

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020366.D
 Acq On : 20 Nov 2024 17:48
 Operator : SY/MD
 Sample : P4887-04
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-739-VOC

Quant Time: Nov 21 00:51:20 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	141591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	254889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	235127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	98250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93831	57.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.360%
35) Dibromofluoromethane	7.634	113	80675	49.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.109	98	307025	47.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.408	95	106037	51.233	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	102.460%

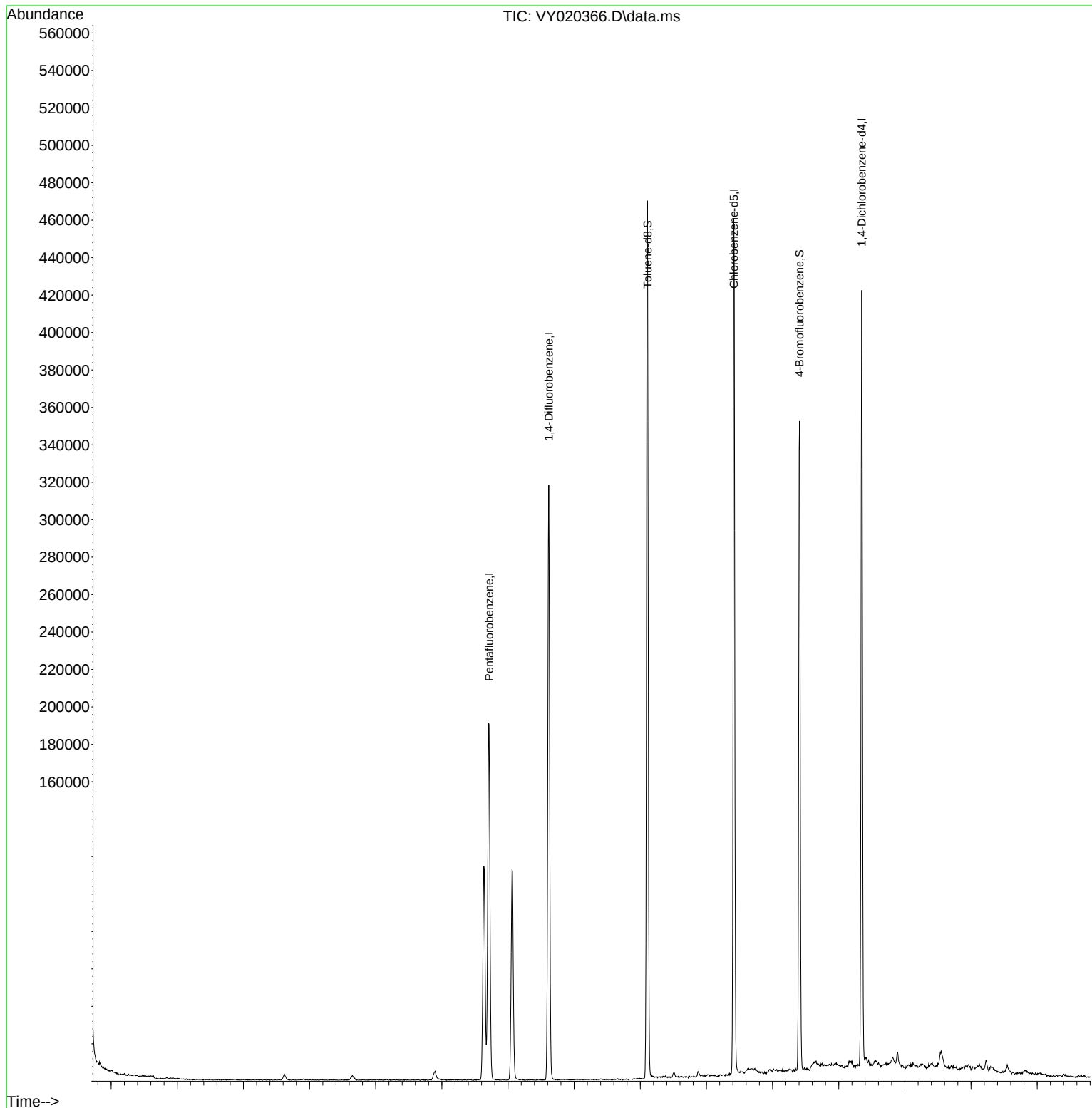
Target Compounds Qvalue

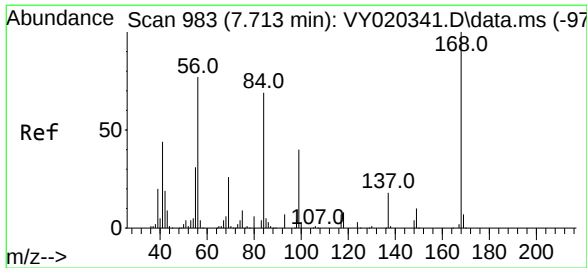
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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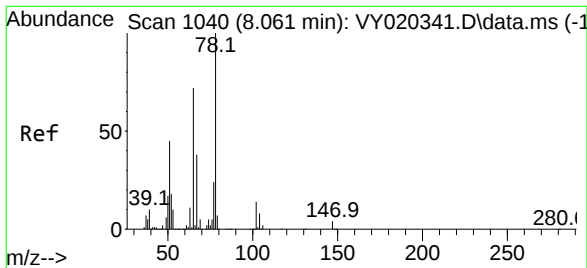
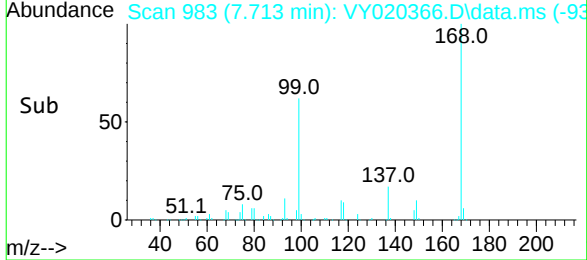
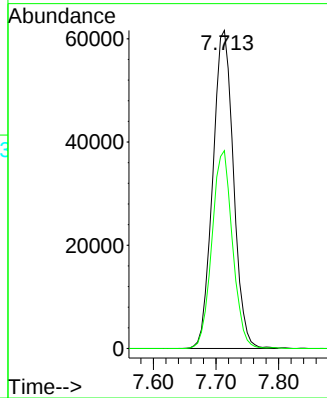
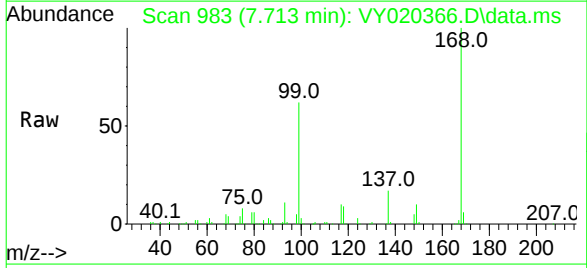




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020366.D
Acq: 20 Nov 2024 17:48

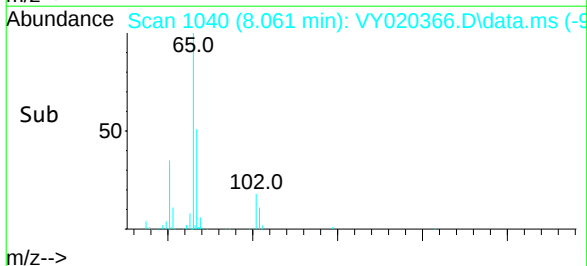
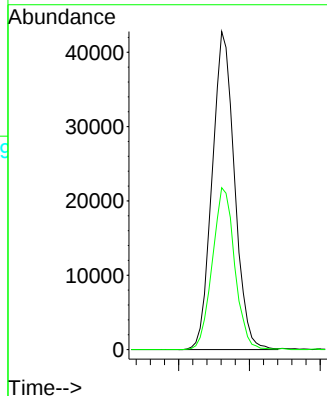
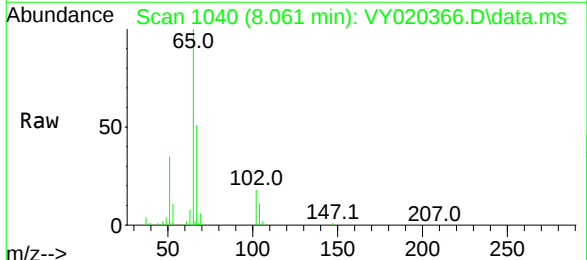
Instrument :
MSVOA_Y
ClientSampleId :
MH-739-VOC

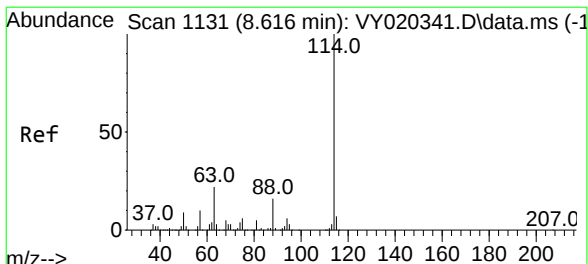
Tgt Ion:168 Resp: 141591
Ion Ratio Lower Upper
168 100
99 62.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 57.681 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020366.D
Acq: 20 Nov 2024 17:48

Tgt Ion: 65 Resp: 93831
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.8

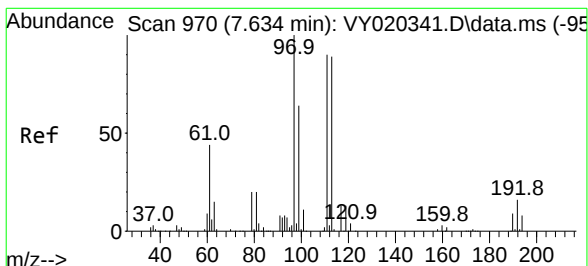
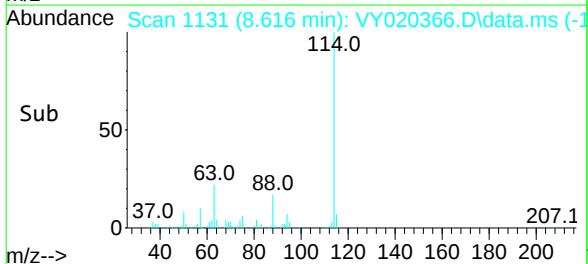
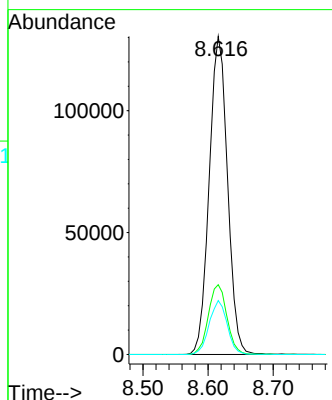
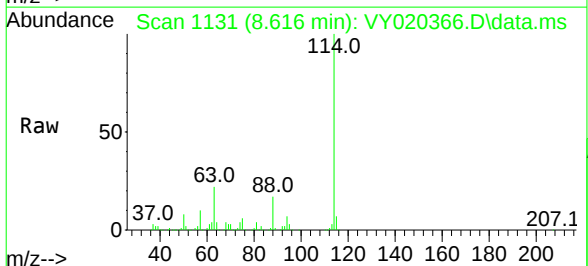




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY020366.D
 Acq: 20 Nov 2024 17:48

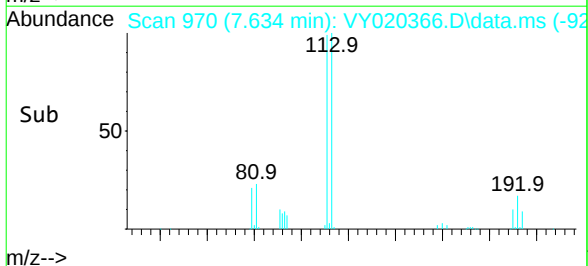
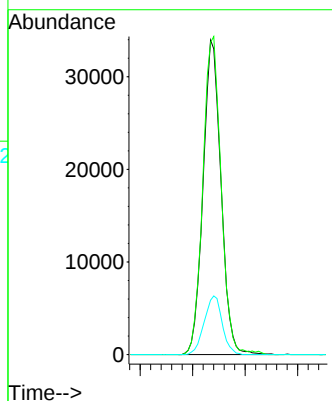
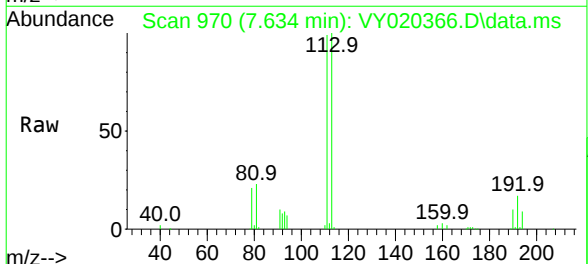
Instrument :
 MSVOA_Y
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 MH-739-VOC

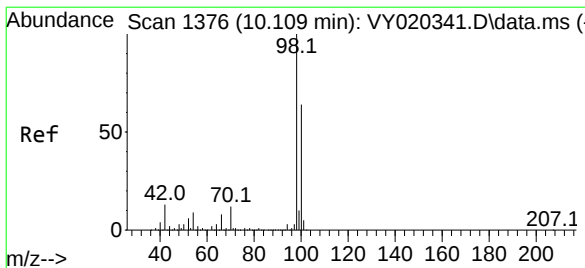
Tgt Ion:	114	Resp:	254889
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.8
88	17.0	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.360 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY020366.D
 Acq: 20 Nov 2024 17:48

Tgt Ion:	113	Resp:	80675
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	18.7	15.1	22.7





#50

Toluene-d8

Concen: 47.687 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020366.D

Acq: 20 Nov 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

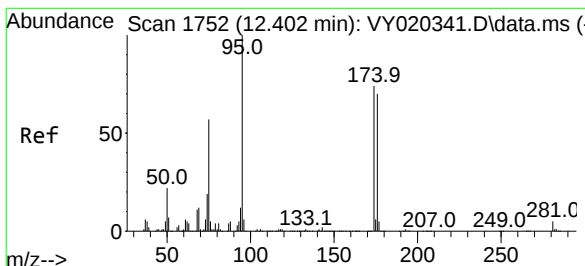
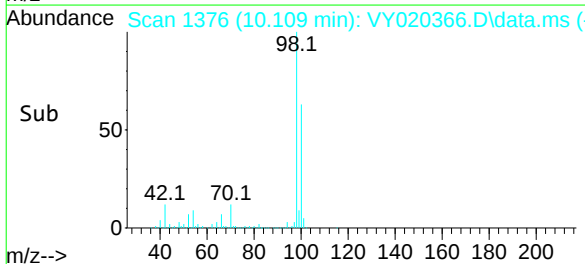
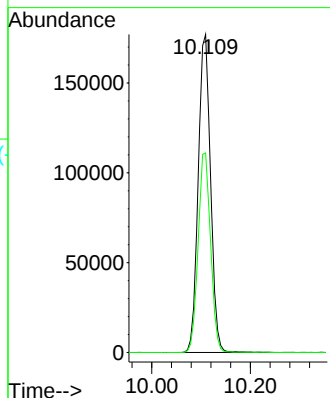
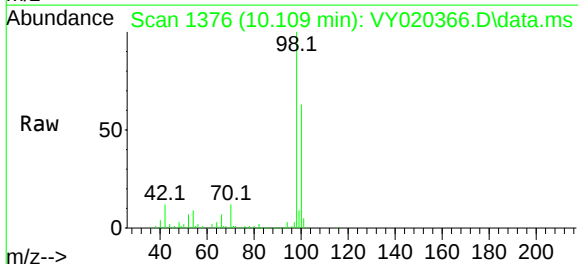
MH-739-VOC

Tgt Ion: 98 Resp: 307025

Ion Ratio Lower Upper

98 100

100 63.4 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 51.233 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020366.D

Acq: 20 Nov 2024 17:48

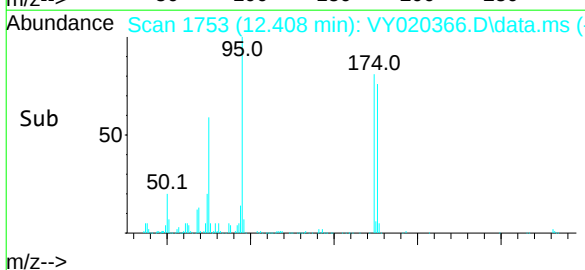
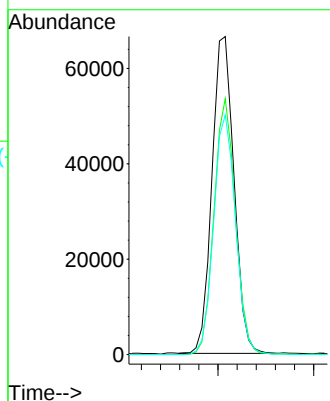
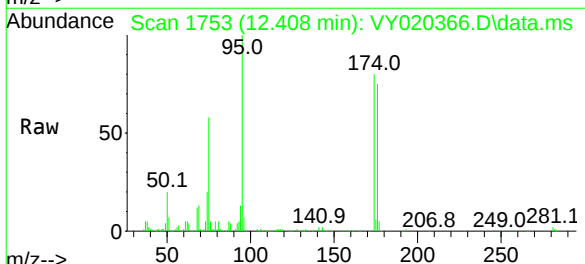
Tgt Ion: 95 Resp: 106037

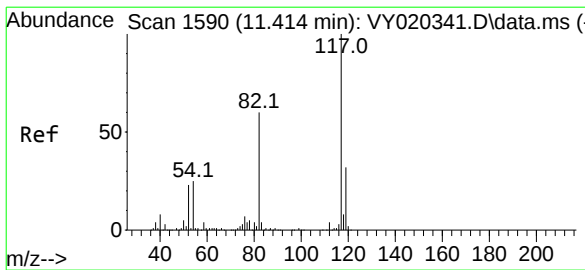
Ion Ratio Lower Upper

95 100

174 78.5 0.0 156.8

176 75.5 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY020366.D

Acq: 20 Nov 2024 17:48

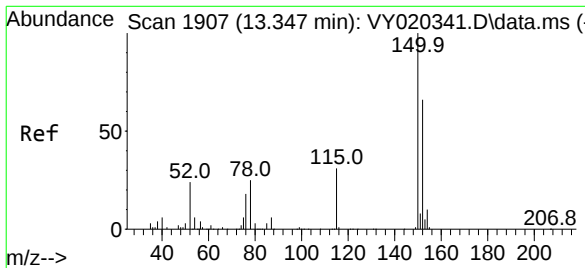
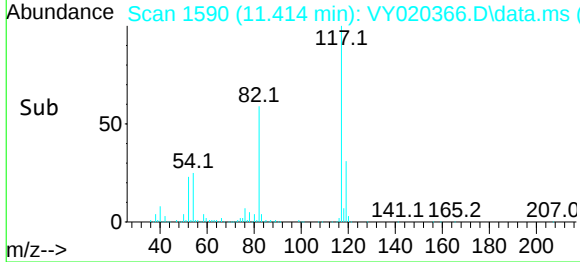
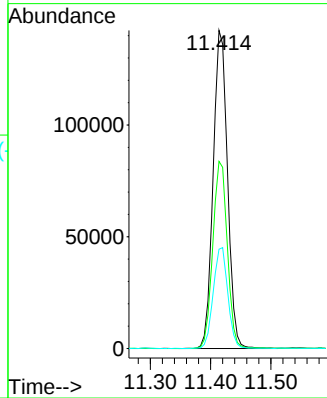
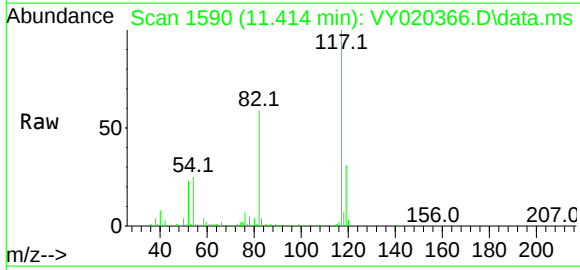
Instrument :

MSVOA_Y

ClientSampleId :

MH-739-VOC

Tgt Ion:	117	Resp:	235127
Ion	Ratio	Lower	Upper
117	100		
82	58.8	48.2	72.4
119	31.2	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020366.D

Acq: 20 Nov 2024 17:48

Tgt Ion:	152	Resp:	98250
Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.0	90.0
150	155.1	0.0	348.2

