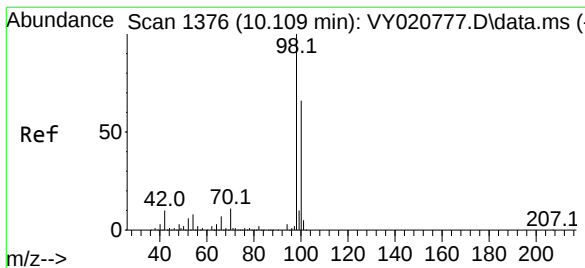
Delta R.T. 0.006 min

Lab File: VY020875.D

Acq: 20 Jan 2025 12:39

Tgt Ion:	113	Resp:	1868
Ion	Ratio	Lower	Upper
113	100		
111	96.1	81.7	122.5
192	18.3	16.7	25.1





#50

Toluene-d8

Concen: 36.527 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020875.D

Acq: 20 Jan 2025 12:39

Instrument :

MSVOA_Y

ClientSampleId :

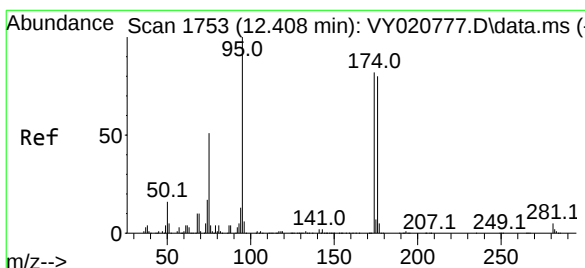
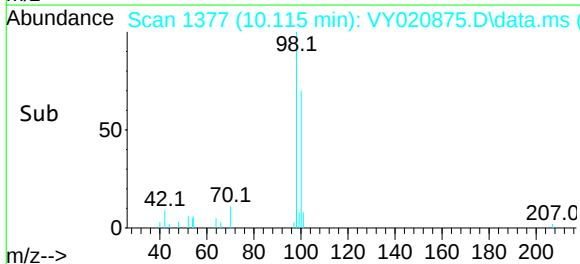
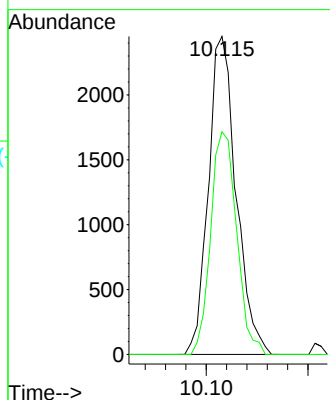
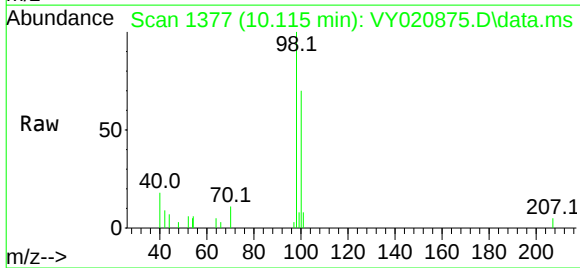
HD-1-011725

Tgt Ion: 98 Resp: 4638

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 10.087 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020875.D

Acq: 20 Jan 2025 12:39

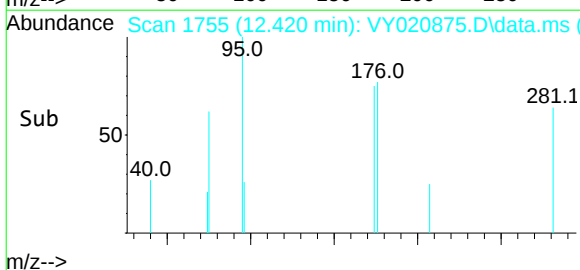
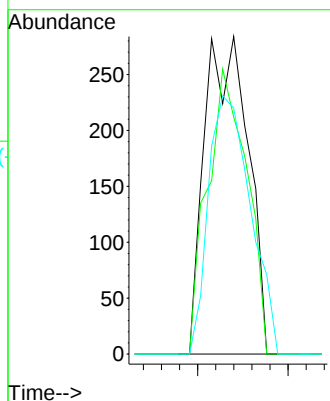
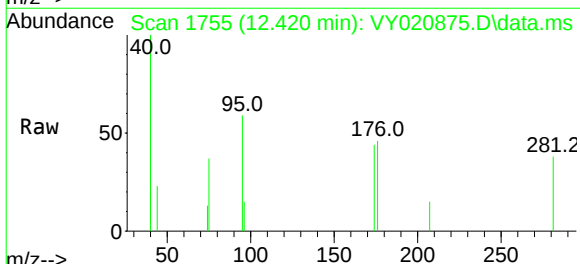
Tgt Ion: 95 Resp: 473

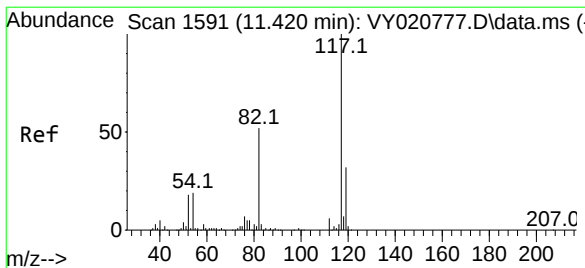
Ion Ratio Lower Upper

95 100

174 81.6 0.0 178.0

176 79.3 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020875.D

Acq: 20 Jan 2025 12:39

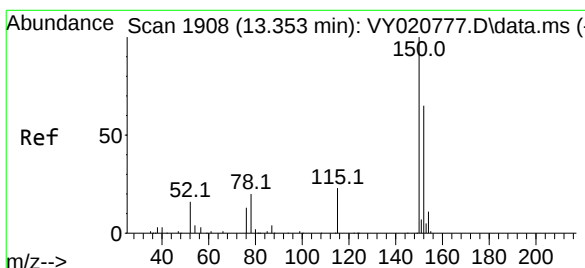
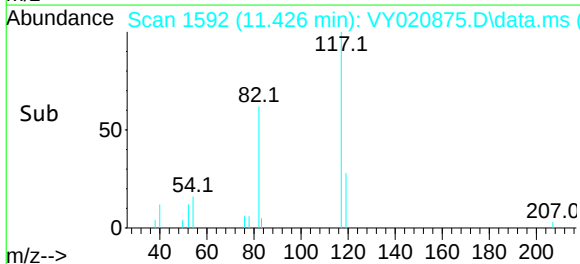
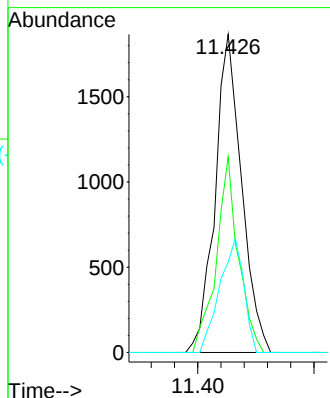
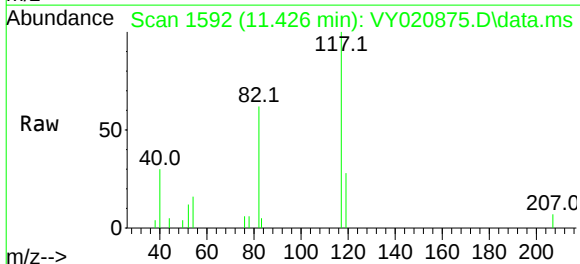
Instrument :

MSVOA_Y

ClientSampleId :

HD-1-011725

Tgt Ion:	117	Resp:	2960
Ion	Ratio	Lower	Upper
117	100		
82	61.5	41.8	62.6
119	28.3	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020875.D

Acq: 20 Jan 2025 12:39

Tgt Ion:	152	Resp:	530
Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.0	87.0
150	182.8	0.0	347.4

