

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020865.D
 Acq On : 17 Jan 2025 19:04
 Operator : SY/MD
 Sample : Q1123-02
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-1172025

Quant Time: Jan 17 23:30:30 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	7.719	168	2859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	4141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1760	72.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.860%
35) Dibromofluoromethane	7.640	113	1546	59.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.180%
50) Toluene-d8	10.115	98	4340	47.989	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.414	95	417	12.486	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	24.980%#

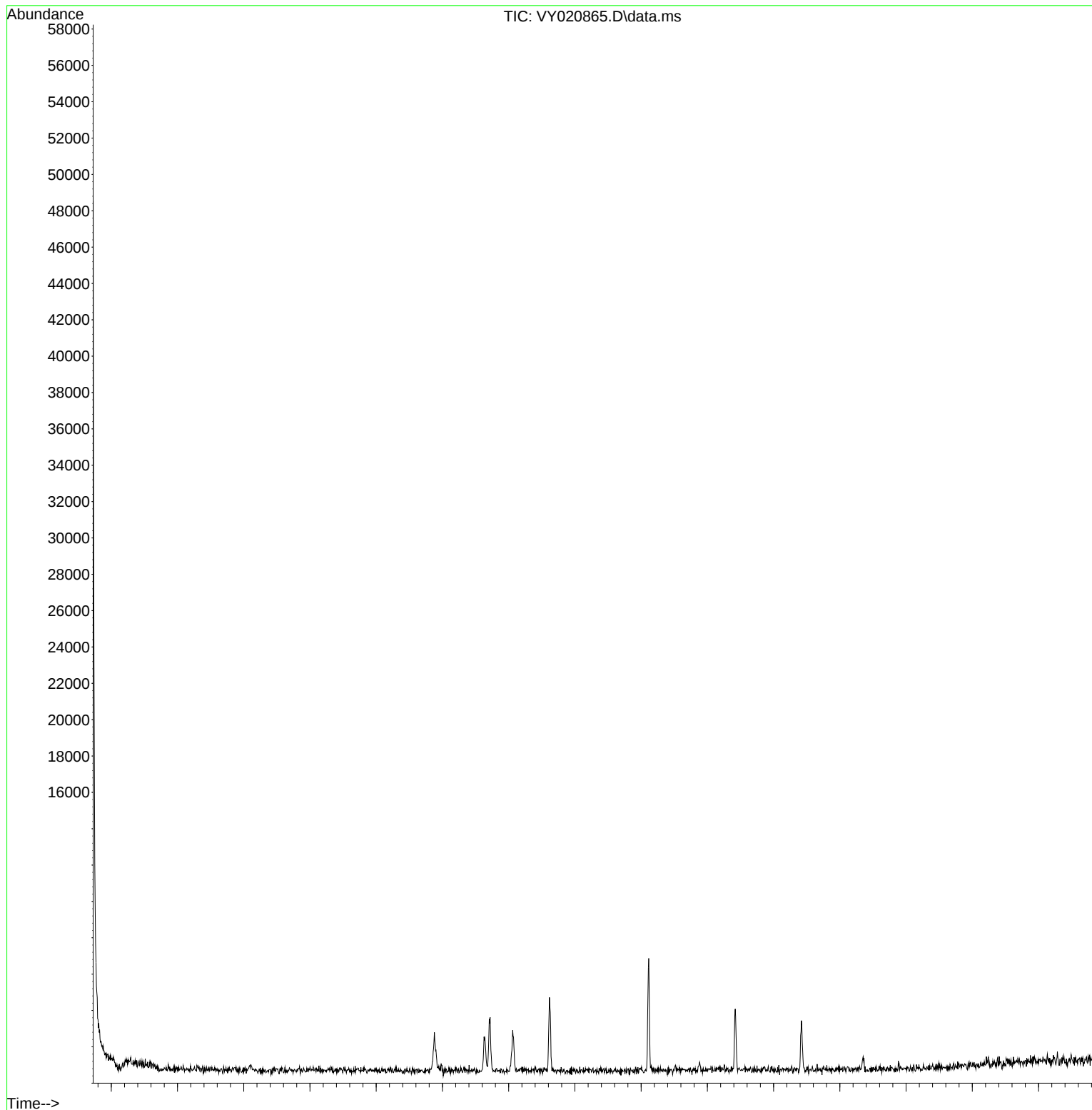
Target Compounds Qvalue

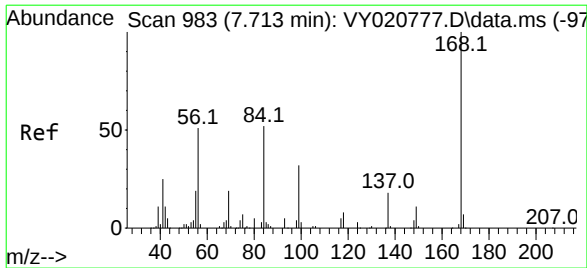
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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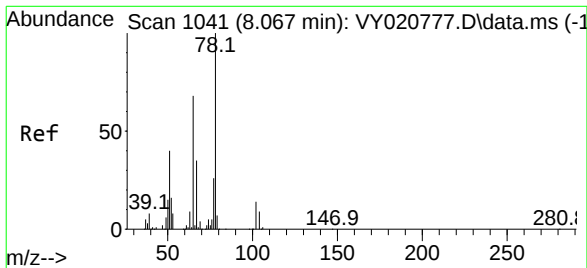
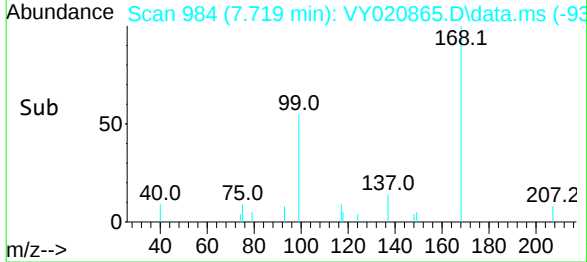
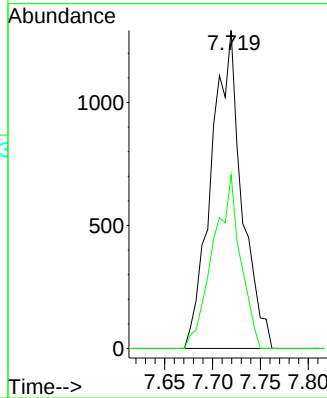
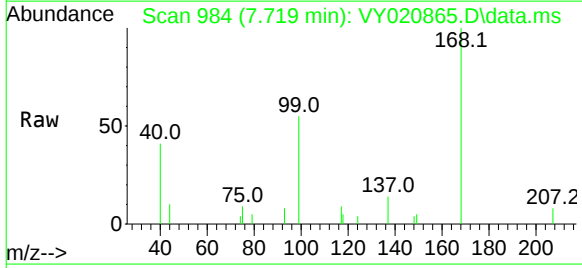




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

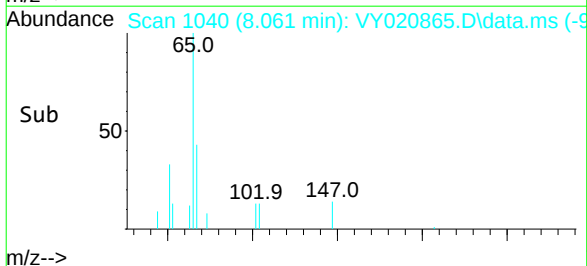
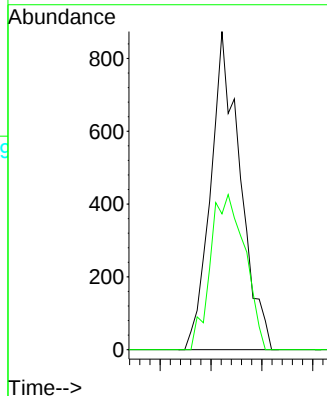
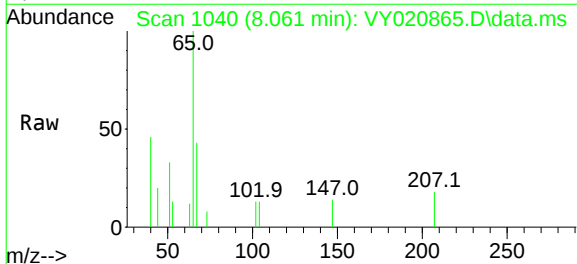
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-1172025

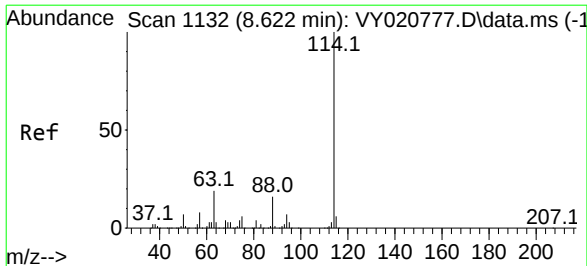
Tgt Ion:168 Resp: 2859
Ion Ratio Lower Upper
168 100
99 54.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 72.426 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Tgt Ion: 65 Resp: 1760
Ion Ratio Lower Upper
65 100
67 57.2 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: VY020865.D

Acq: 17 Jan 2025 19:04

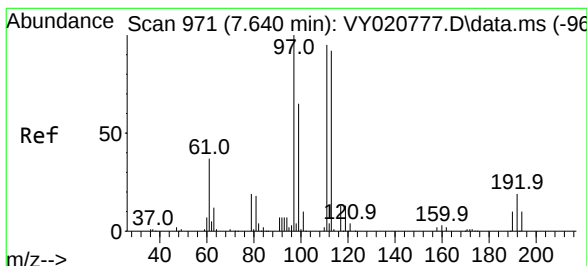
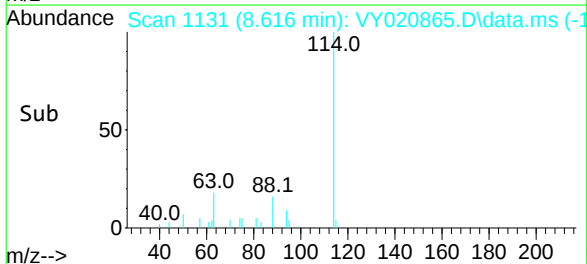
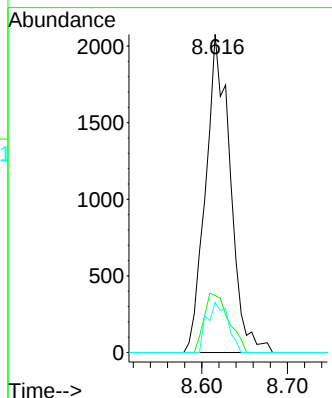
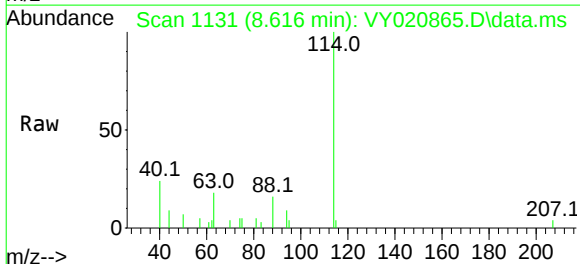
Instrument :

MSVOA_Y

ClientSampleId :

BU-03-1172025

Tgt Ion:	114	Resp:	4141
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	38.4
88	15.8	0.0	31.2



#35

Dibromofluoromethane

Concen: 59.592 ug/l

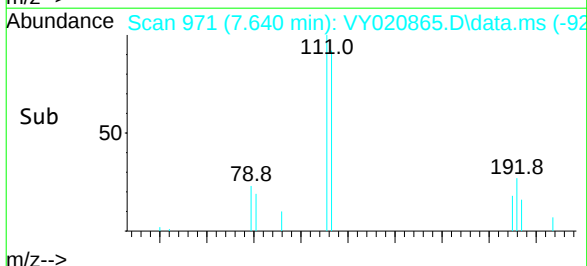
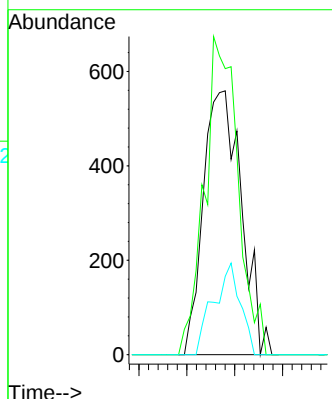
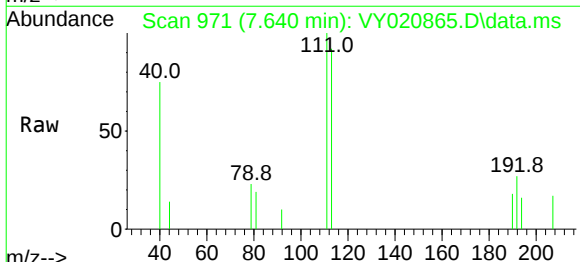
RT: 7.640 min Scan# 971

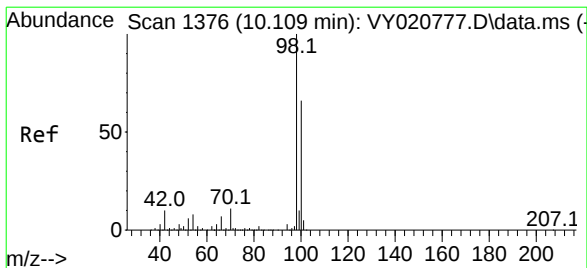
Delta R.T. -0.000 min

Lab File: VY020865.D

Acq: 17 Jan 2025 19:04

Tgt Ion:	113	Resp:	1546
Ion	Ratio	Lower	Upper
113	100		
111	105.7	81.7	122.5
192	24.4	16.7	25.1





#50

Toluene-d8

Concen: 47.989 ug/l

RT: 10.115 min Scan# 13

Delta R.T. 0.006 min

Lab File: VY020865.D

Acq: 17 Jan 2025 19:04

Instrument :

MSVOA_Y

ClientSampleId :

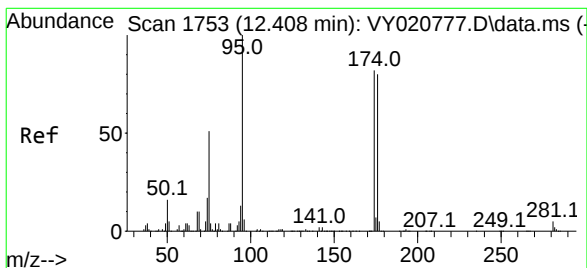
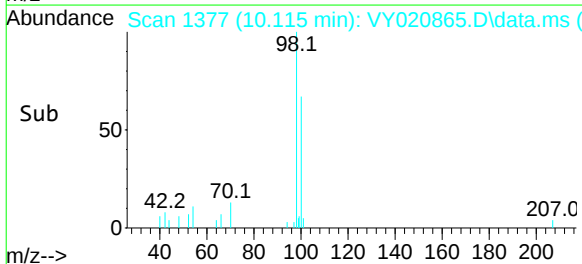
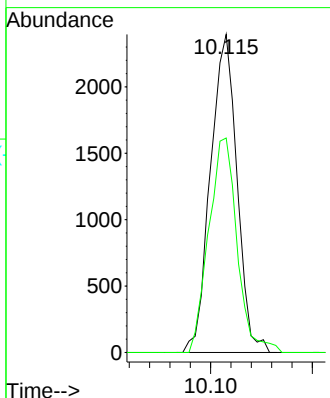
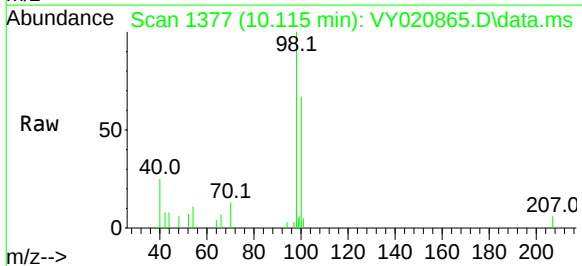
BU-03-1172025

Tgt Ion: 98 Resp: 4340

Ion Ratio Lower Upper

98 100

100 72.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 12.486 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020865.D

Acq: 17 Jan 2025 19:04

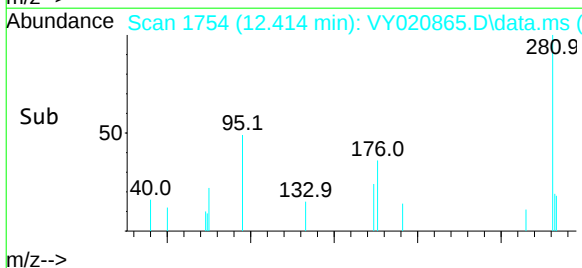
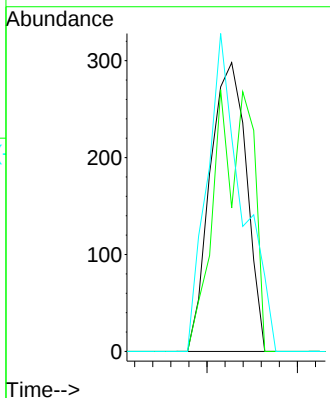
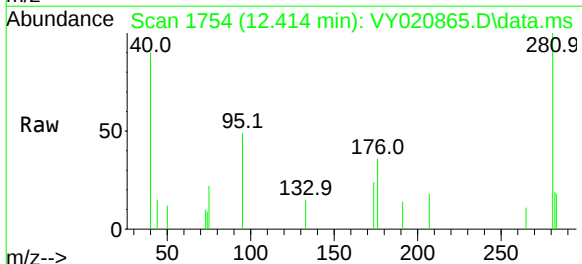
Tgt Ion: 95 Resp: 417

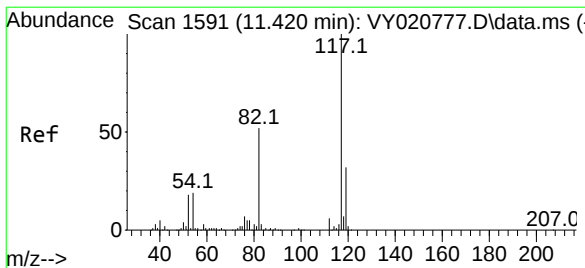
Ion Ratio Lower Upper

95 100

174 93.5 0.0 178.0

176 106.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY020865.D

Acq: 17 Jan 2025 19:04

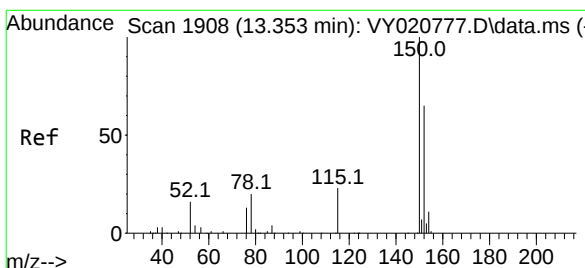
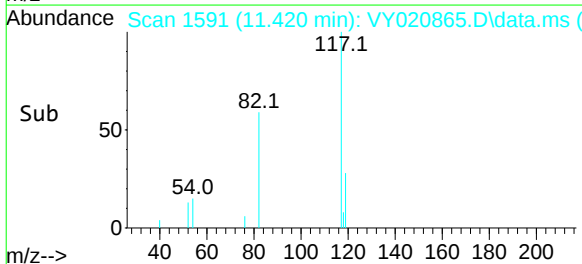
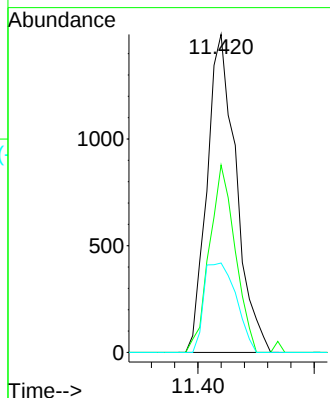
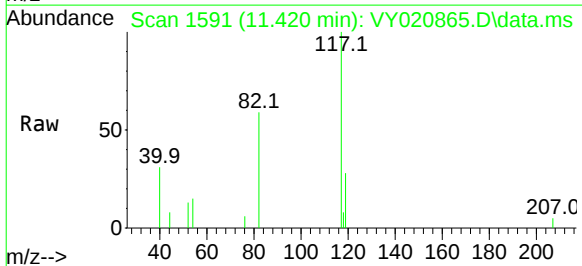
Instrument :

MSVOA_Y

ClientSampleId :

BU-03-1172025

Tgt Ion:	117	Resp:	2590
Ion	Ratio	Lower	Upper
117	100		
82	58.9	41.8	62.6
119	28.1	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: VY020865.D

Acq: 17 Jan 2025 19:04

Tgt Ion:	152	Resp:	387
Ion	Ratio	Lower	Upper
152	100		
115	51.7	29.0	87.0
150	163.3	0.0	347.4

