

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020254.D
 Acq On : 11 Nov 2024 17:32
 Operator : SY/MD
 Sample : P4798-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-6-VOC

Quant Time: Nov 12 03:14:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

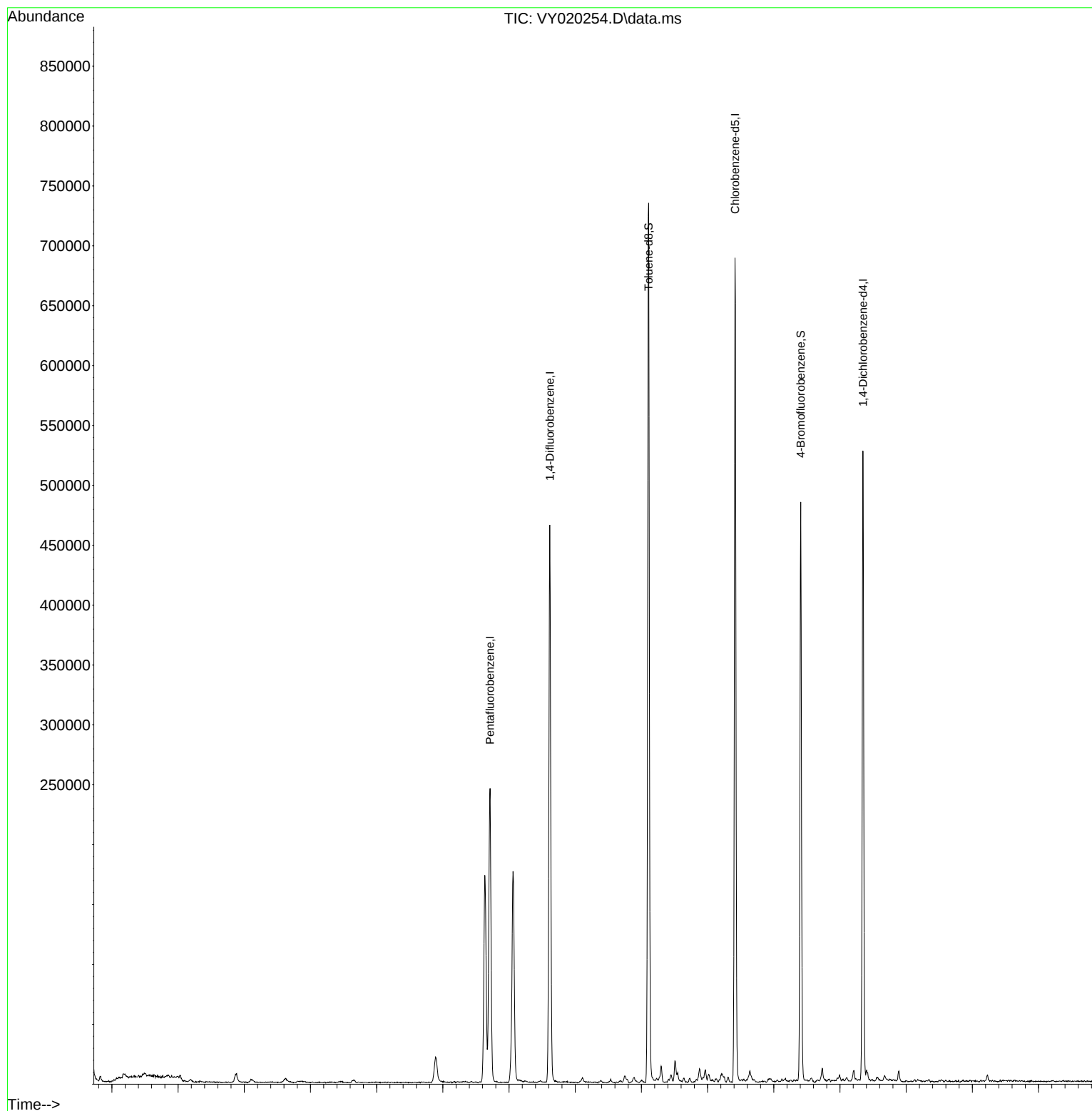
Internal Standards						
1) Pentafluorobenzene	7.713	168	167706	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	355713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	335791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	112524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126984	60.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.340%
35) Dibromofluoromethane	7.634	113	123620	54.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.320%
50) Toluene-d8	10.109	98	453103	50.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.408	95	137284	46.950	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.900%
Target Compounds						
16) Acetone	3.879	43	13488	27.710	ug/l	# Qvalue 80

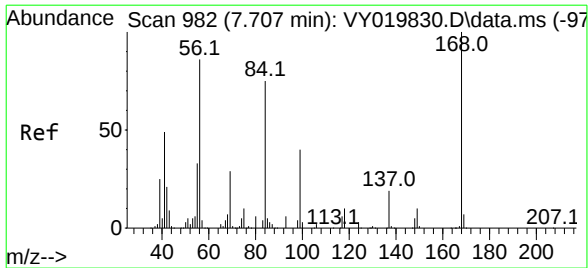
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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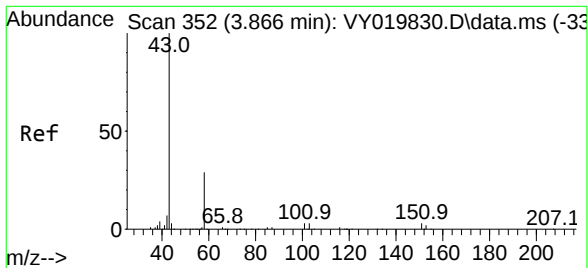
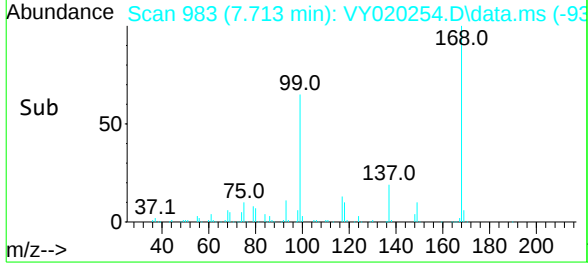
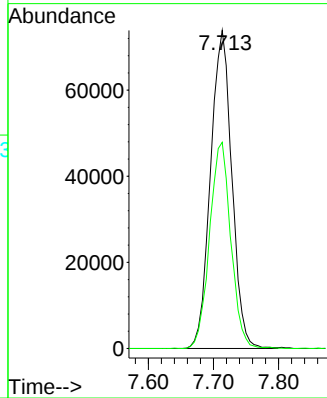
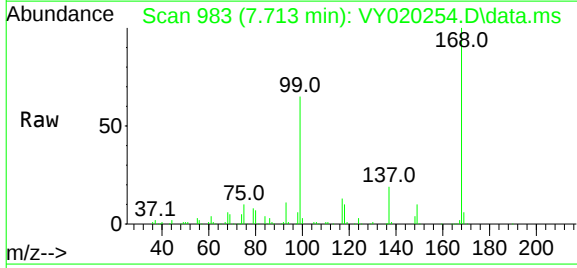




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

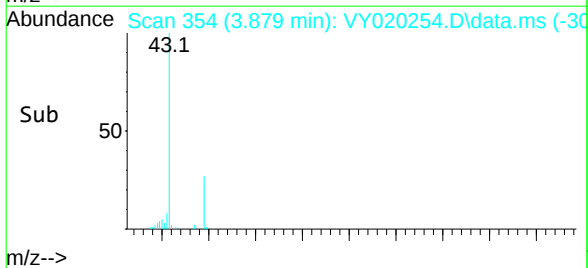
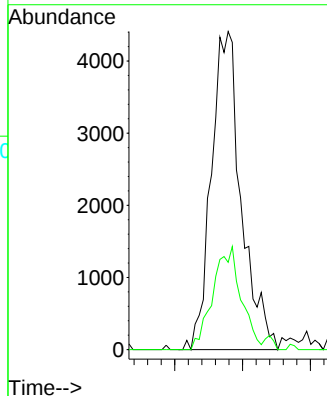
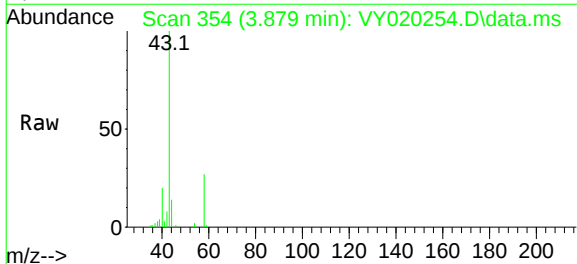
Instrument :
MSVOA_Y
ClientSampleId :
MH-6-VOC

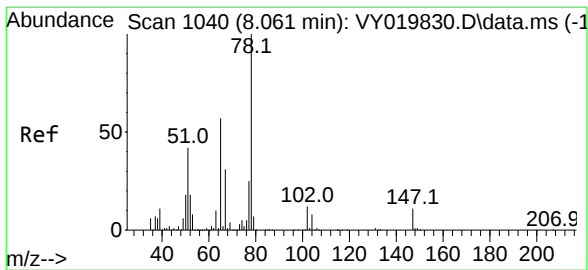
Tgt Ion: 168 Resp: 167706
Ion Ratio Lower Upper
168 100
99 64.8 39.1 58.7#



#16
Acetone
Concen: 27.710 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

Tgt Ion: 43 Resp: 13488
Ion Ratio Lower Upper
43 100
58 27.4 31.7 47.5#

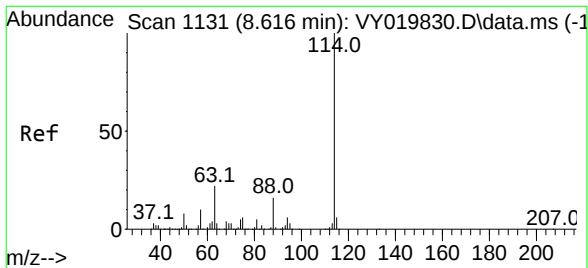
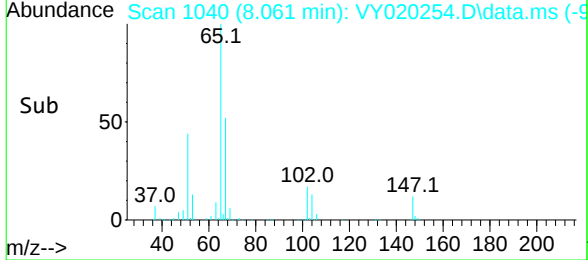
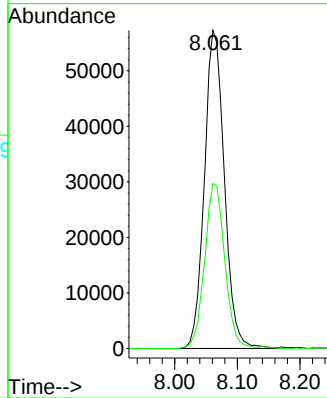
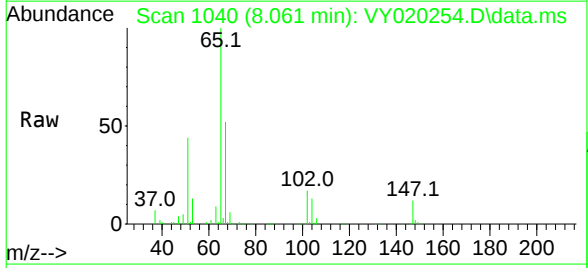




#33
1,2-Dichloroethane-d4
Concen: 60.668 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

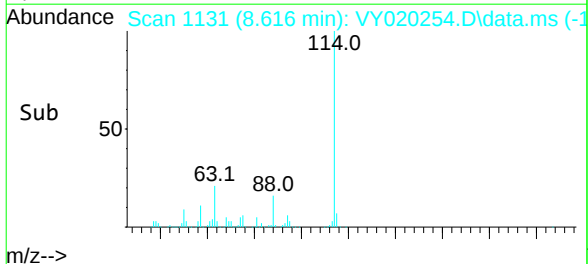
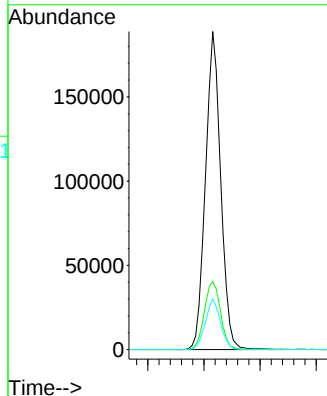
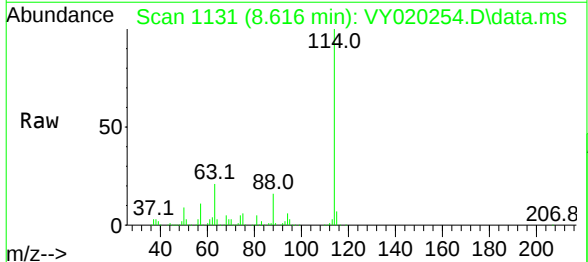
Instrument :
MSVOA_Y
ClientSampleId :
MH-6-VOC

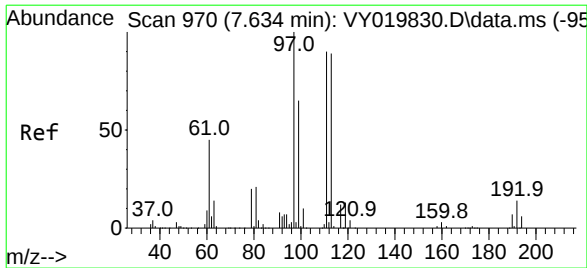
Tgt Ion: 65 Resp: 126984
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

Tgt Ion: 114 Resp: 355713
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 15.9 0.0 27.2

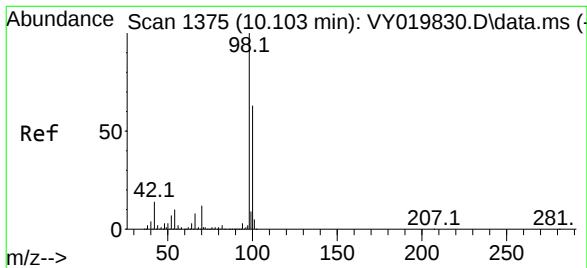
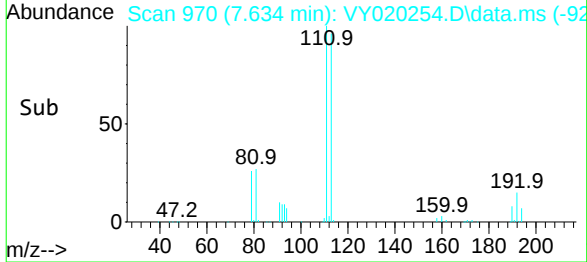
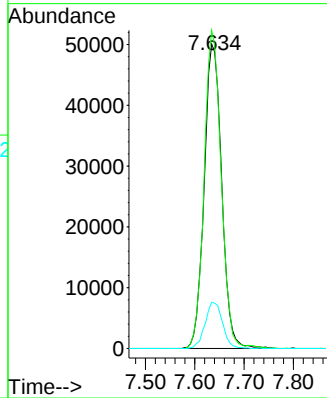
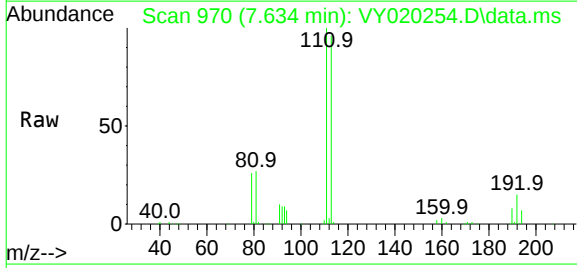




#35
Dibromofluoromethane
Concen: 54.660 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

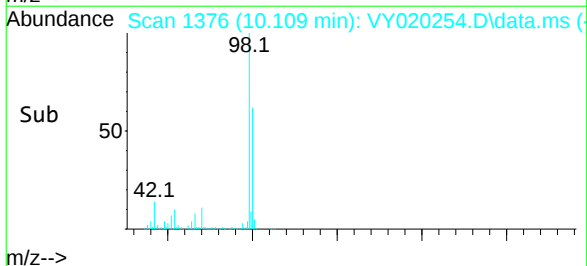
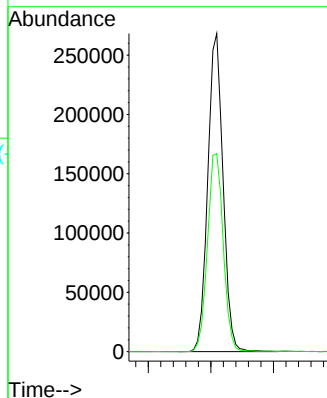
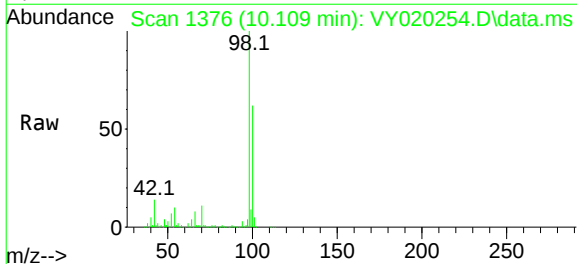
Instrument :
MSVOA_Y
ClientSampleId :
MH-6-VOC

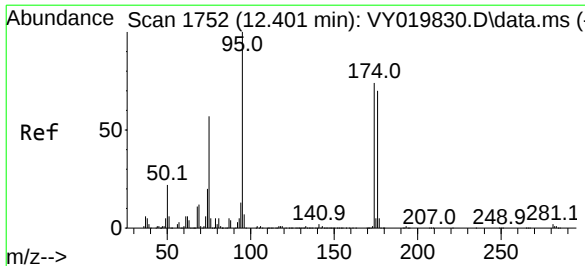
Tgt Ion: 113 Resp: 123620
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 15.2 15.9 23.9#



#50
Toluene-d8
Concen: 50.332 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

Tgt Ion: 98 Resp: 453103
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.950 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020254.D

Acq: 11 Nov 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

MH-6-VOC

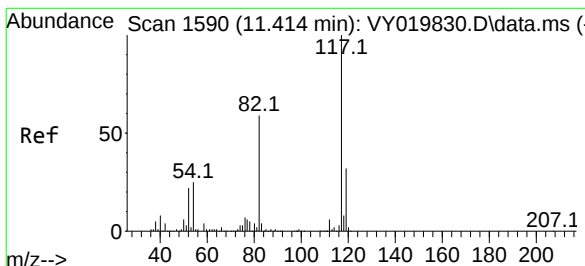
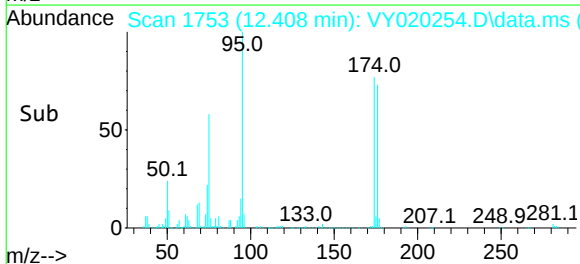
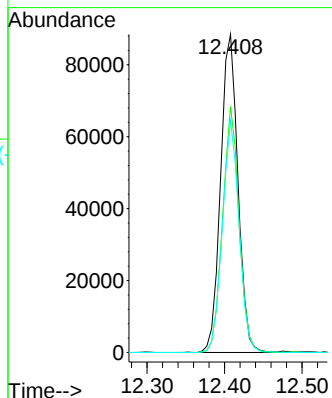
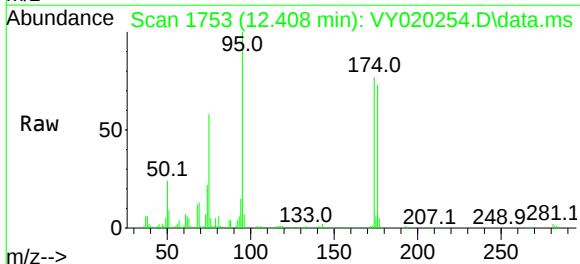
Tgt Ion: 95 Resp: 137284

Ion Ratio Lower Upper

95 100

174 73.6 0.0 175.6

176 70.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020254.D

Acq: 11 Nov 2024 17:32

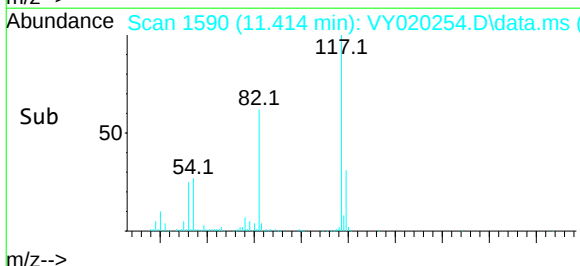
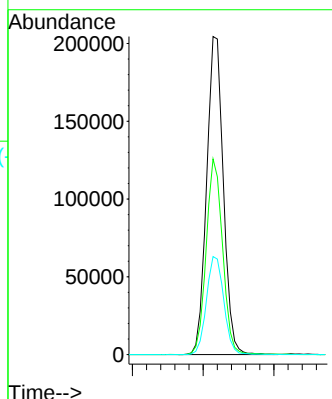
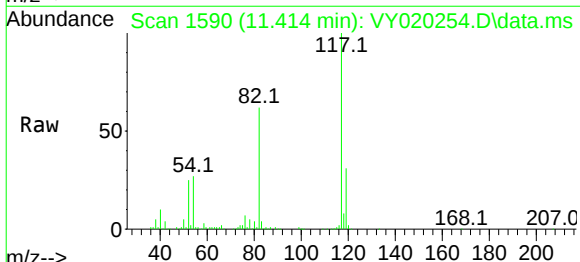
Tgt Ion: 117 Resp: 335791

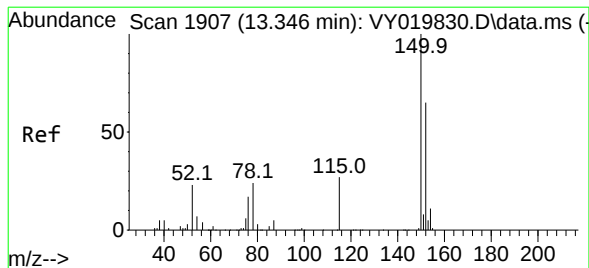
Ion Ratio Lower Upper

117 100

82 61.5 42.4 63.6

119 30.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 19

Delta R.T. 0.000 min

Lab File: VY020254.D

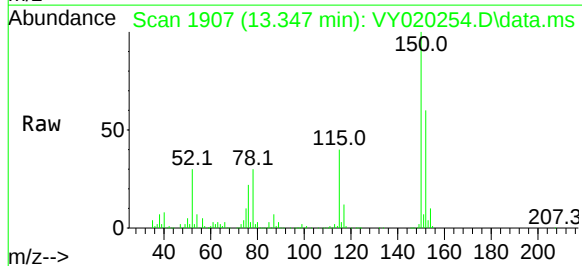
Acq: 11 Nov 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

MH-6-VOC



Tgt Ion:	152	Resp:	112524
Ion	Ratio	Lower	Upper
152	100		
115	64.5	28.2	84.7
150	162.6	0.0	345.6

