

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020858.D
 Acq On : 17 Jan 2025 16:20
 Operator : SY/MD
 Sample : Q1110-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-1-VOC

Quant Time: Jan 17 23:27:56 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	559	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.628	114	622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	322	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	96	50.000	ug/l	# 0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	371	78.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.160%
35) Dibromofluoromethane	7.628	113	309	79.296	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	158.600%#
50) Toluene-d8	10.109	98	437	32.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	64.340%
62) 4-Bromofluorobenzene	12.408	95	91	18.140	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	36.280%

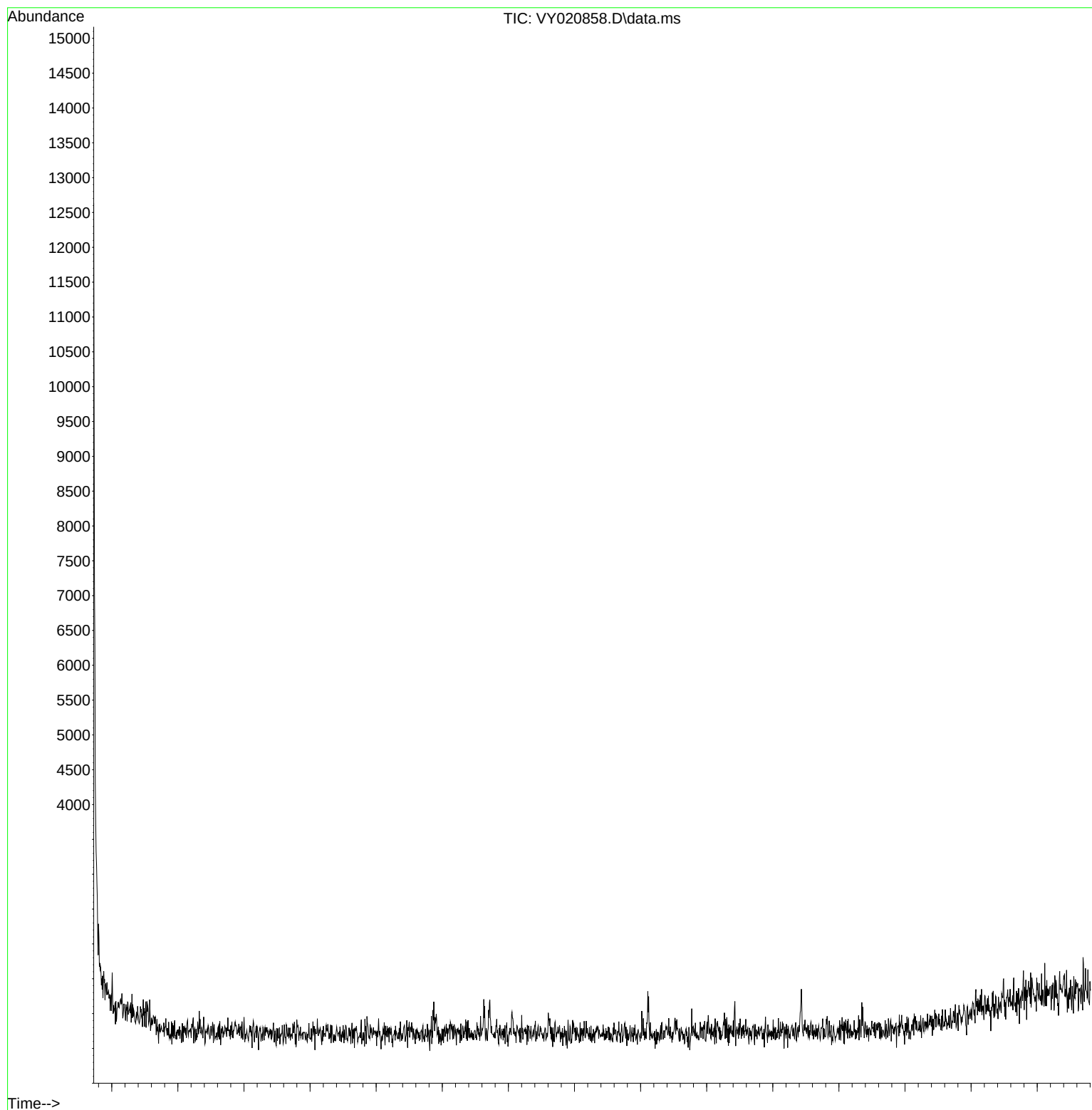
Target Compounds	Qvalue

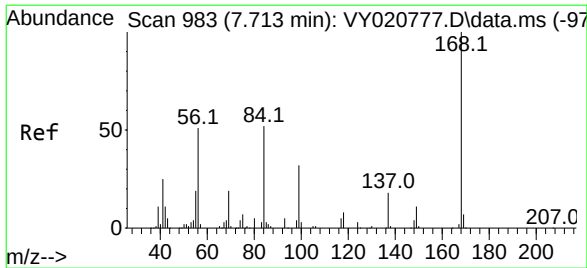
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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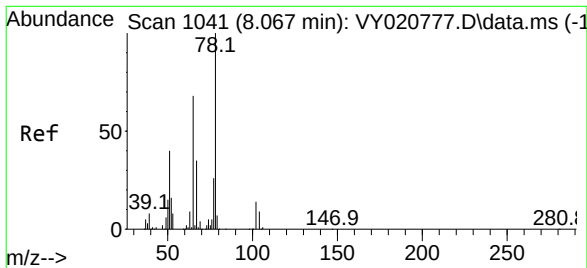
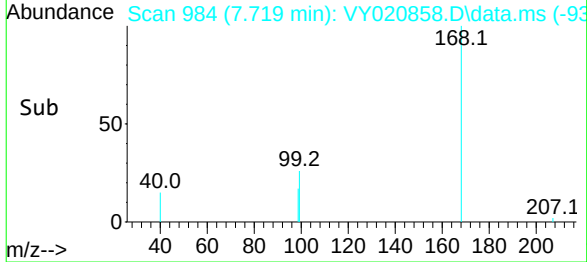
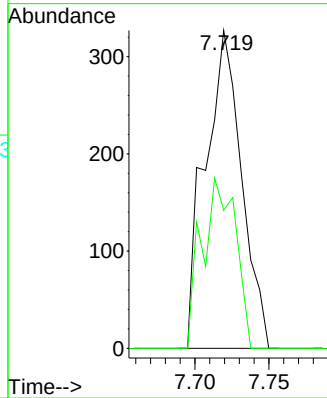
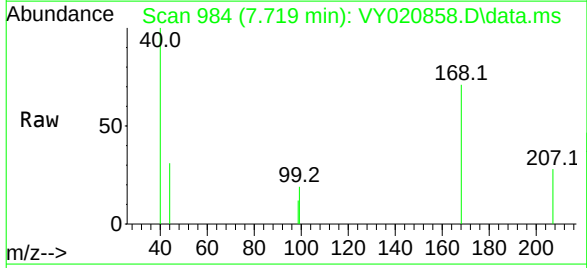




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020858.D
Acq: 17 Jan 2025 16:20

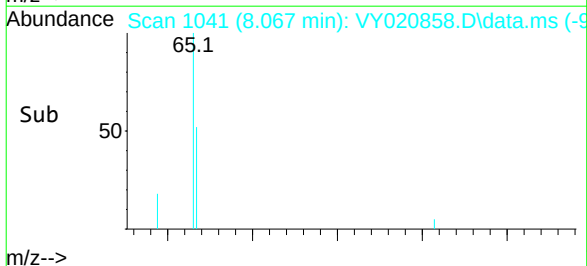
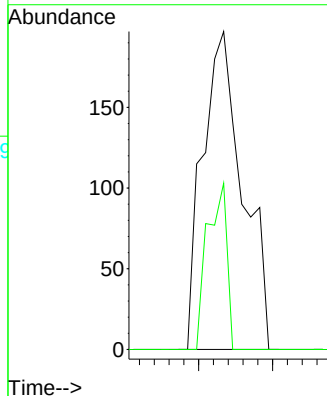
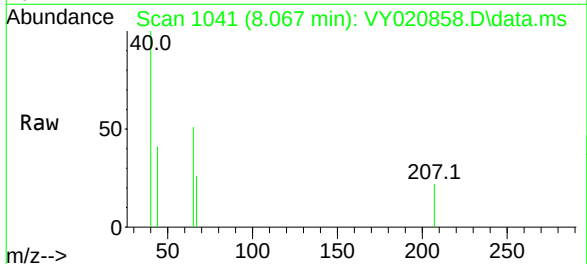
Instrument :
MSVOA_Y
ClientSampleId :
BIN-1-VOC

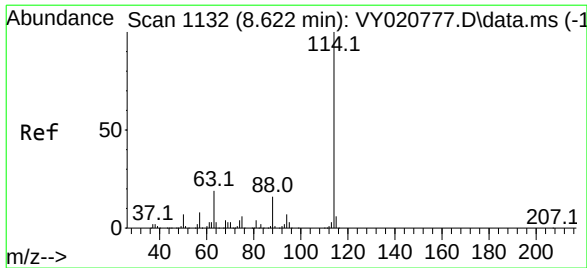
Tgt Ion:168 Resp: 559
Ion Ratio Lower Upper
168 100
99 43.4 44.3 66.5#



#33
1,2-Dichloroethane-d4
Concen: 78.084 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020858.D
Acq: 17 Jan 2025 16:20

Tgt Ion: 65 Resp: 371
Ion Ratio Lower Upper
65 100
67 25.3 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: VY020858.D

Acq: 17 Jan 2025 16:20

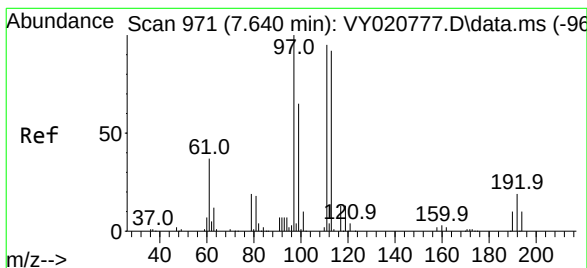
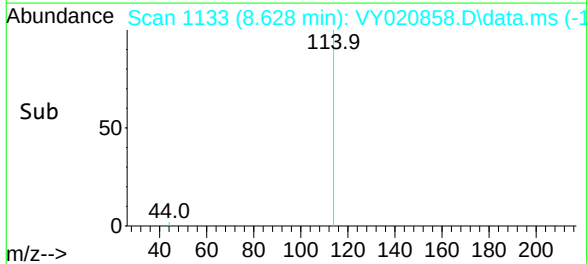
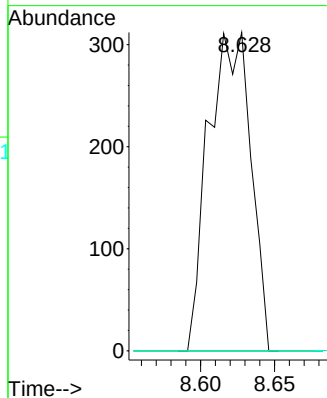
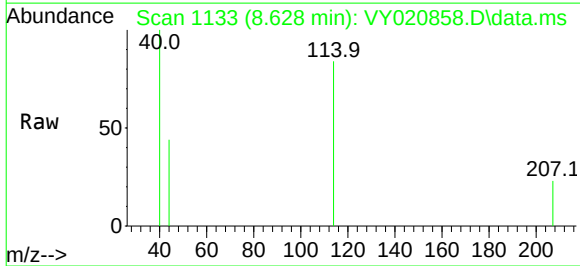
Instrument :

MSVOA_Y

ClientSampleId :

BIN-1-VOC

Tgt Ion:	114	Resp:	622
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	38.4
88	0.0	0.0	31.2



#35

Dibromofluoromethane

Concen: 79.296 ug/l

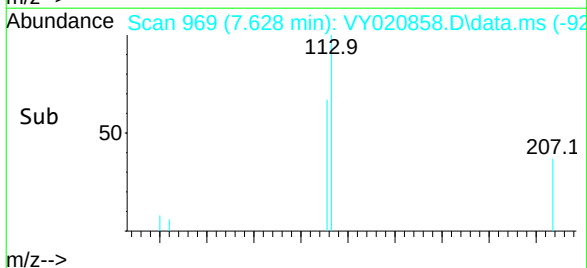
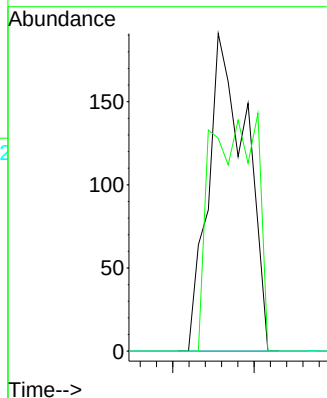
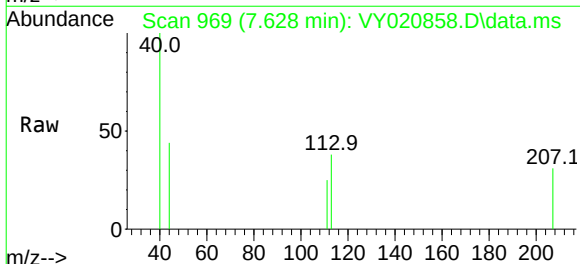
RT: 7.628 min Scan# 969

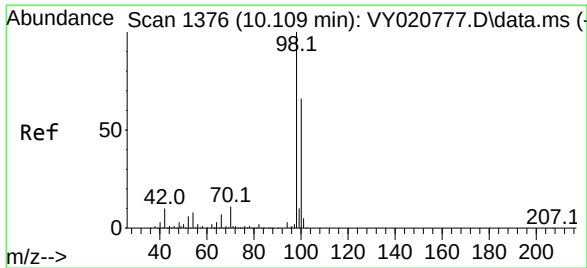
Delta R.T. -0.012 min

Lab File: VY020858.D

Acq: 17 Jan 2025 16:20

Tgt Ion:	113	Resp:	309
Ion	Ratio	Lower	Upper
113	100		
111	44.0	81.7	122.5#
192	0.0	16.7	25.1#





#50

Toluene-d8

Concen: 32.170 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020858.D

Acq: 17 Jan 2025 16:20

Instrument :

MSVOA_Y

ClientSampleId :

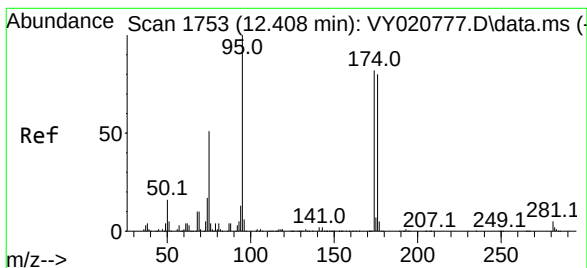
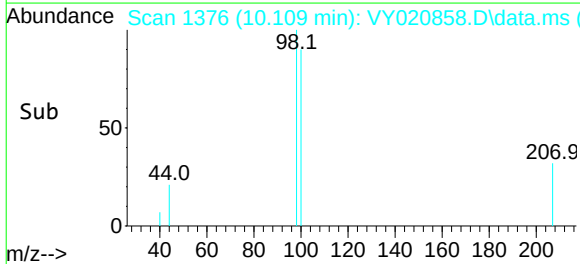
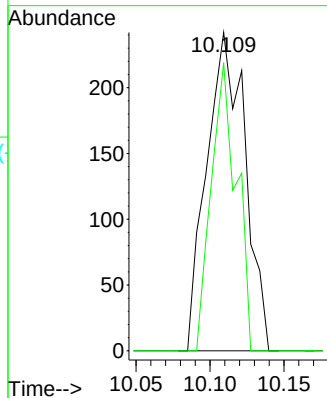
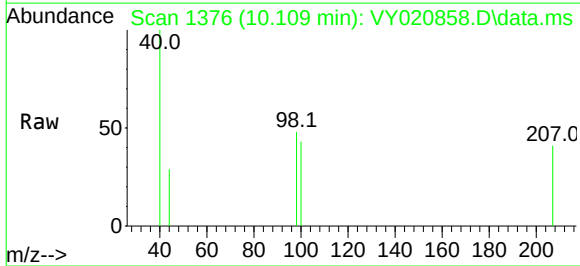
BIN-1-VOC

Tgt Ion: 98 Resp: 437

Ion Ratio Lower Upper

98 100

100 59.5 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 18.140 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY020858.D

Acq: 17 Jan 2025 16:20

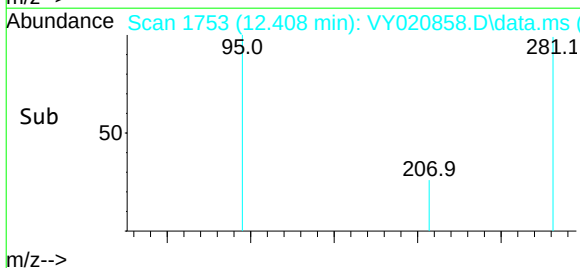
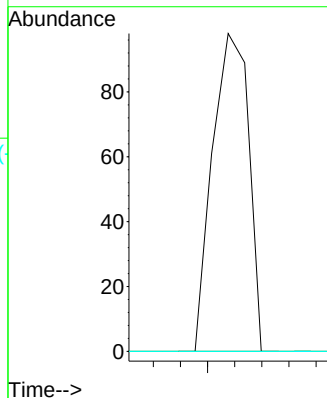
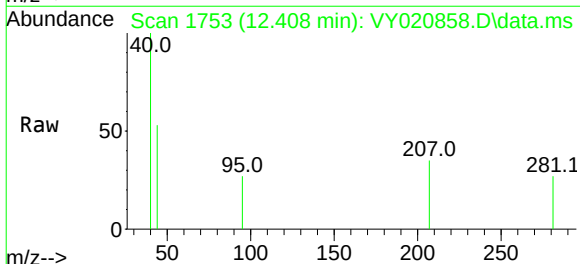
Tgt Ion: 95 Resp: 91

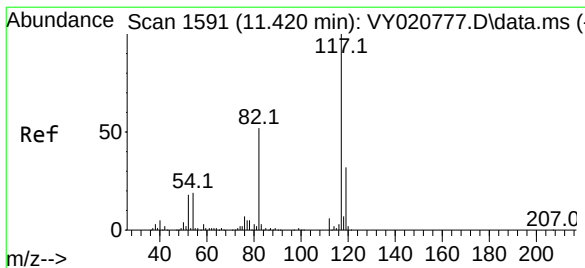
Ion Ratio Lower Upper

95 100

174 0.0 0.0 178.0

176 0.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020858.D

Acq: 17 Jan 2025 16:20

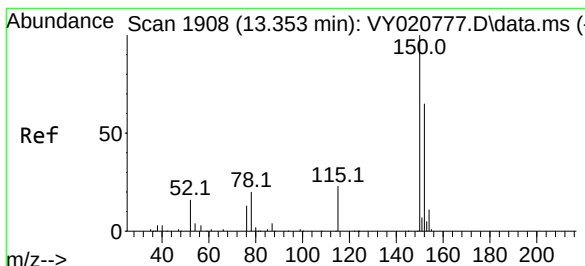
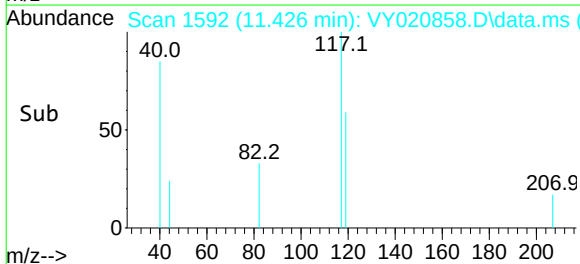
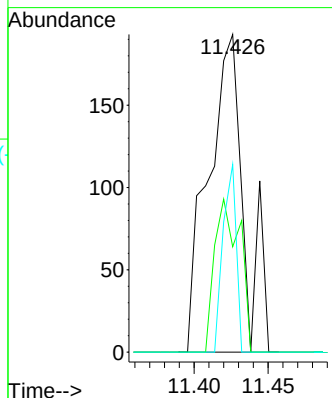
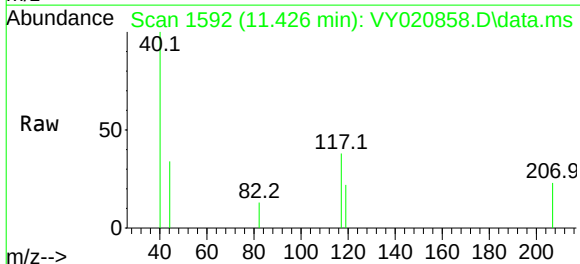
Instrument :

MSVOA_Y

ClientSampleId :

BIN-1-VOC

Tgt Ion:	117	Resp:	322
Ion	Ratio	Lower	Upper
117	100		
82	33.2	41.8	62.6#
119	59.1	25.8	38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY020858.D

Acq: 17 Jan 2025 16:20

Tgt Ion:	152	Resp:	96
Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.0	87.0#
150	180.2	0.0	347.4

