

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020351.D
 Acq On : 20 Nov 2024 11:57
 Operator : SY/MD
 Sample : P4910-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-759-VOC

Quant Time: Nov 21 00:45:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	12304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	19915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	14361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3916	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	5853	41.405	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.820%
35) Dibromofluoromethane	7.634	113	5356	41.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.880%
50) Toluene-d8	10.109	98	22805	45.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.402	95	5397	33.374	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	66.740%

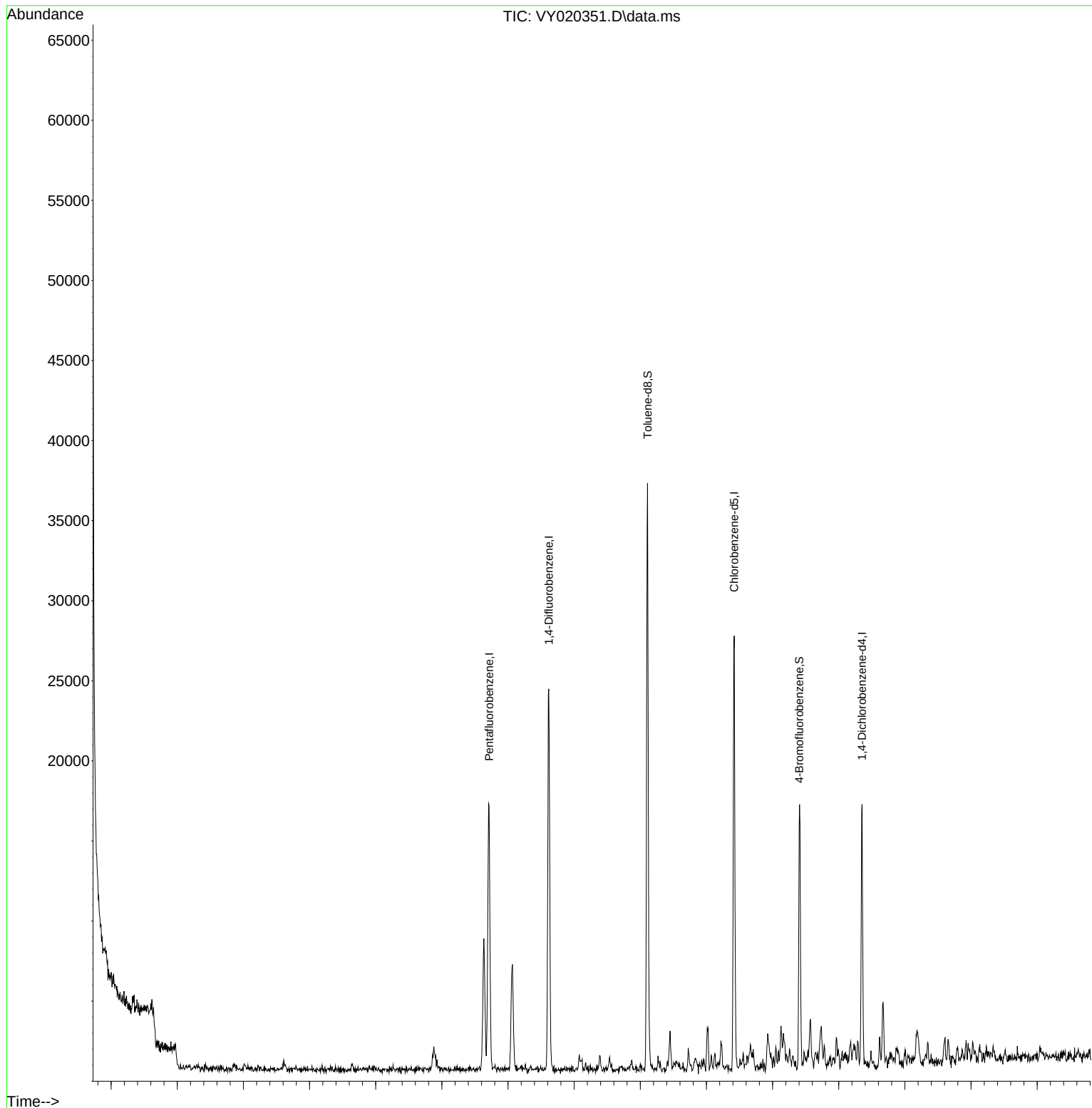
Target Compounds	Qvalue

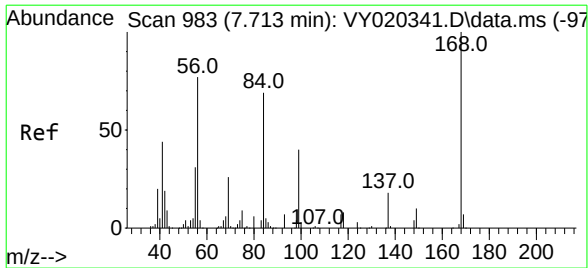
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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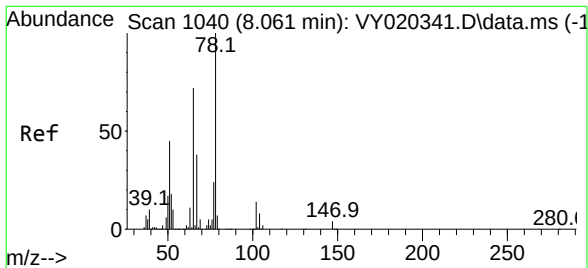
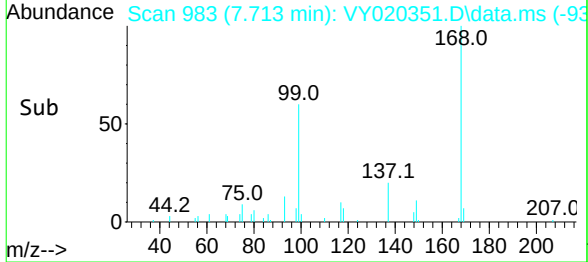
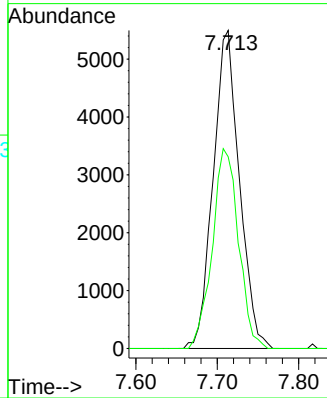
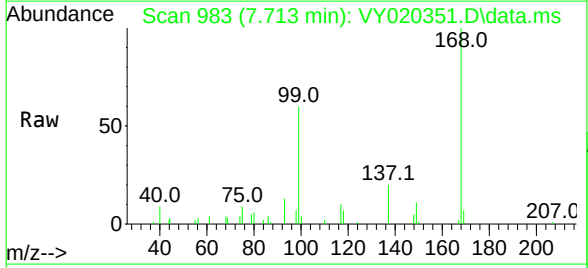




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020351.D
Acq: 20 Nov 2024 11:57

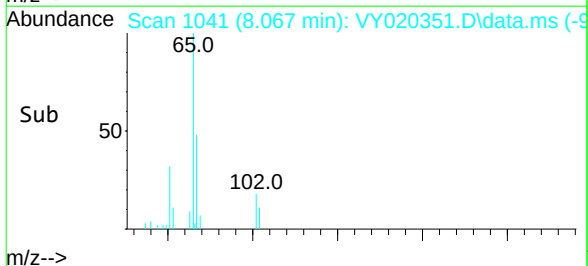
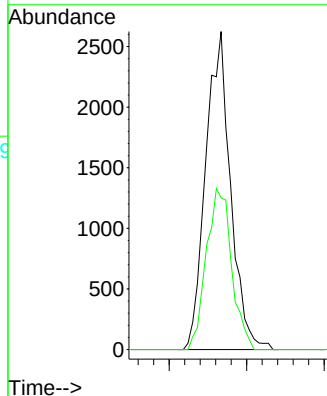
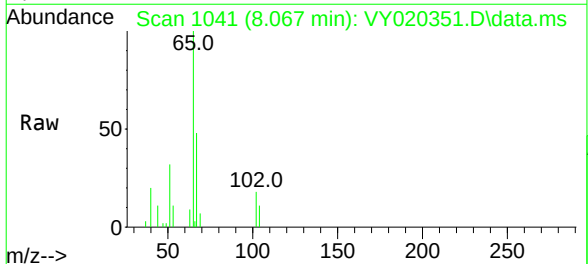
Instrument :
MSVOA_Y
ClientSampleId :
MH-759-VOC

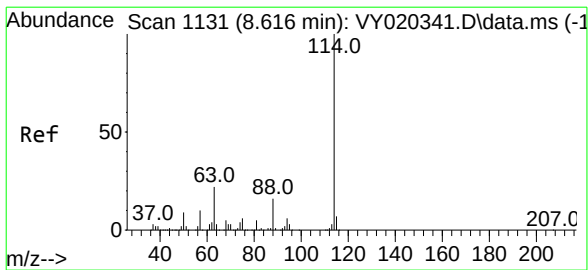
Tgt Ion:168 Resp: 12304
Ion Ratio Lower Upper
168 100
99 60.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 41.405 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020351.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 65 Resp: 5853
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020351.D

Acq: 20 Nov 2024 11:57

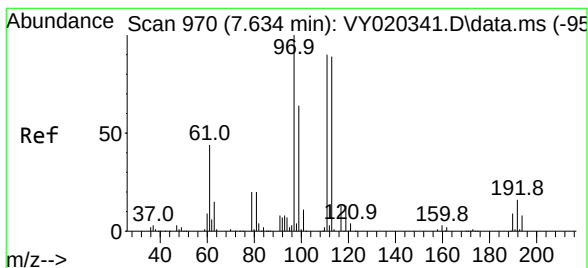
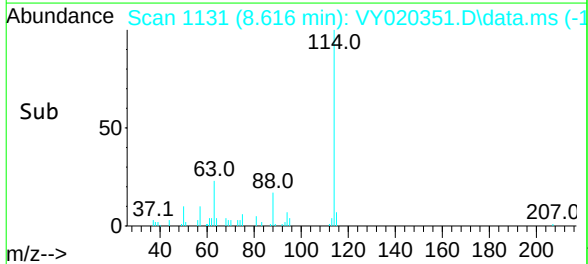
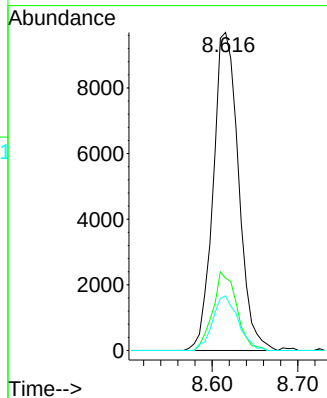
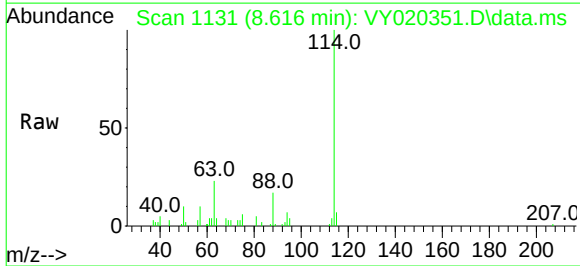
Instrument :

MSVOA_Y

ClientSampleId :

MH-759-VOC

Tgt Ion:	114	Resp:	19915
Ion Ratio	Lower	Upper	
114	100		
63	22.7	0.0	44.8
88	17.2	0.0	32.0



#35

Dibromofluoromethane

Concen: 41.942 ug/l

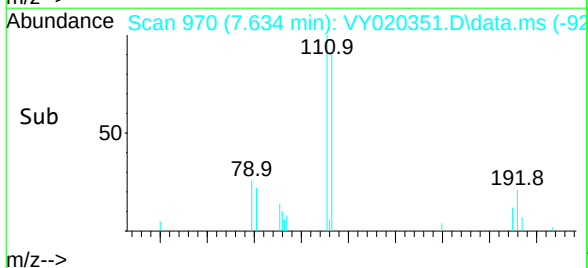
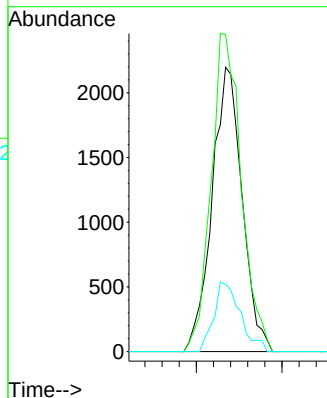
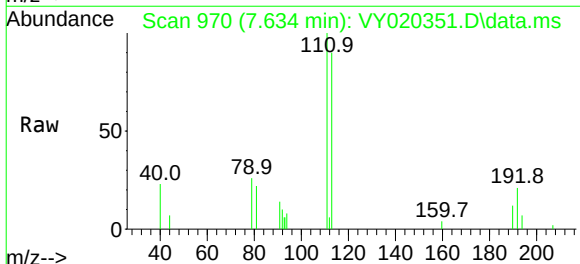
RT: 7.634 min Scan# 970

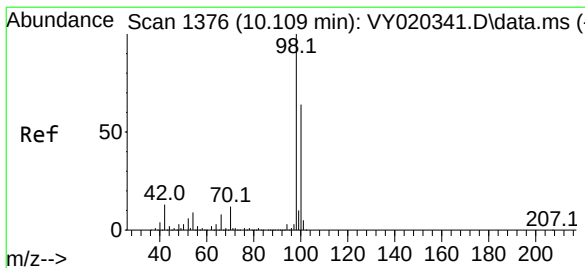
Delta R.T. -0.000 min

Lab File: VY020351.D

Acq: 20 Nov 2024 11:57

Tgt Ion:	113	Resp:	5356
Ion Ratio	Lower	Upper	
113	100		
111	112.4	81.4	122.0
192	21.5	15.1	22.7





#50

Toluene-d8

Concen: 45.334 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020351.D

Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_Y

ClientSampleId :

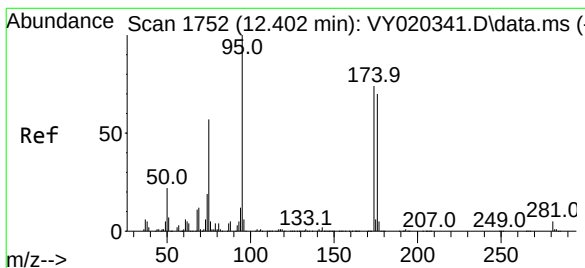
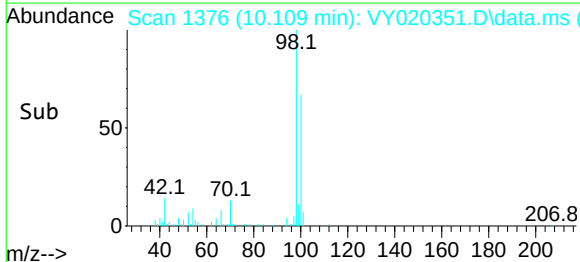
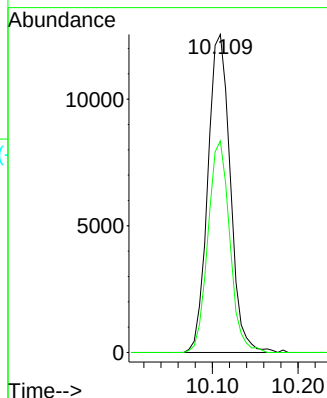
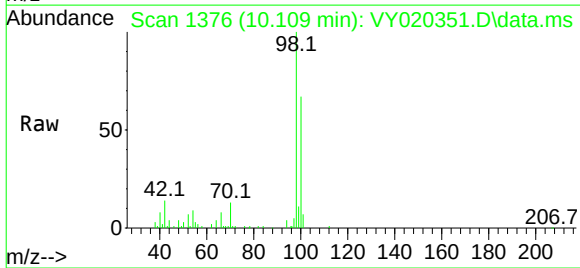
MH-759-VOC

Tgt Ion: 98 Resp: 22805

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 33.374 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VY020351.D

Acq: 20 Nov 2024 11:57

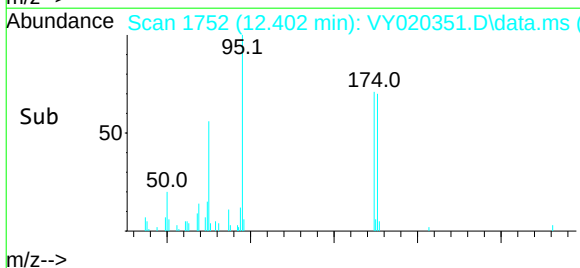
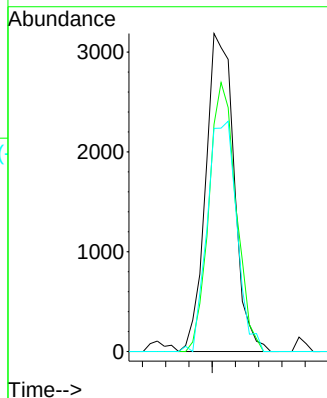
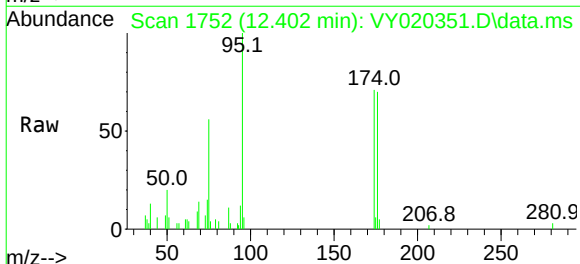
Tgt Ion: 95 Resp: 5397

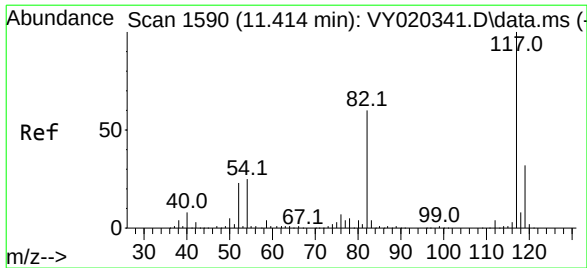
Ion Ratio Lower Upper

95 100

174 81.0 0.0 156.8

176 75.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020351.D

Acq: 20 Nov 2024 11:57

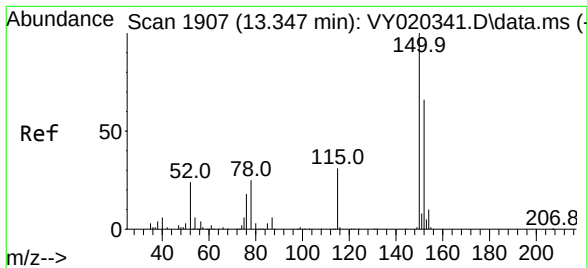
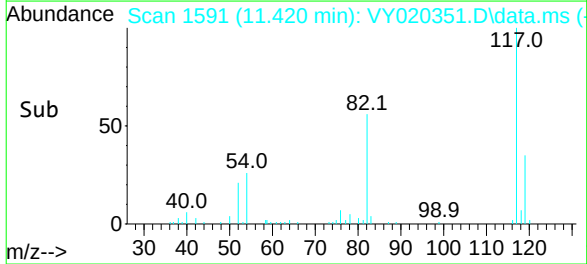
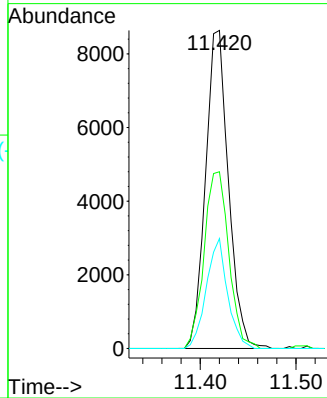
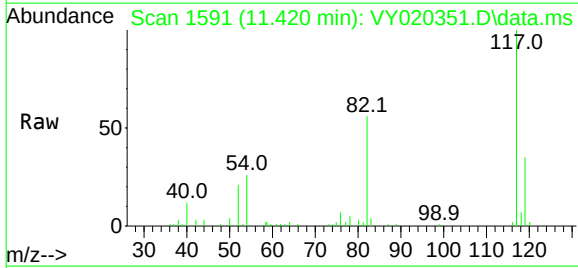
Instrument :

MSVOA_Y

ClientSampleId :

MH-759-VOC

Tgt Ion:	117	Resp:	14361
Ion	Ratio	Lower	Upper
117	100		
82	55.6	48.2	72.4
119	34.6	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020351.D

Acq: 20 Nov 2024 11:57

Tgt Ion:	152	Resp:	3916
Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.0	90.0
150	155.9	0.0	348.2

