

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020391.D
 Acq On : 21 Nov 2024 16:53
 Operator : SY/MD
 Sample : P4925-03
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-741-VOC

Quant Time: Nov 22 02:54:36 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)

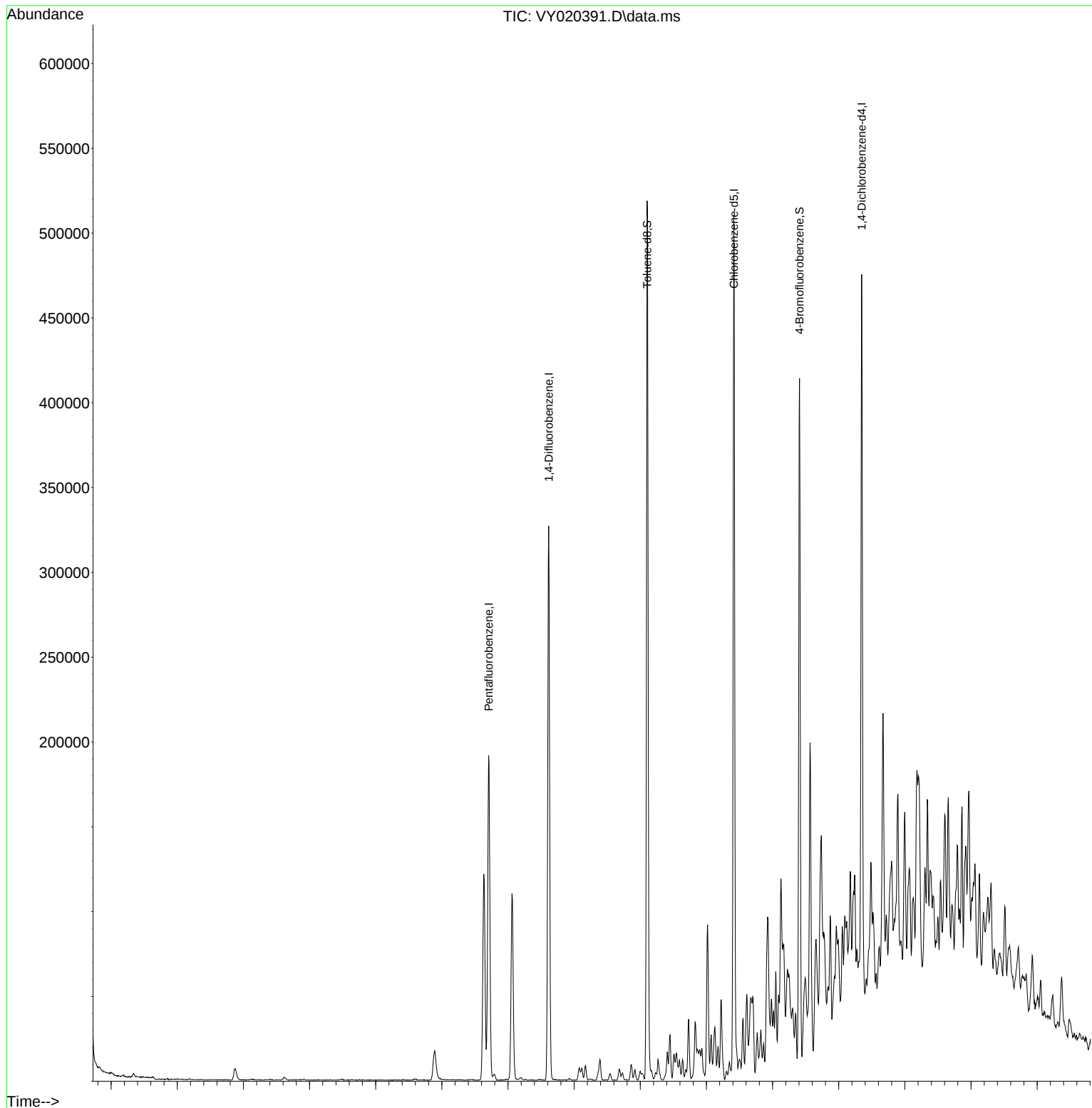
Internal Standards						
1) Pentafluorobenzene	7.707	168	140167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	267278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	256062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	104604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90378	56.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.240%
35) Dibromofluoromethane	7.634	113	84343	49.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.103	98	327616	48.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.408	95	115742	53.330	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	106.660%
Target Compounds						
16) Acetone	3.879	43	13437	34.806	ug/l	90
73) Isopropylbenzene	12.255	105	11561	1.305	ug/l	99
78) n-propylbenzene	12.597	91	16410	1.543	ug/l	100
85) sec-Butylbenzene	13.176	105	23346	2.343	ug/l #	75

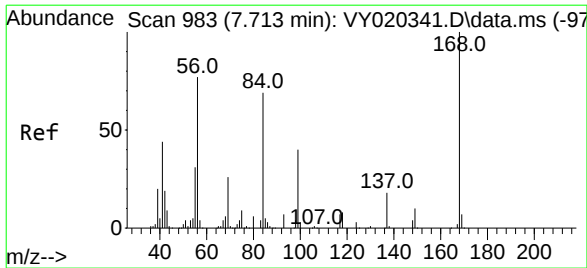
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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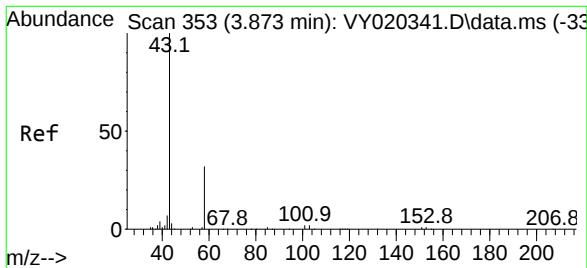
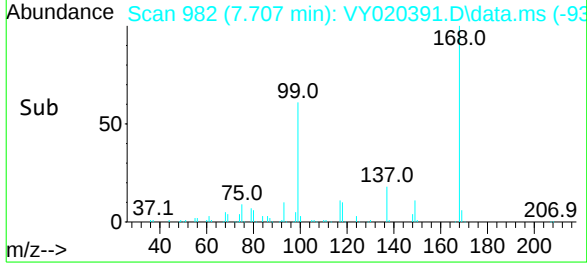
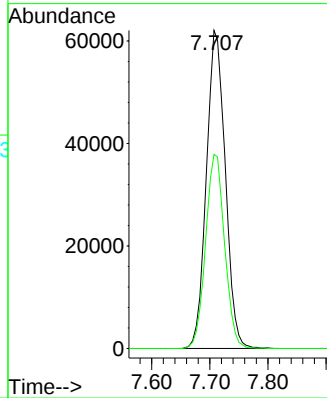
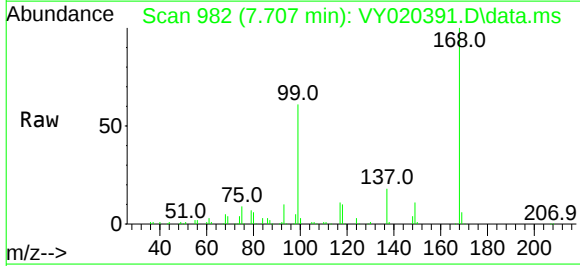




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020391.D
Acq: 21 Nov 2024 16:53

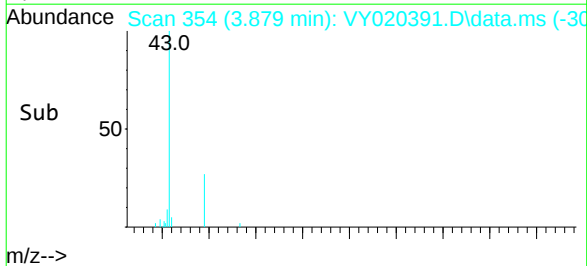
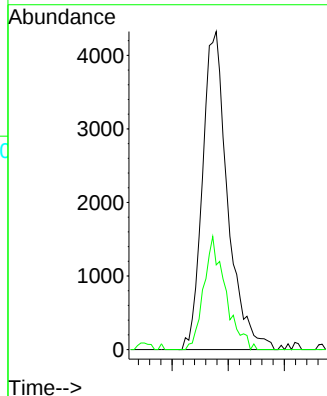
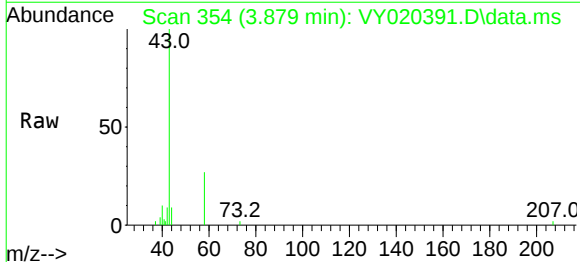
Instrument :
MSVOA_Y
ClientSampleId :
MH-741-VOC

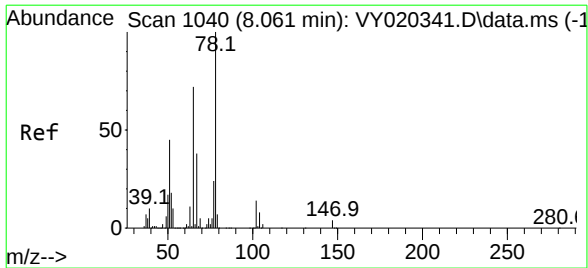
Tgt Ion:168 Resp: 140167
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8



#16
Acetone
Concen: 34.806 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020391.D
Acq: 21 Nov 2024 16:53

Tgt Ion: 43 Resp: 13437
Ion Ratio Lower Upper
43 100
58 26.6 25.7 38.5

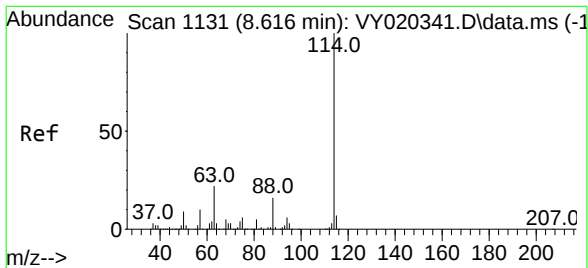
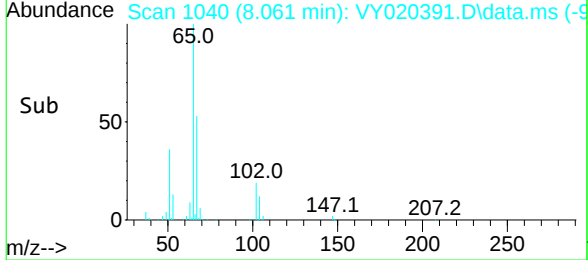
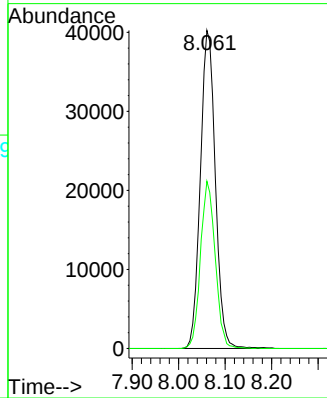
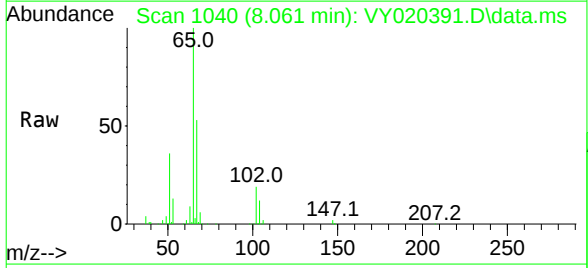




#33
1,2-Dichloroethane-d4
Concen: 56.123 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020391.D
Acq: 21 Nov 2024 16:53

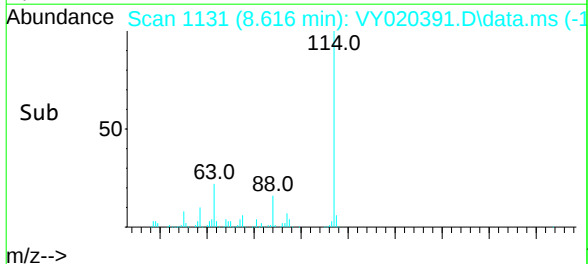
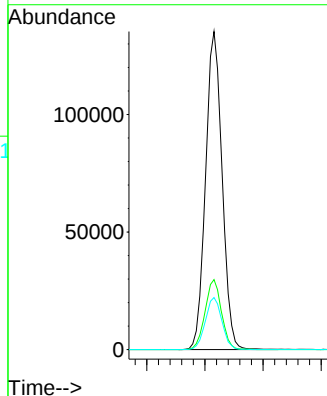
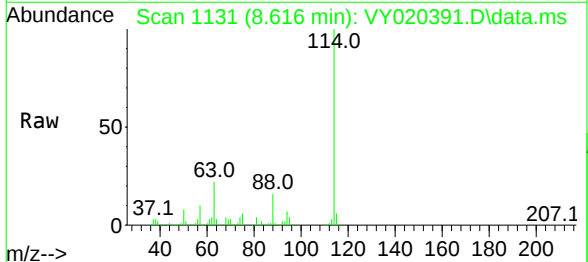
Instrument :
MSVOA_Y
ClientSampleId :
MH-741-VOC

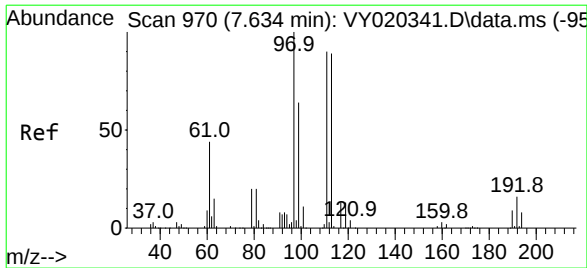
Tgt Ion: 65 Resp: 90378
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020391.D
Acq: 21 Nov 2024 16:53

Tgt Ion: 114 Resp: 267278
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.8
88 16.4 0.0 32.0

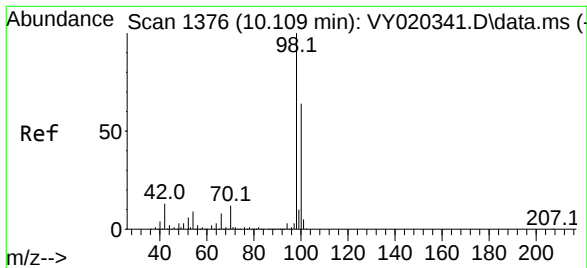
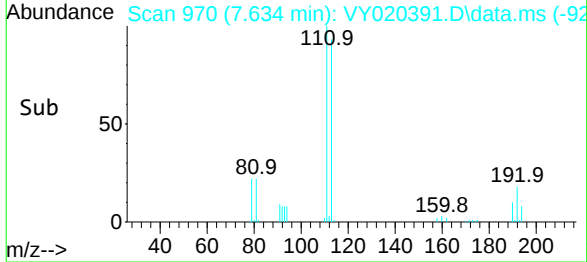
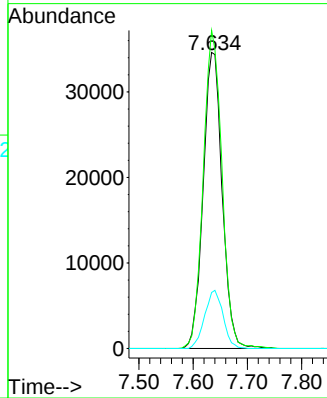
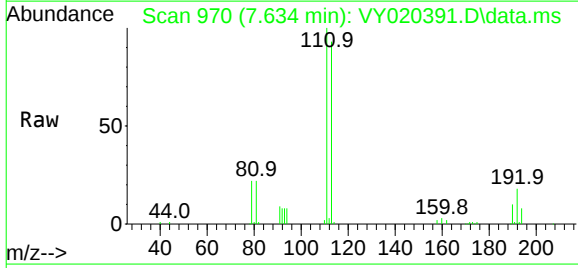




#35
Dibromofluoromethane
Concen: 49.212 ug/l
RT: 7.634 min Scan# 97
Delta R.T. -0.000 min
Lab File: VY020391.D
Acq: 21 Nov 2024 16:53

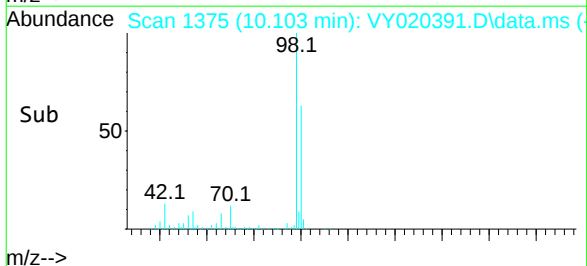
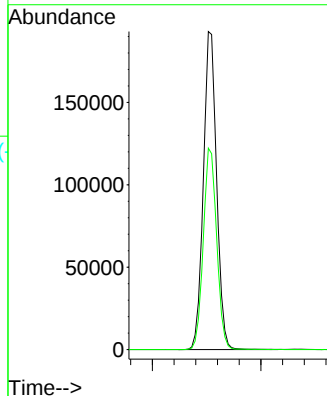
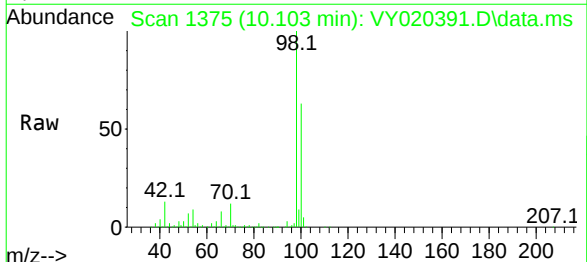
Instrument :
MSVOA_Y
ClientSampleId :
MH-741-VOC

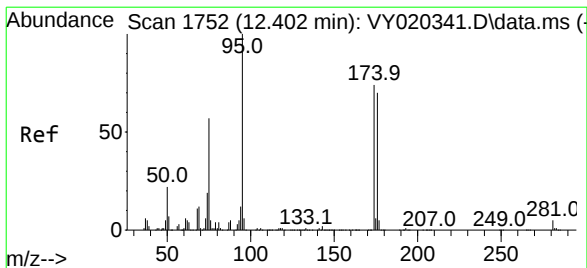
Tgt Ion:113 Resp: 84343
Ion Ratio Lower Upper
113 100
111 105.7 81.4 122.0
192 19.0 15.1 22.7



#50
Toluene-d8
Concen: 48.527 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020391.D
Acq: 21 Nov 2024 16:53

Tgt Ion: 98 Resp: 327616
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 53.330 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VY020391.D

Acq: 21 Nov 2024 16:53

Instrument :

MSVOA_Y

ClientSampleId :

MH-741-VOC

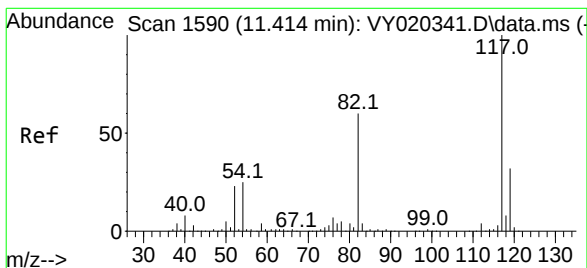
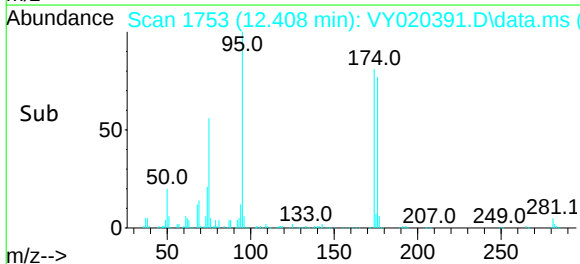
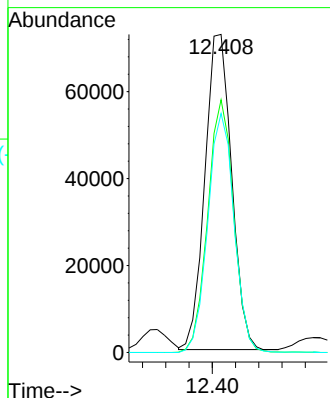
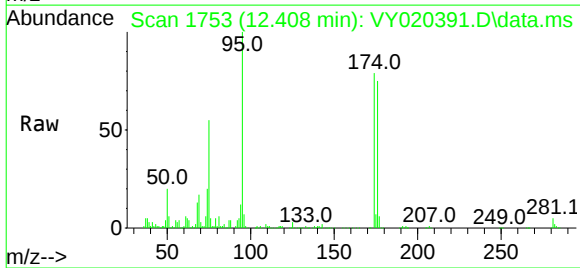
Tgt Ion: 95 Resp: 115742

Ion Ratio Lower Upper

95 100

174 77.9 0.0 156.8

176 74.5 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: VY020391.D

Acq: 21 Nov 2024 16:53

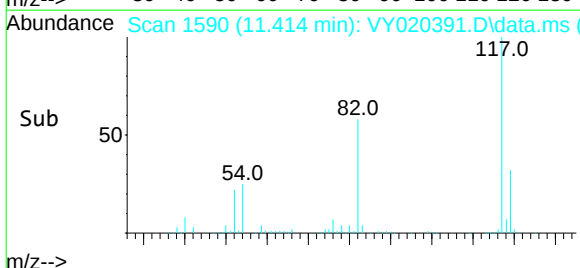
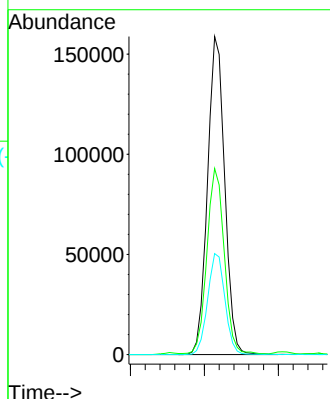
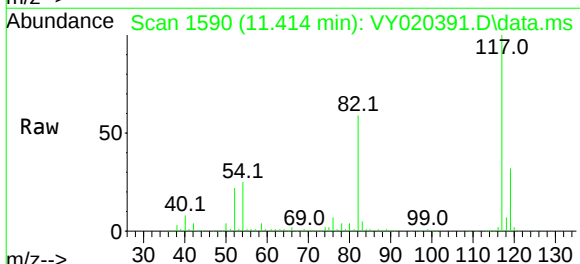
Tgt Ion: 117 Resp: 256062

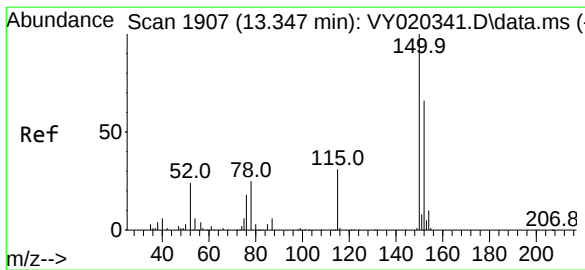
Ion Ratio Lower Upper

117 100

82 58.2 48.2 72.4

119 31.8 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: VY020391.D

Acq: 21 Nov 2024 16:53

Instrument :

MSVOA_Y

ClientSampleId :

MH-741-VOC

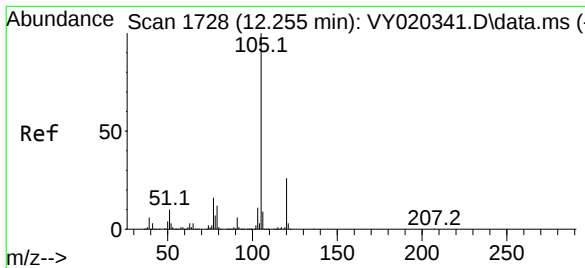
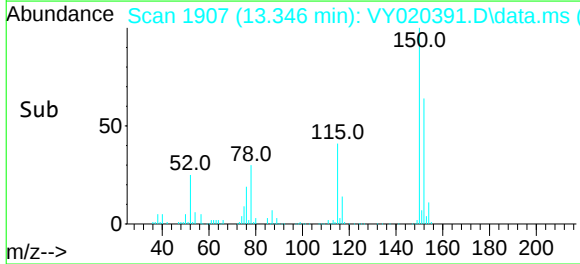
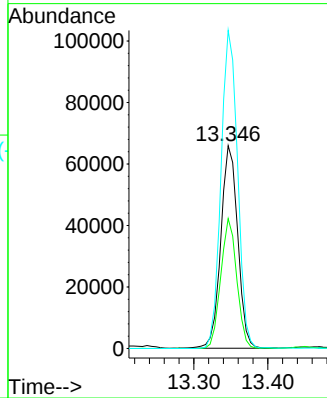
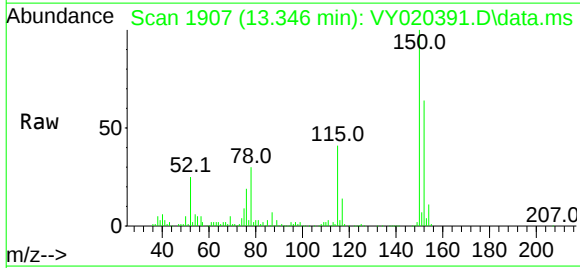
Tgt Ion:152 Resp: 104604

Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

150 154.0 0.0 348.2



#73

Isopropylbenzene

Concen: 1.305 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY020391.D

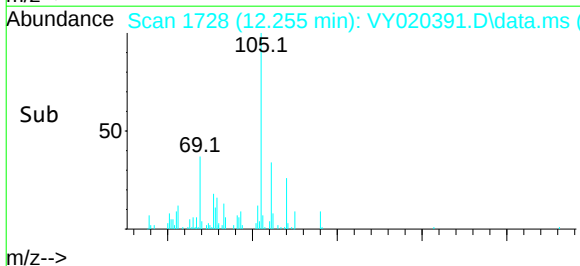
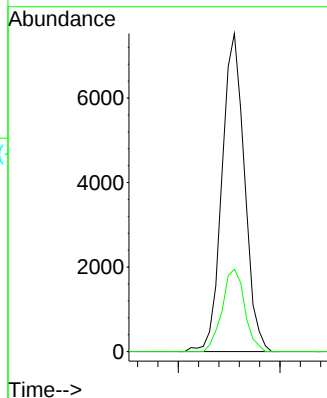
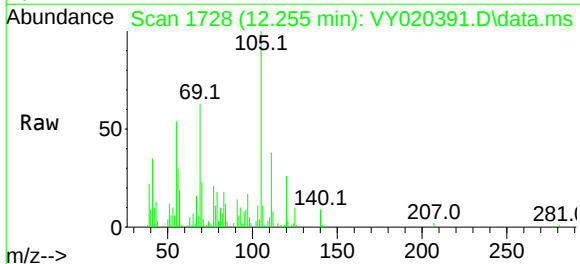
Acq: 21 Nov 2024 16:53

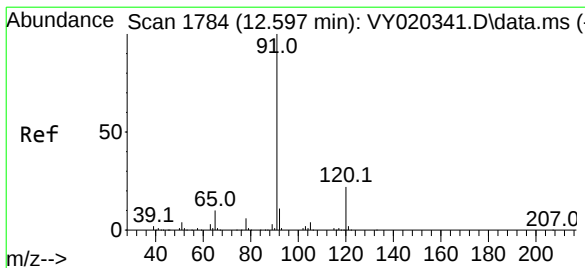
Tgt Ion:105 Resp: 11561

Ion Ratio Lower Upper

105 100

120 25.9 12.7 38.1





#78

n-propylbenzene

Concen: 1.543 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY020391.D

Acq: 21 Nov 2024 16:53

Instrument :

MSVOA_Y

ClientSampleId :

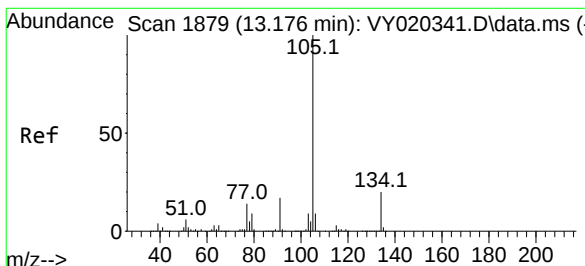
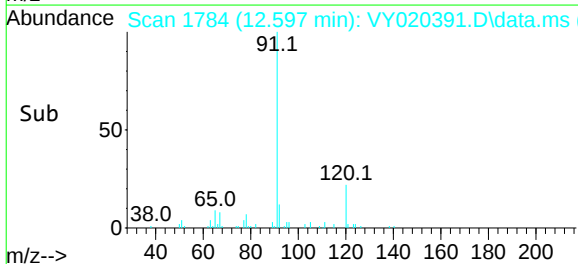
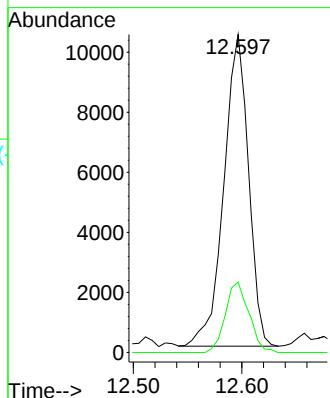
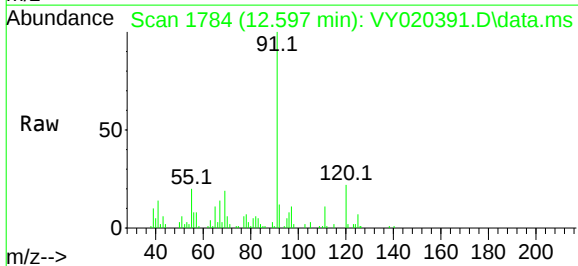
MH-741-VOC

Tgt Ion: 91 Resp: 16410

Ion Ratio Lower Upper

91 100

120 21.5 10.9 32.6



#85

sec-Butylbenzene

Concen: 2.343 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY020391.D

Acq: 21 Nov 2024 16:53

Tgt Ion: 105 Resp: 23346

Ion Ratio Lower Upper

105 100

134 31.3 9.8 29.5#

