

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020851.D
 Acq On : 17 Jan 2025 13:36
 Operator : SY/MD
 Sample : Q1115-03
 Misc : 3.96g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 366-VOC

Quant Time: Jan 17 23:25:10 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	3798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	5548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2081	64.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.920%
35) Dibromofluoromethane	7.634	113	1984	57.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.160%
50) Toluene-d8	10.109	98	5547	45.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.560%
62) 4-Bromofluorobenzene	12.420	95	489	10.929	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	21.860%#

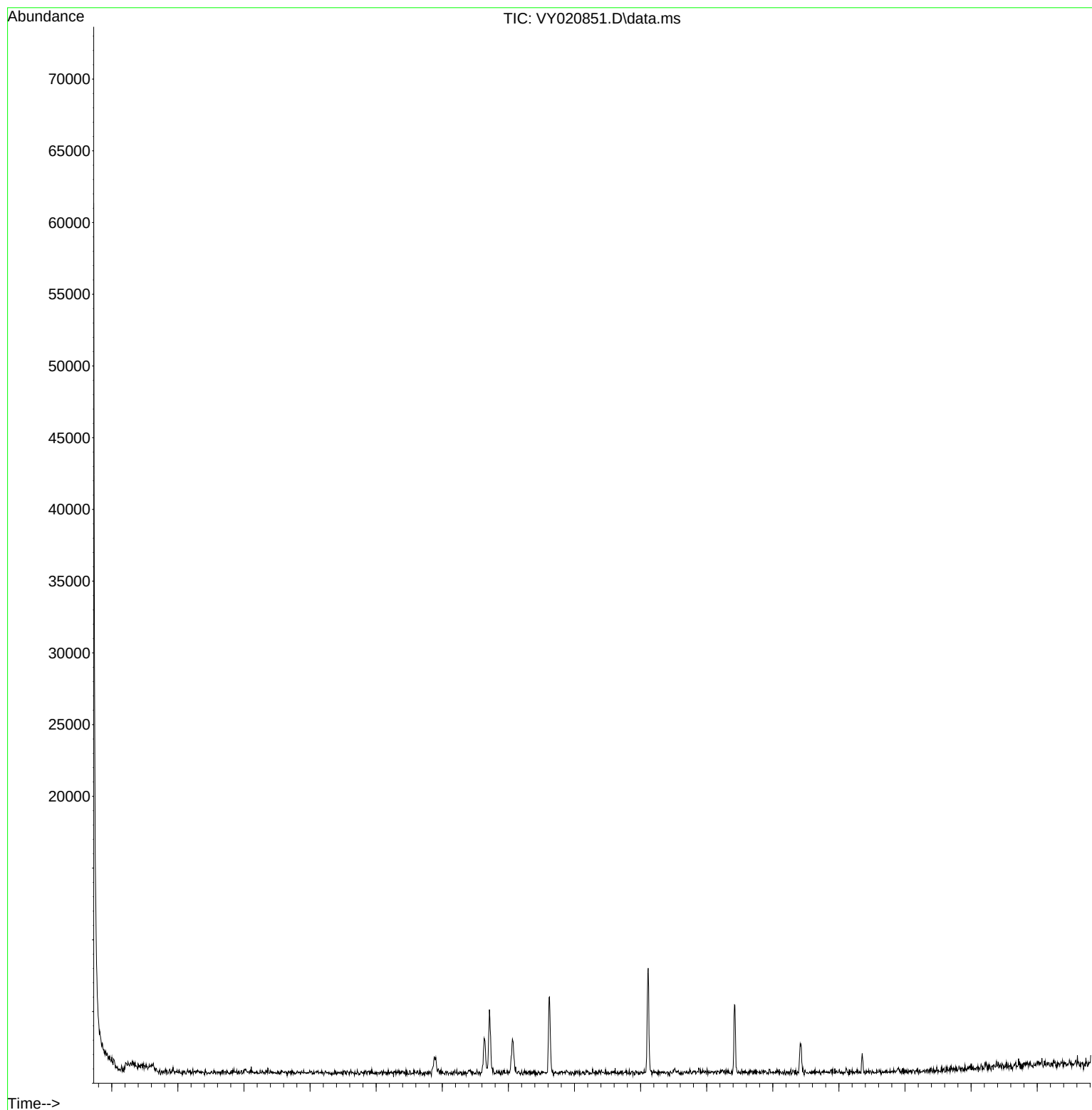
Target Compounds Qvalue

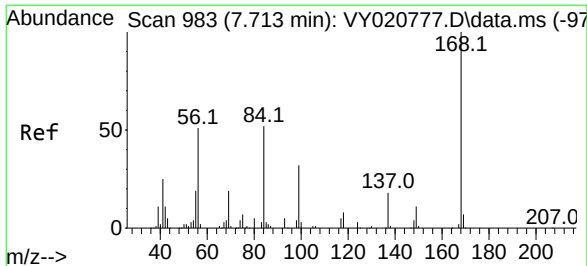
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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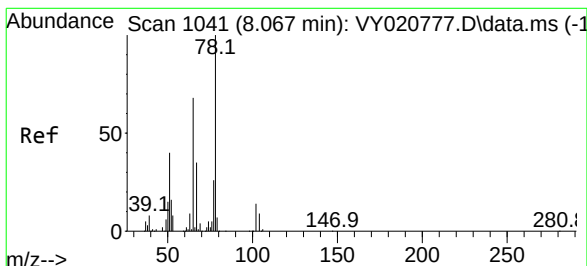
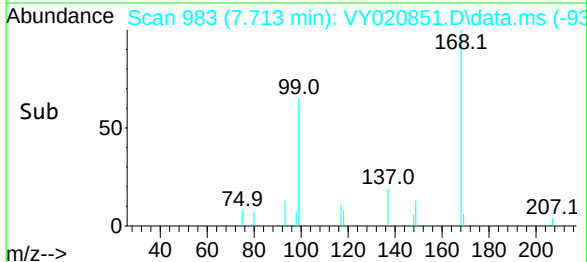
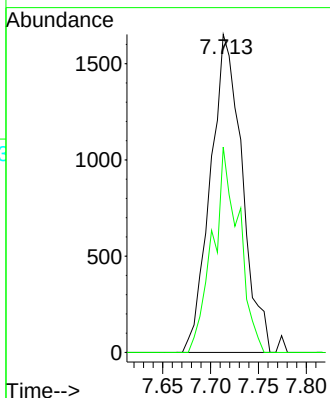
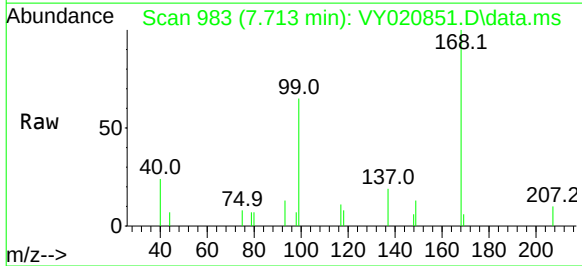




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

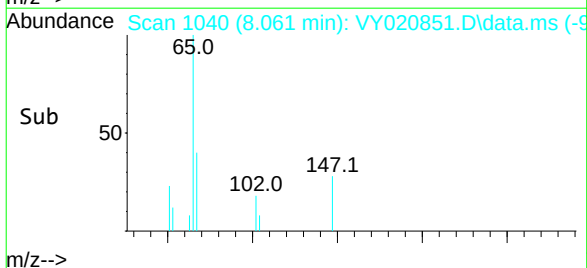
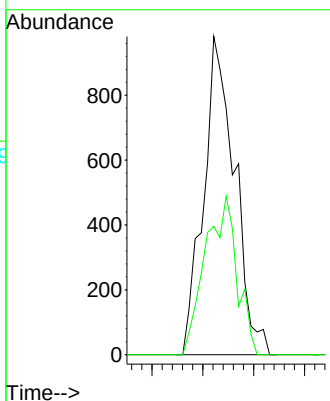
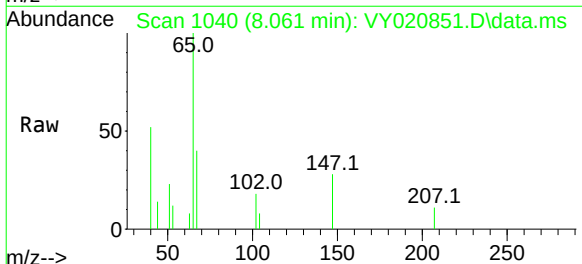
Instrument :
MSVOA_Y
ClientSampleId :
366-VOC

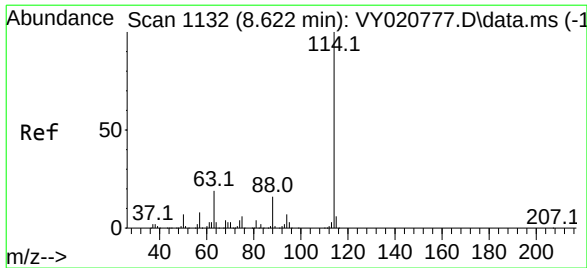
Tgt Ion:168 Resp: 3798
Ion Ratio Lower Upper
168 100
99 64.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 64.464 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Tgt Ion: 65 Resp: 2081
Ion Ratio Lower Upper
65 100
67 50.9 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: VY020851.D

Acq: 17 Jan 2025 13:36

Instrument :

MSVOA_Y

ClientSampleId :

366-VOC

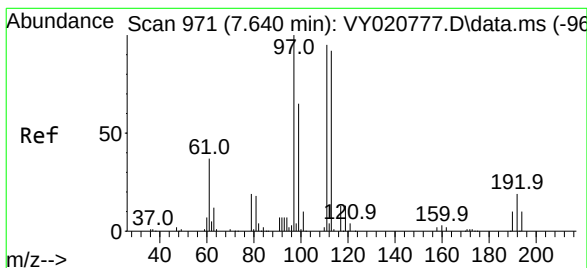
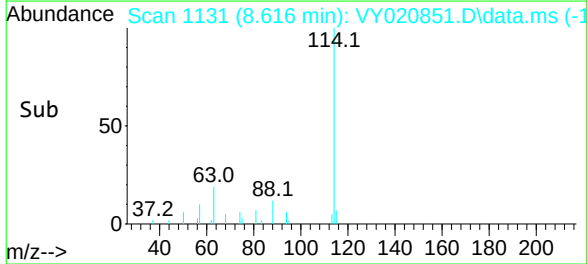
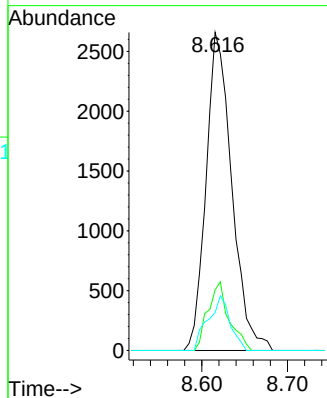
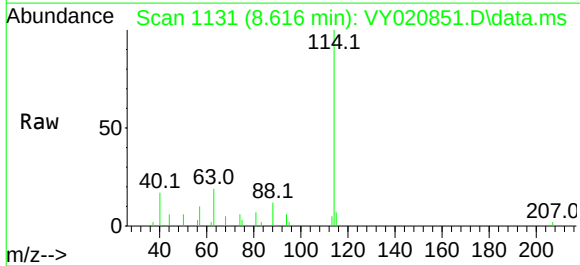
Tgt Ion:114 Resp: 5548

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 12.0 0.0 31.2



#35

Dibromofluoromethane

Concen: 57.081 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY020851.D

Acq: 17 Jan 2025 13:36

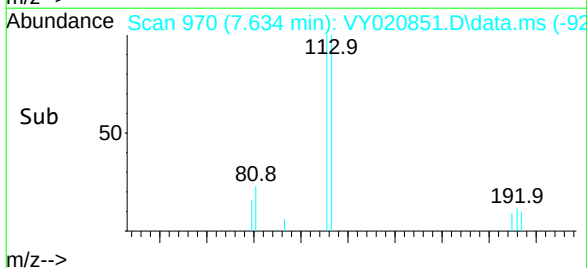
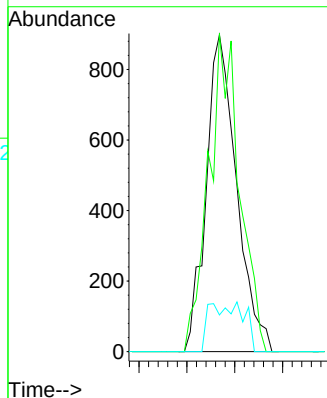
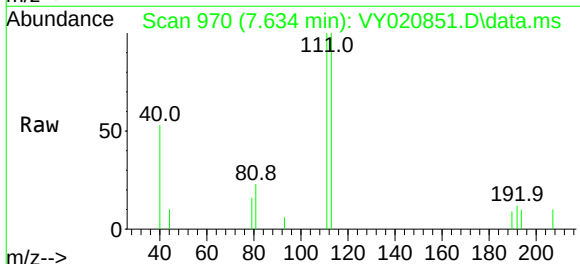
Tgt Ion:113 Resp: 1984

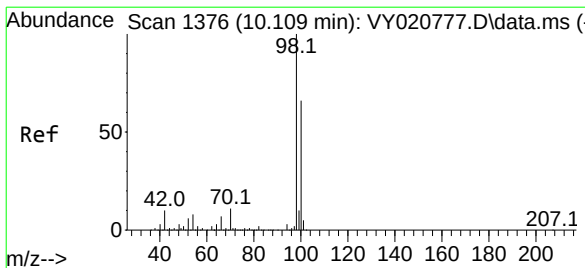
Ion Ratio Lower Upper

113 100

111 102.1 81.7 122.5

192 6.9 16.7 25.1#





#50

Toluene-d8

Concen: 45.780 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020851.D

Acq: 17 Jan 2025 13:36

Instrument :

MSVOA_Y

ClientSampleId :

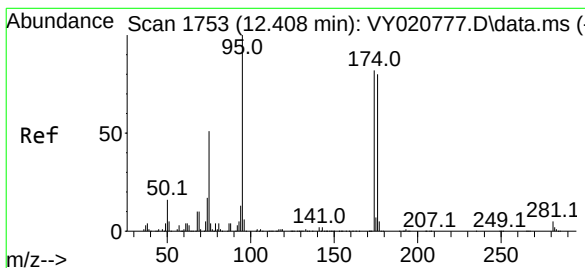
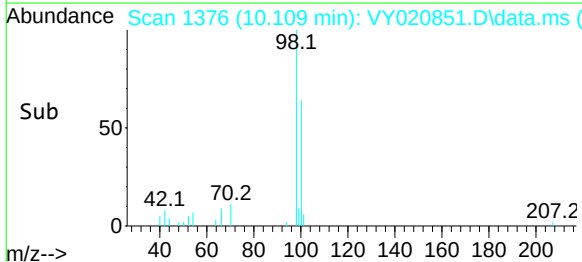
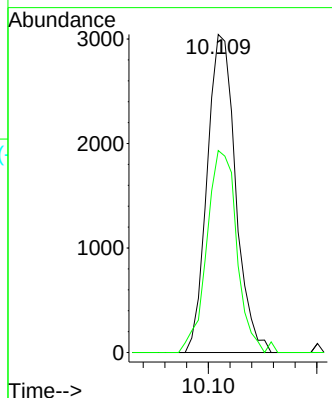
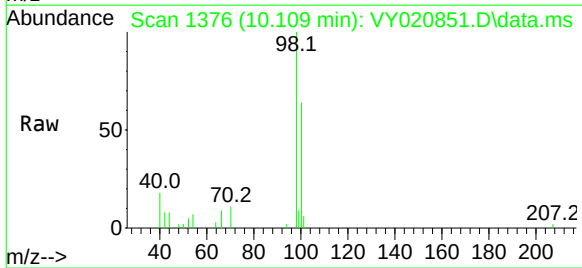
366-VOC

Tgt Ion: 98 Resp: 5547

Ion Ratio Lower Upper

98 100

100 67.2 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 10.929 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020851.D

Acq: 17 Jan 2025 13:36

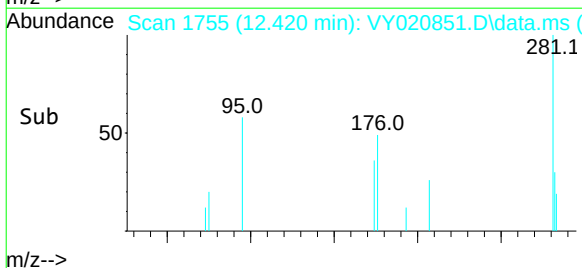
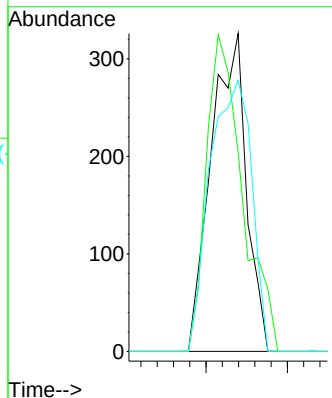
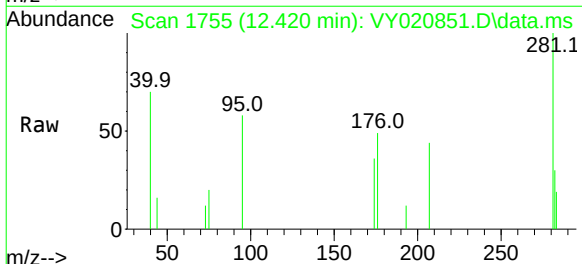
Tgt Ion: 95 Resp: 489

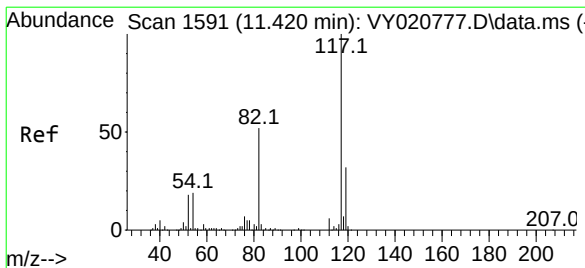
Ion Ratio Lower Upper

95 100

174 102.0 0.0 178.0

176 101.2 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: VY020851.D

Acq: 17 Jan 2025 13:36

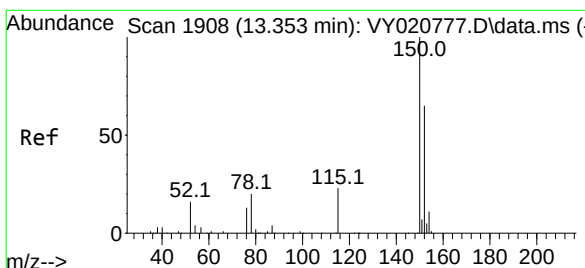
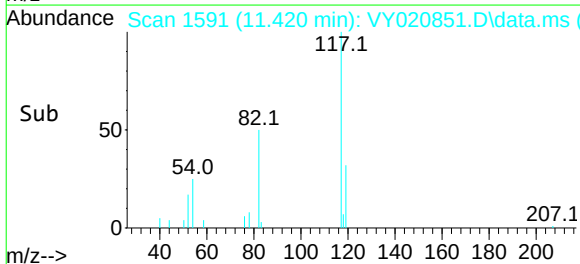
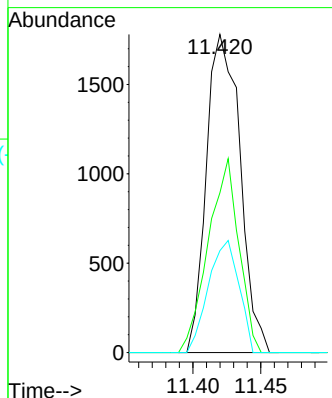
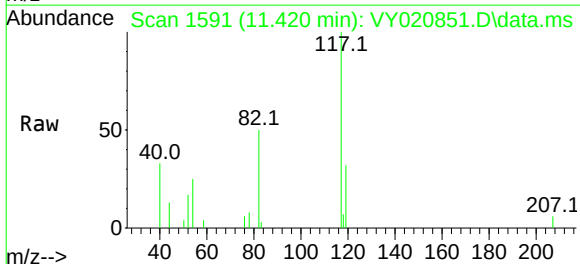
Instrument :

MSVOA_Y

ClientSampleId :

366-VOC

Tgt Ion:	117	Resp:	3068
Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.8	62.6
119	32.0	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020851.D

Acq: 17 Jan 2025 13:36

Tgt Ion:	152	Resp:	375
Ion	Ratio	Lower	Upper
152	100		
115	69.3	29.0	87.0
150	198.7	0.0	347.4

