

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019761.D
 Acq On : 02 Oct 2024 13:49
 Operator : SY/MD
 Sample : P4236-10
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-VOC

Quant Time: Oct 03 02:01:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	1399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	2551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	889	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	200	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1154	89.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	178.160%#
35) Dibromofluoromethane	7.640	113	1151	79.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	159.160%#
50) Toluene-d8	10.109	98	1828	34.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.340%
62) 4-Bromofluorobenzene	12.408	95	239	11.619	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	23.240%#

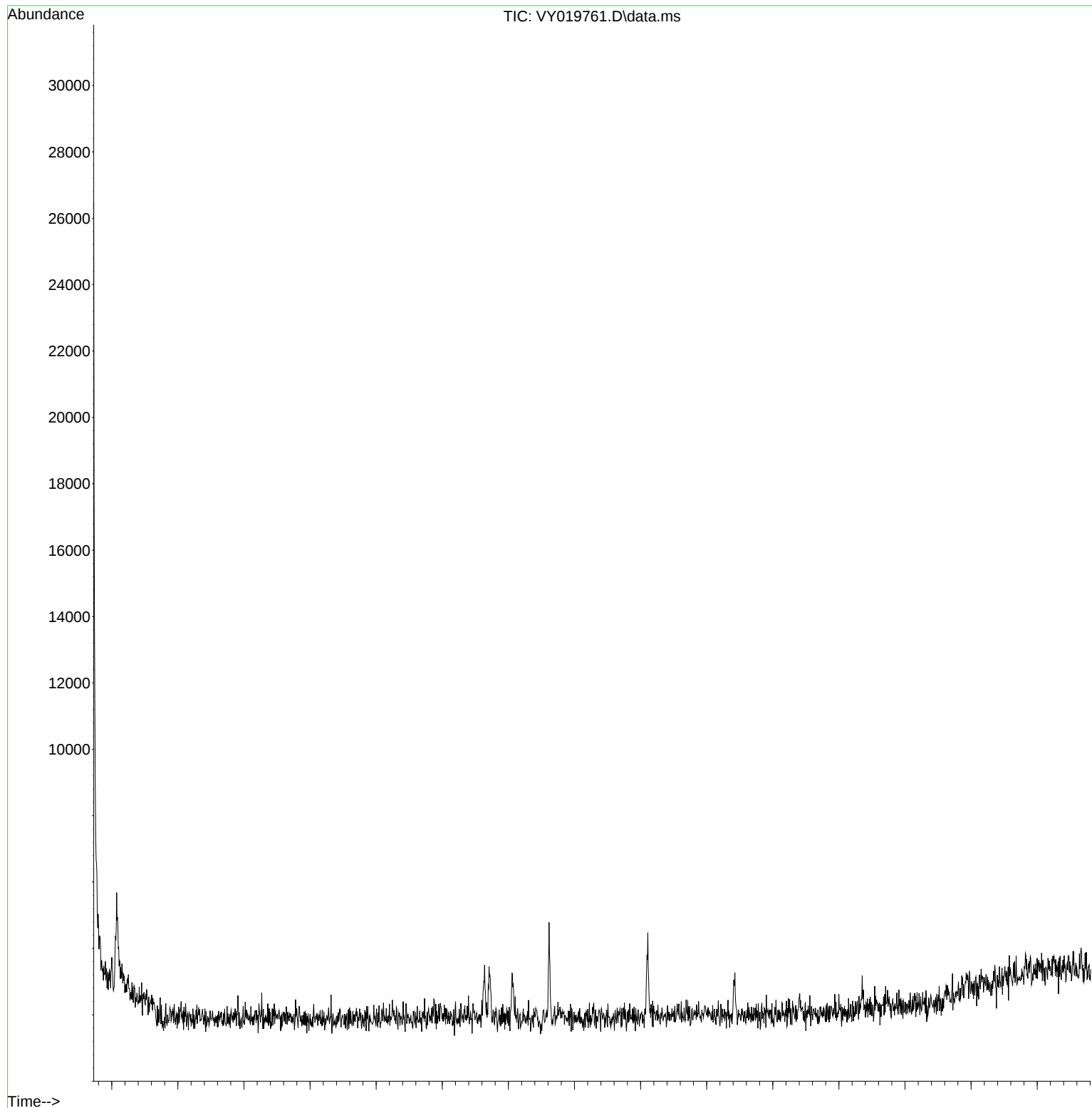
Target Compounds Qvalue

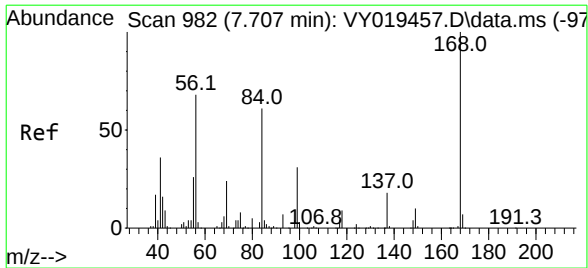
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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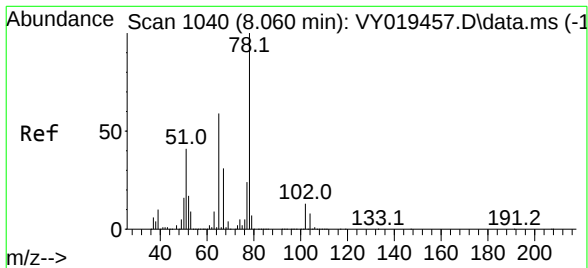
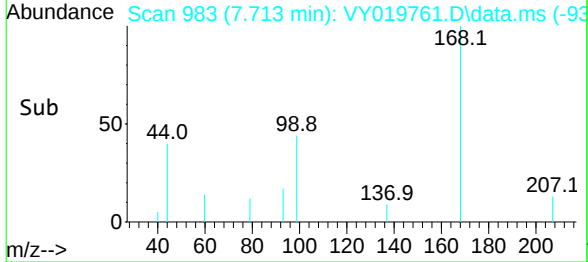
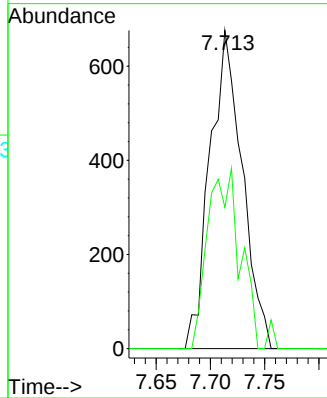
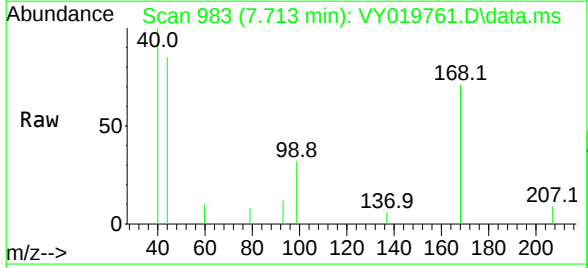




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019761.D
Acq: 02 Oct 2024 13:49

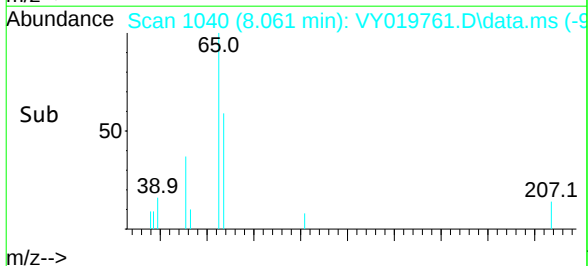
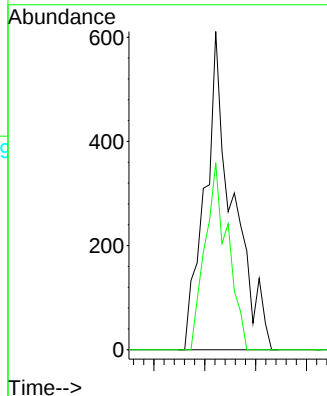
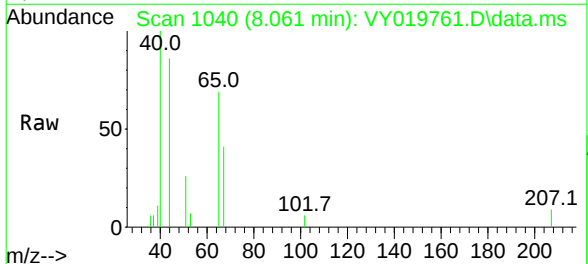
Instrument :
MSVOA_Y
ClientSampleId :
TP1-VOC

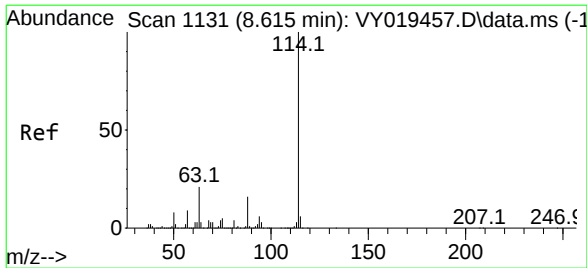
Tgt Ion:168 Resp: 1399
Ion Ratio Lower Upper
168 100
99 44.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 89.082 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019761.D
Acq: 02 Oct 2024 13:49

Tgt Ion: 65 Resp: 1154
Ion Ratio Lower Upper
65 100
67 48.3 0.0 109.6

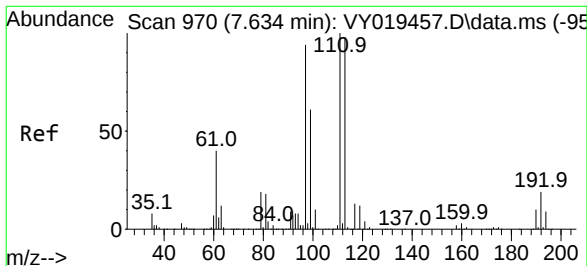
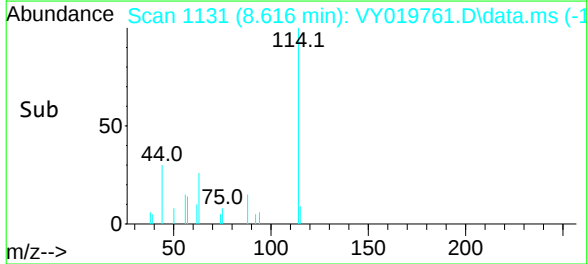
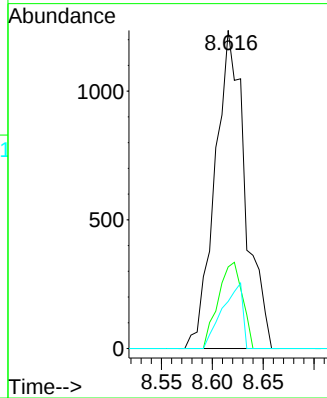
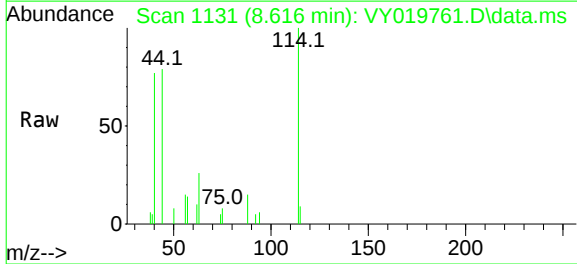




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019761.D
Acq: 02 Oct 2024 13:49

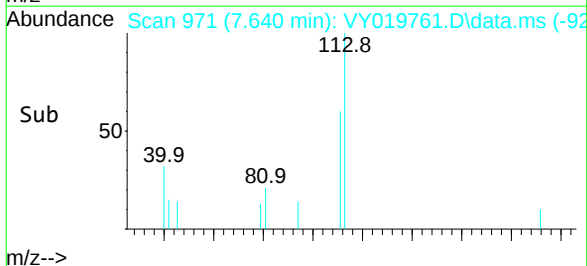
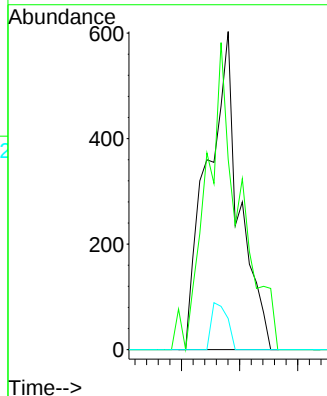
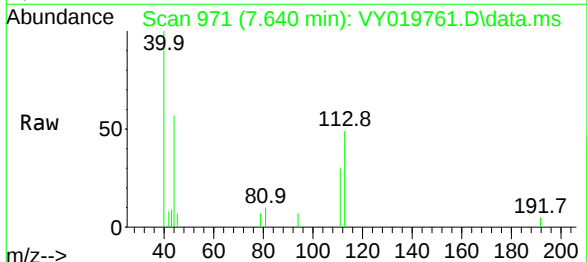
Instrument :
MSVOA_Y
ClientSampleId :
TP1-VOC

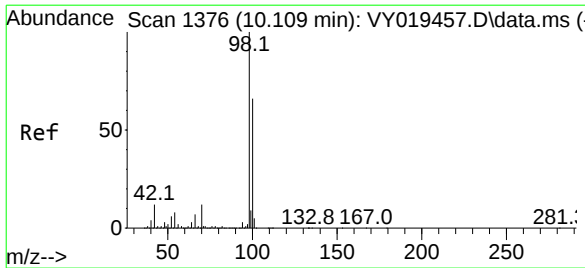
Tgt Ion:	114	Resp:	2551
Ion	Ratio	Lower	Upper
114	100		
63	25.6	0.0	35.0
88	14.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 79.579 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019761.D
Acq: 02 Oct 2024 13:49

Tgt Ion:	113	Resp:	1151
Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.2	123.4
192	7.3	15.9	23.9#





#50

Toluene-d8

Concen: 34.170 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019761.D

Acq: 02 Oct 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

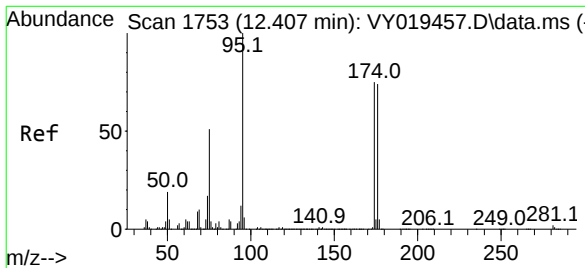
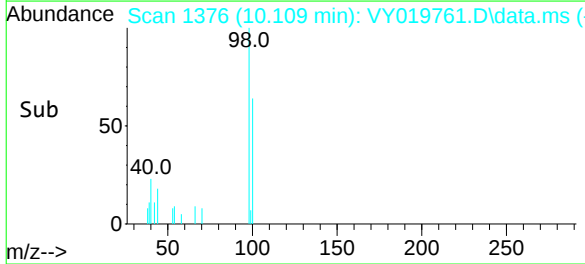
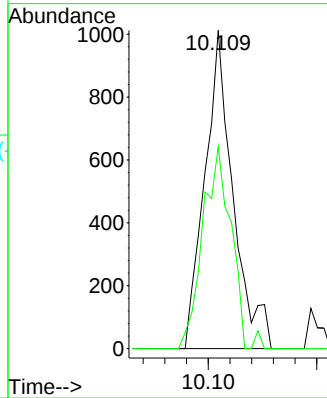
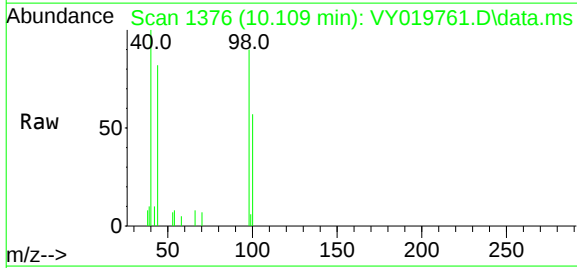
TP1-VOC

Tgt Ion: 98 Resp: 1828

Ion Ratio Lower Upper

98 100

100 62.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 11.619 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019761.D

Acq: 02 Oct 2024 13:49

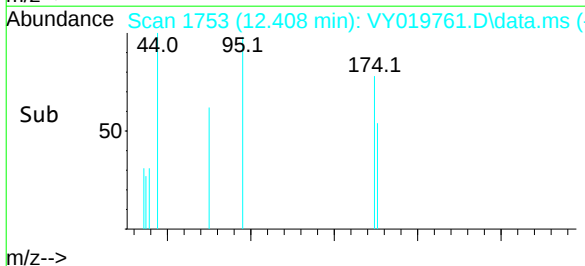
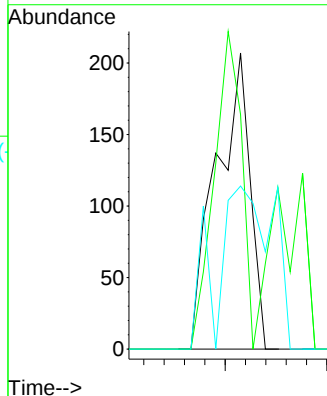
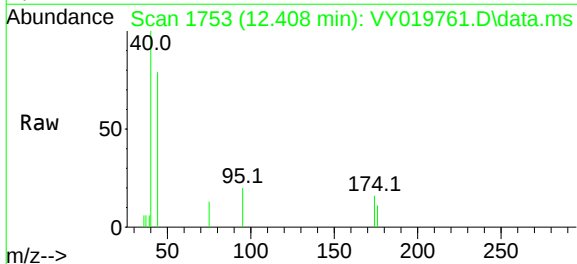
Tgt Ion: 95 Resp: 239

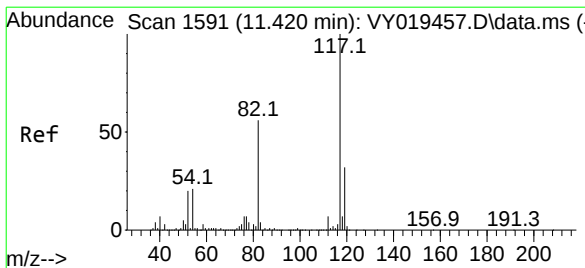
Ion Ratio Lower Upper

95 100

174 87.4 0.0 175.6

176 92.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY019761.D

Acq: 02 Oct 2024 13:49

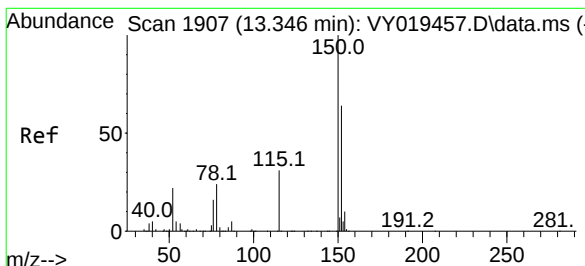
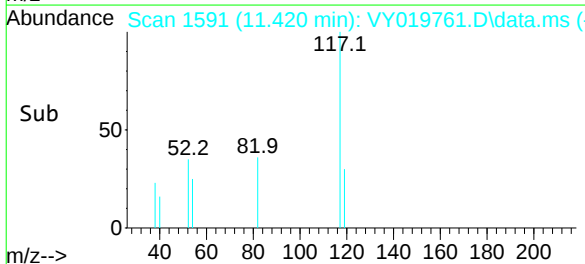
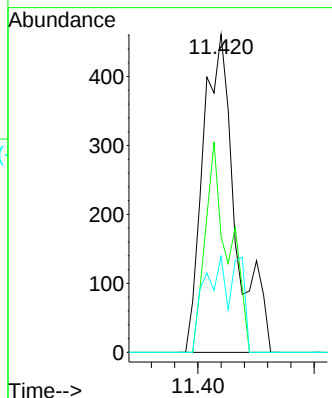
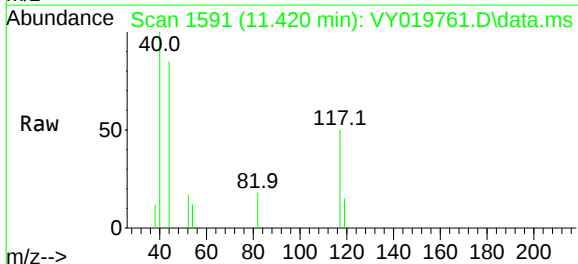
Instrument :

MSVOA_Y

ClientSampleId :

TP1-VOC

Tgt Ion:	117	Resp:	889
Ion	Ratio	Lower	Upper
117	100		
82	36.4	42.4	63.6#
119	30.2	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019761.D

Acq: 02 Oct 2024 13:49

Tgt Ion:	152	Resp:	200
Ion	Ratio	Lower	Upper
152	100		
115	101.5	28.2	84.7#
150	227.0	0.0	345.6

