

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020860.D
 Acq On : 17 Jan 2025 17:07
 Operator : SY/MD
 Sample : Q1132-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-1-011725

Quant Time: Jan 17 23:28:38 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)

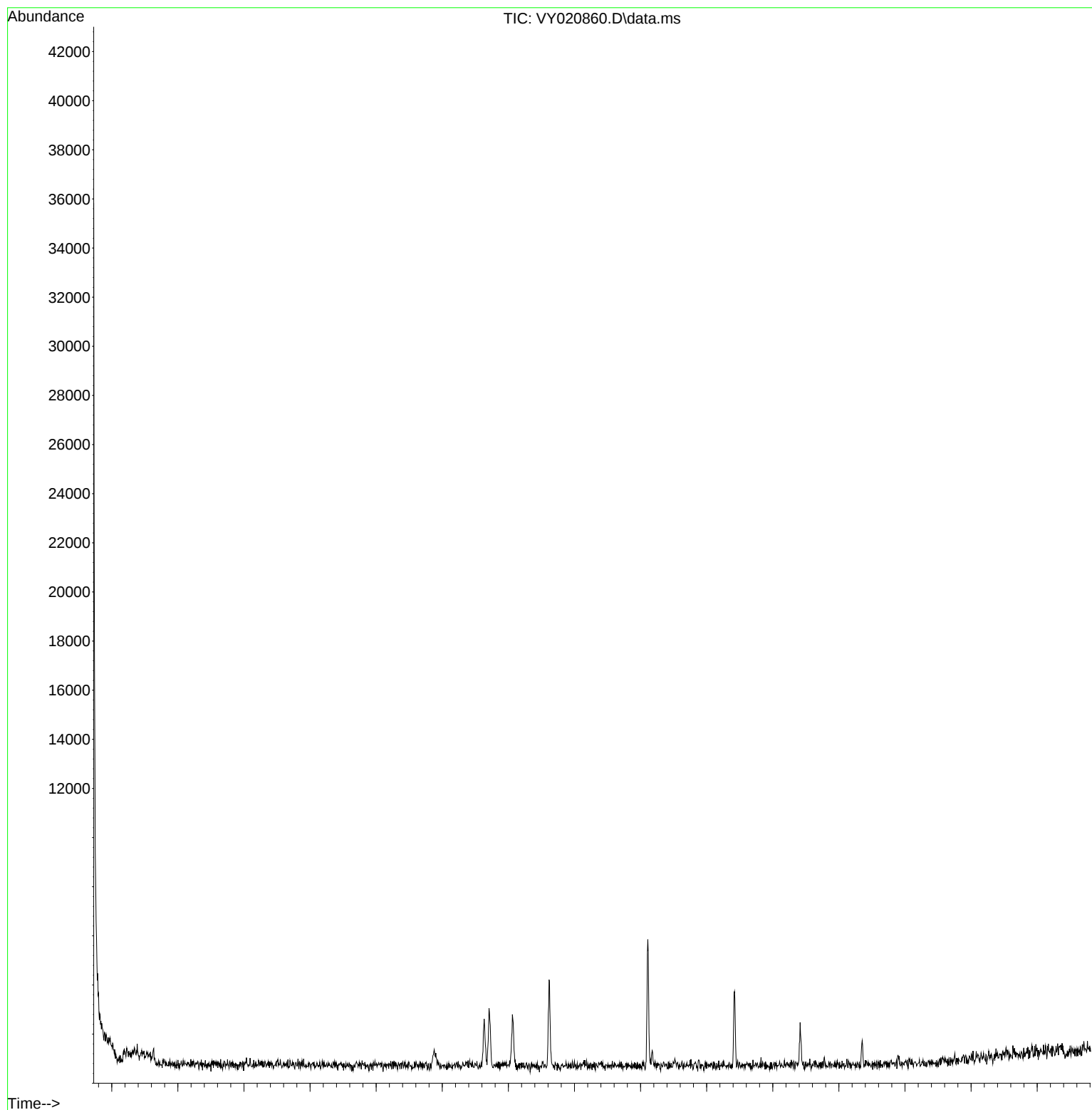
Internal Standards						
1) Pentafluorobenzene	7.713	168	2139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	3828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	2179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1673	92.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	184.040%#
35) Dibromofluoromethane	7.622	113	1493	62.255	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.500%
50) Toluene-d8	10.109	98	3951	47.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.414	95	412	13.345	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	26.700%#
Target Compounds						
52) Toluene	10.164	92	391	6.289	ug/l	Qvalue 94

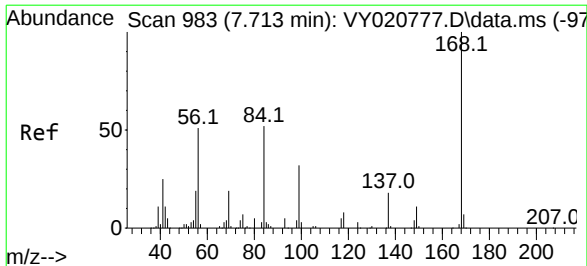
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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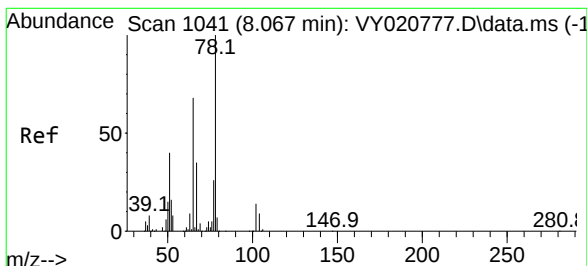
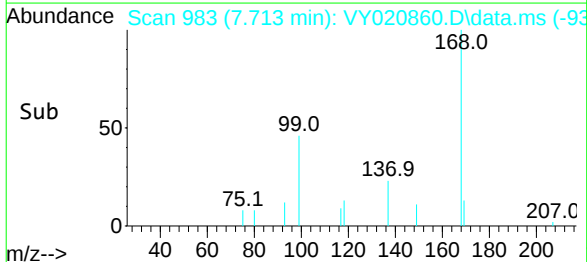
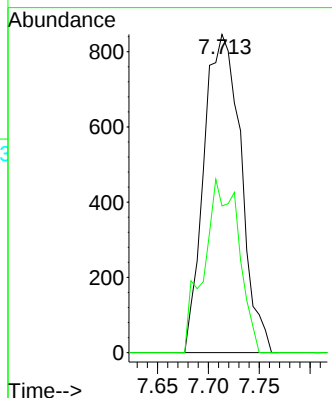
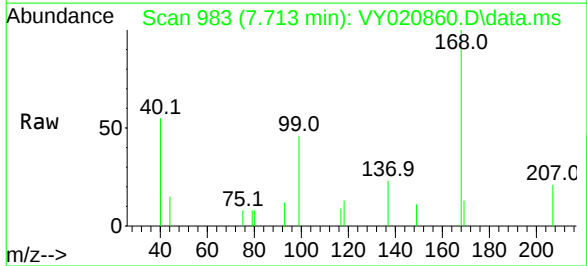




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020860.D
Acq: 17 Jan 2025 17:07

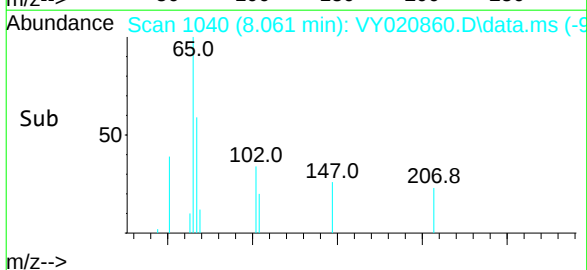
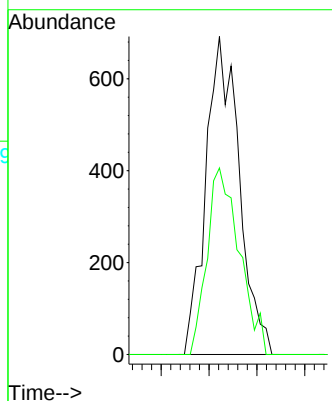
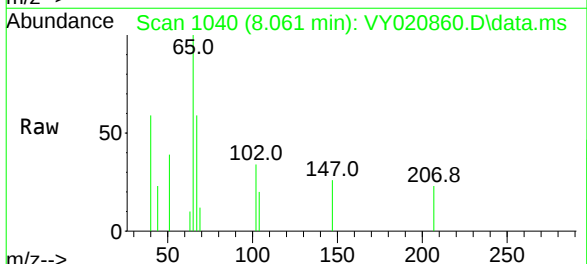
Instrument :
MSVOA_Y
ClientSampleId :
HD-1-011725

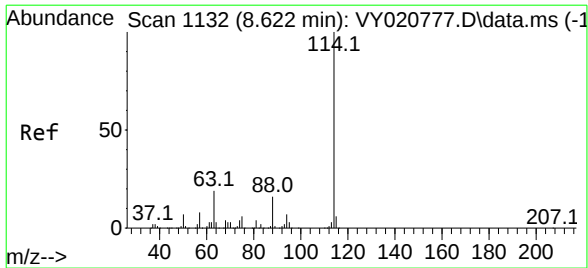
Tgt Ion:168 Resp: 2139
Ion Ratio Lower Upper
168 100
99 46.1 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 92.020 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020860.D
Acq: 17 Jan 2025 17:07

Tgt Ion: 65 Resp: 1673
Ion Ratio Lower Upper
65 100
67 56.8 0.0 102.8

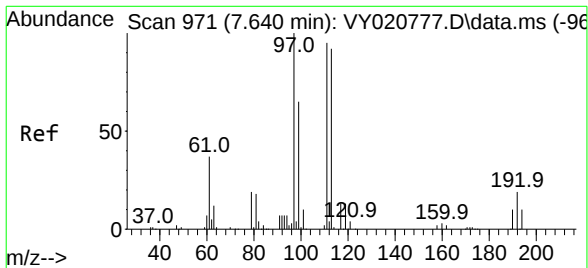
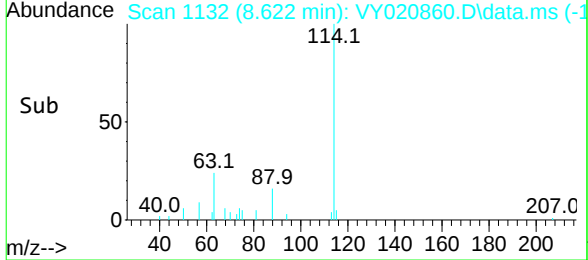
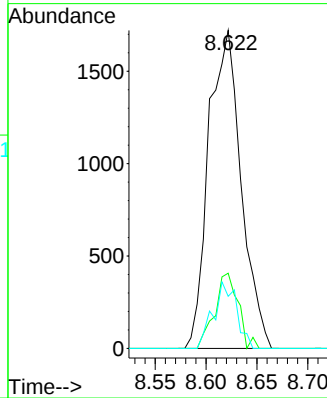
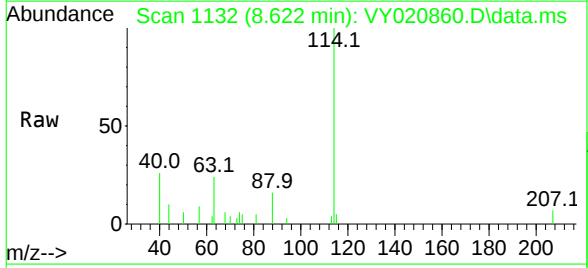




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020860.D
Acq: 17 Jan 2025 17:07

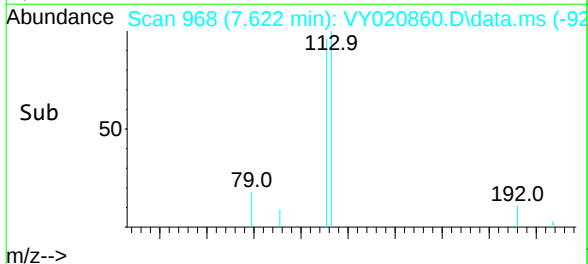
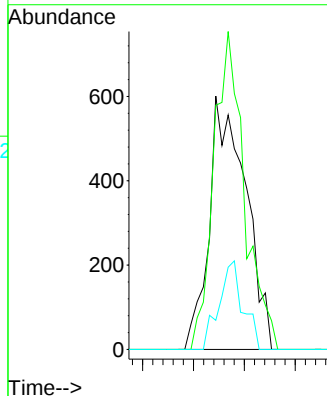
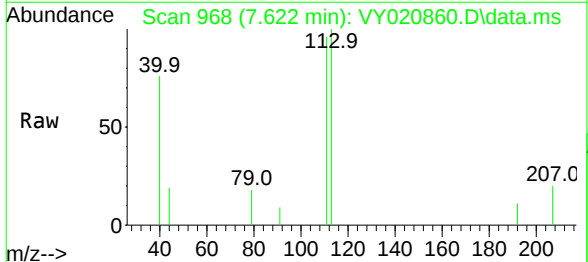
Instrument :
MSVOA_Y
ClientSampleId :
HD-1-011725

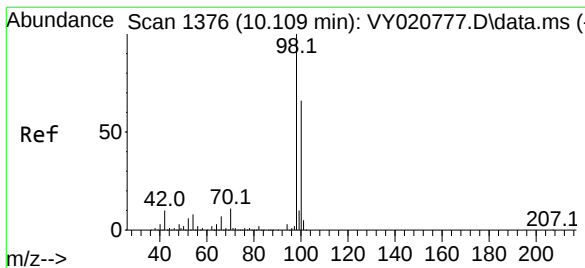
Tgt Ion:	114	Resp:	3828
Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	38.4
88	16.4	0.0	31.2



#35
Dibromofluoromethane
Concen: 62.255 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.018 min
Lab File: VY020860.D
Acq: 17 Jan 2025 17:07

Tgt Ion:	113	Resp:	1493
Ion	Ratio	Lower	Upper
113	100		
111	105.7	81.7	122.5
192	23.0	16.7	25.1





#50

Toluene-d8

Concen: 47.260 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020860.D

Acq: 17 Jan 2025 17:07

Instrument :

MSVOA_Y

ClientSampleId :

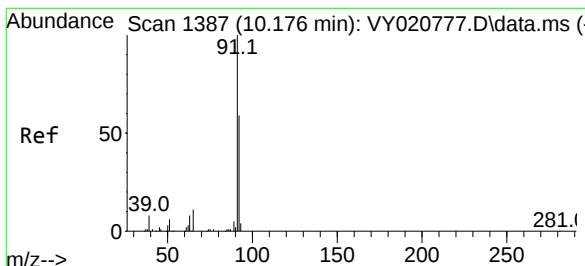
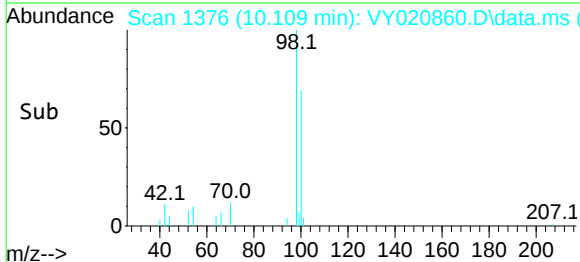
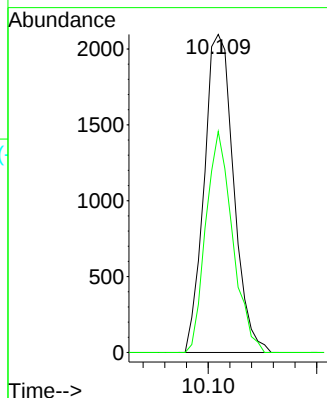
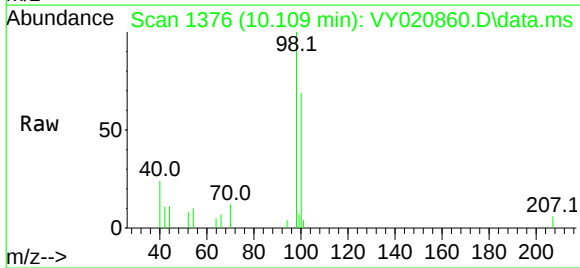
HD-1-011725

Tgt Ion: 98 Resp: 3951

Ion Ratio Lower Upper

98 100

100 63.0 52.5 78.7



#52

Toluene

Concen: 6.289 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. -0.012 min

Lab File: VY020860.D

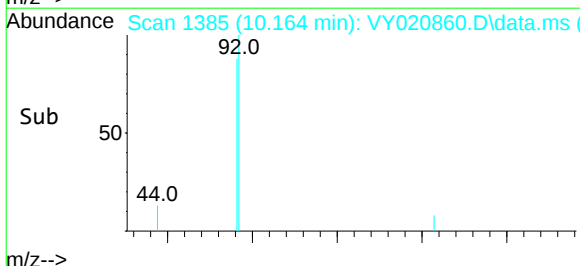
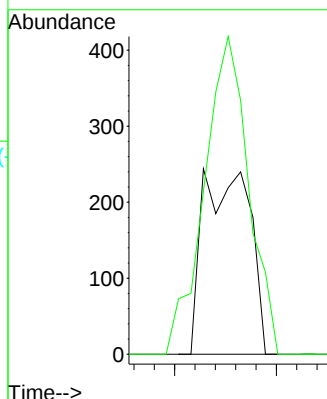
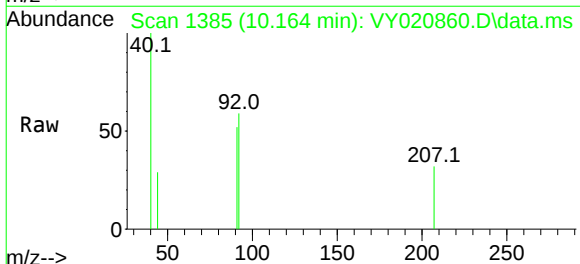
Acq: 17 Jan 2025 17:07

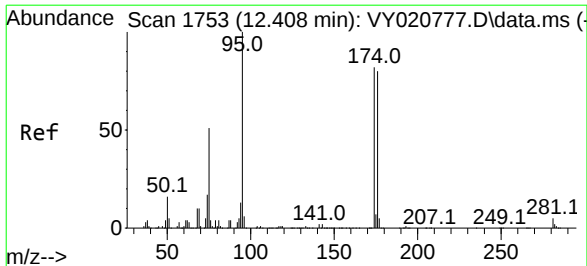
Tgt Ion: 92 Resp: 391

Ion Ratio Lower Upper

92 100

91 161.9 136.6 204.8





#62

4-Bromofluorobenzene

Concen: 13.345 ug/l

RT: 12.414 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020860.D

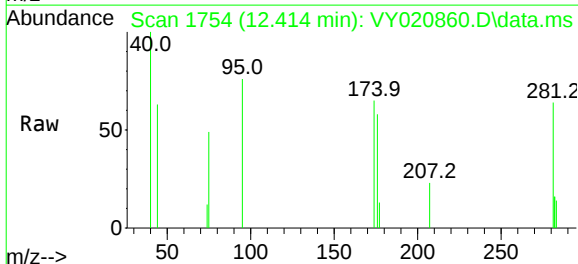
Acq: 17 Jan 2025 17:07

Instrument :

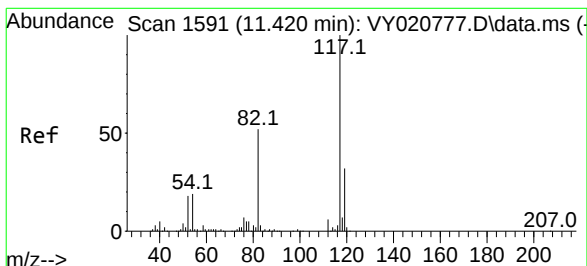
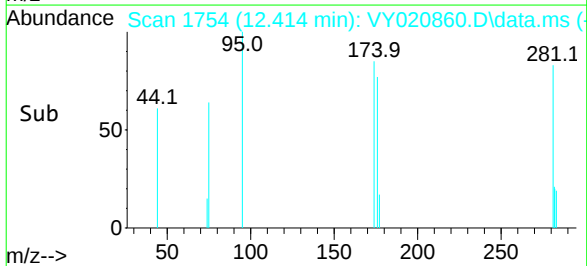
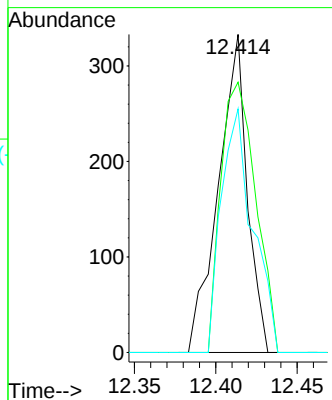
MSVOA_Y

ClientSampleId :

HD-1-011725



Tgt Ion:	95	Resp:	412
Ion	Ratio	Lower	Upper
95	100		
174	102.9	0.0	178.0
176	83.3	0.0	172.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

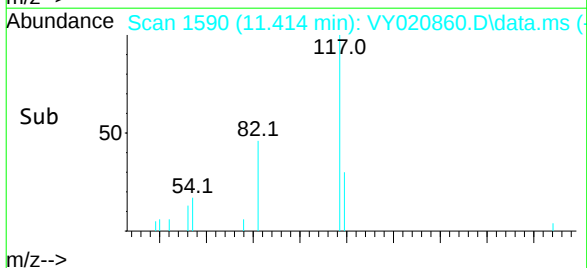
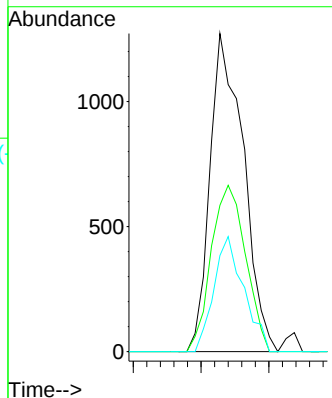
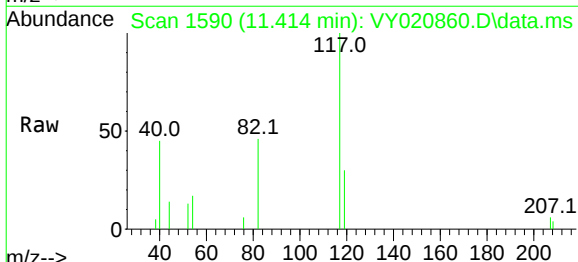
RT: 11.414 min Scan# 1590

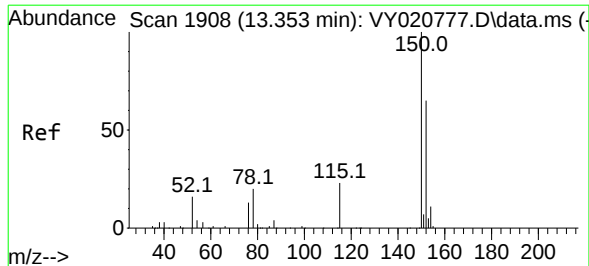
Delta R.T. -0.006 min

Lab File: VY020860.D

Acq: 17 Jan 2025 17:07

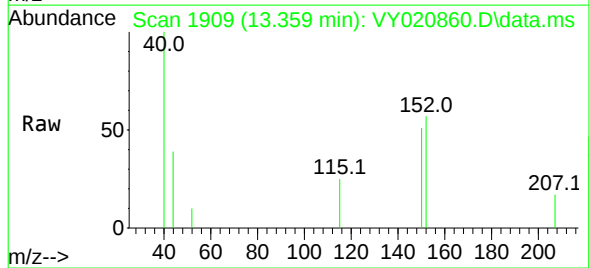
Tgt Ion:	117	Resp:	2179
Ion	Ratio	Lower	Upper
117	100		
82	46.0	41.8	62.6
119	30.2	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY020860.D
 Acq: 17 Jan 2025 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-1-011725



Tgt Ion:	152	Resp:	397
Ion	Ratio	Lower	Upper
152	100		
115	53.9	29.0	87.0
150	160.7	0.0	347.4

