

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
 Data File : VY019824.D
 Acq On : 08 Oct 2024 15:45
 Operator : SY/MD
 Sample : P4340-07
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1B-3-VOC

Quant Time: Oct 09 02:09:24 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)

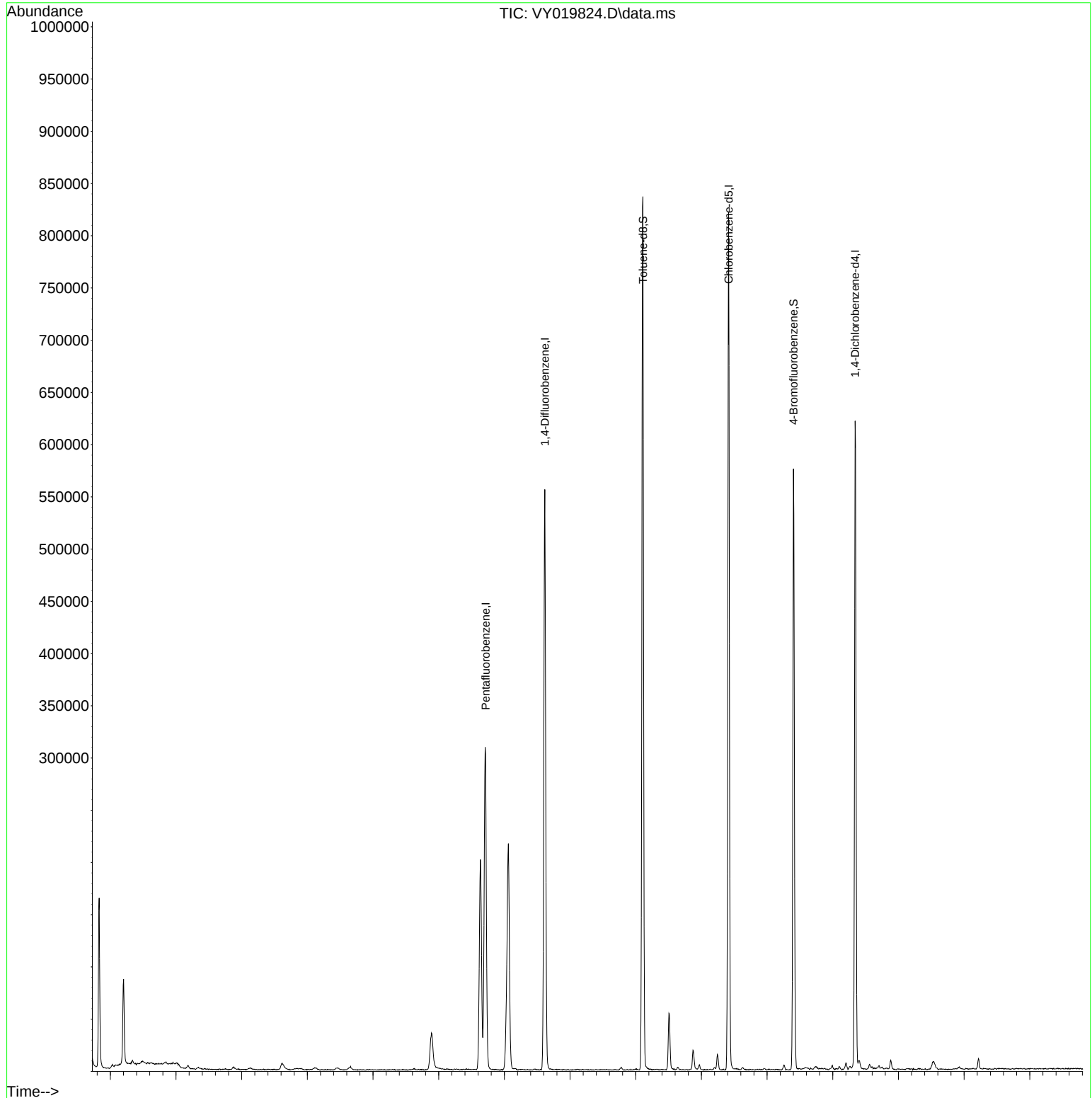
Internal Standards						
1) Pentafluorobenzene	7.713	168	225289	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	450192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	403020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	147479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144539	69.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.580%
35) Dibromofluoromethane	7.634	113	142195	55.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.420%
50) Toluene-d8	10.109	98	539772	57.172	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.340%
62) 4-Bromofluorobenzene	12.402	95	171075	47.126	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.260%
Target Compounds						
16) Acetone	3.879	43	4019	8.087	ug/l	# 67

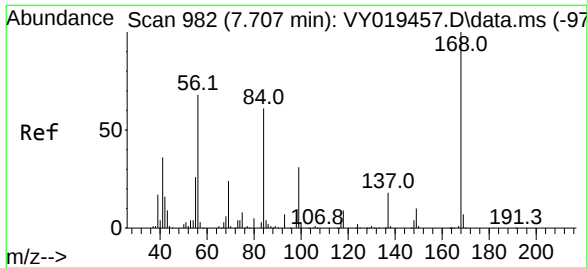
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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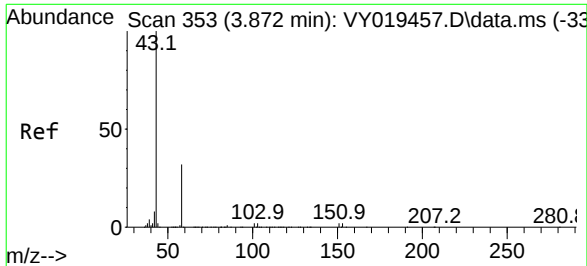
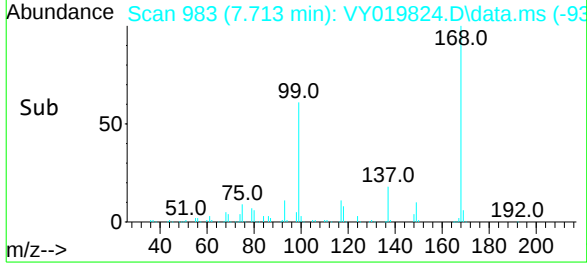
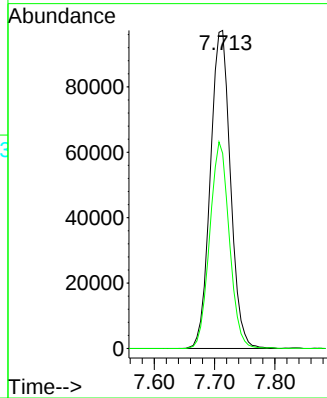
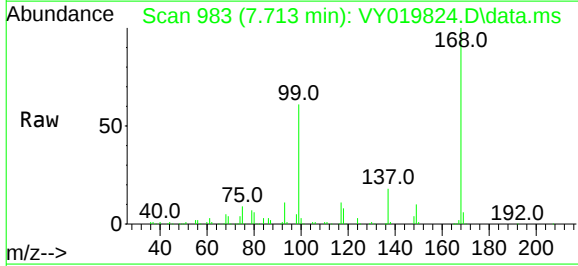




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019824.D
Acq: 08 Oct 2024 15:45

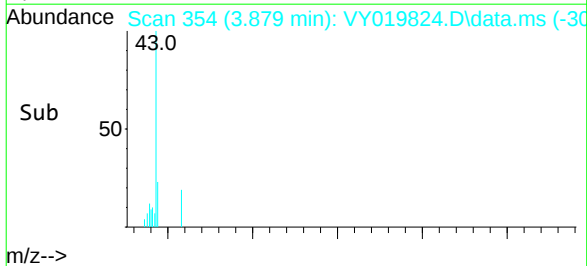
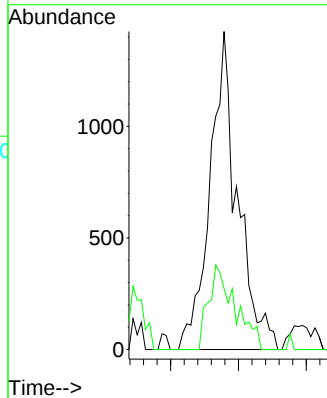
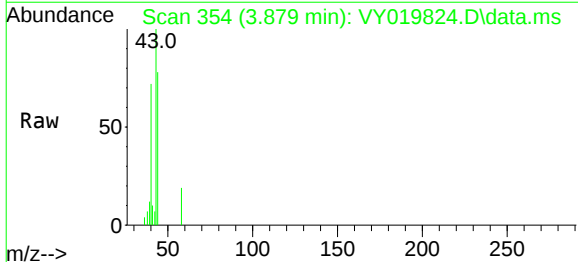
Instrument :
MSVOA_Y
ClientSampleId :
1B-3-VOC

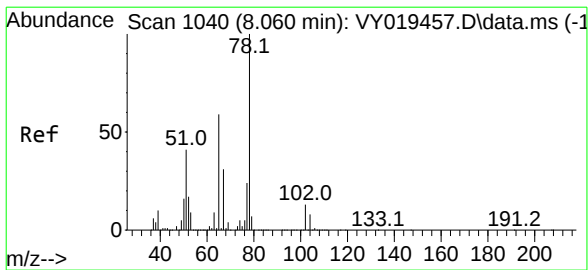
Tgt Ion:168 Resp: 225289
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#16
Acetone
Concen: 8.087 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019824.D
Acq: 08 Oct 2024 15:45

Tgt Ion: 43 Resp: 4019
Ion Ratio Lower Upper
43 100
58 19.2 31.7 47.5#

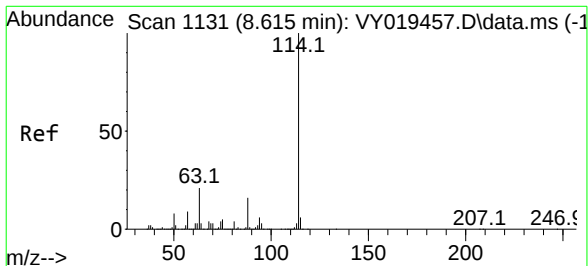
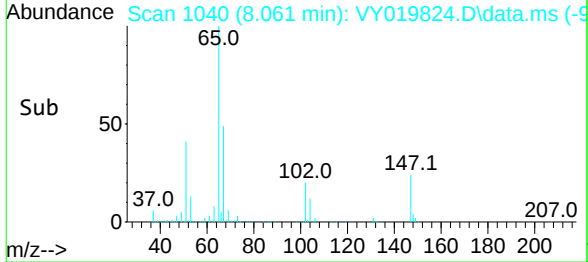
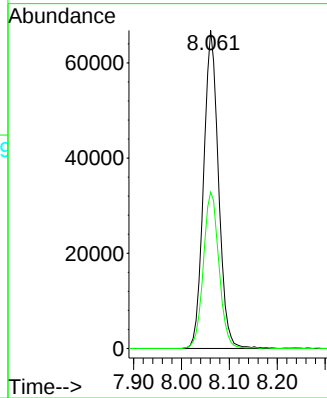
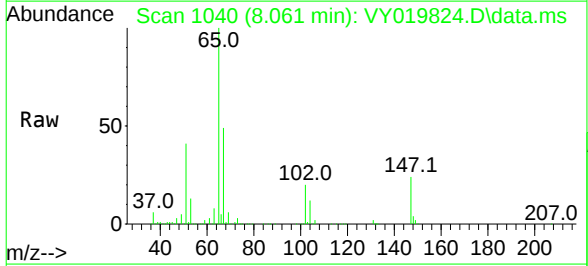




#33
1,2-Dichloroethane-d4
Concen: 69.286 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019824.D
Acq: 08 Oct 2024 15:45

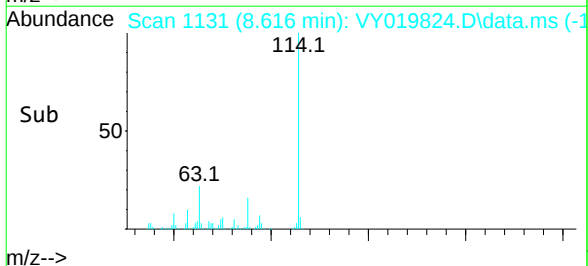
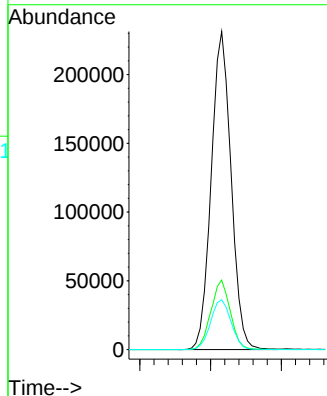
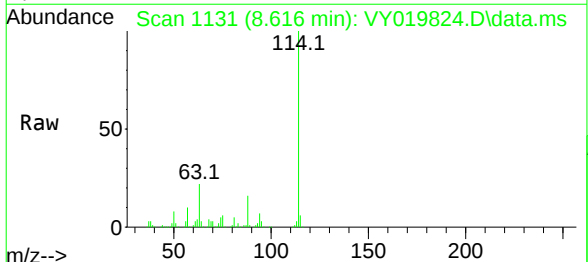
Instrument :
MSVOA_Y
ClientSampleId :
1B-3-VOC

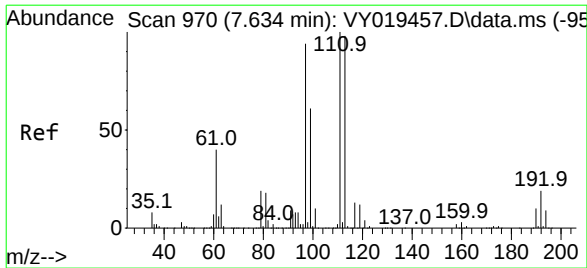
Tgt Ion: 65 Resp: 144539
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019824.D
Acq: 08 Oct 2024 15:45

Tgt Ion: 114 Resp: 450192
Ion Ratio Lower Upper
114 100
63 21.9 0.0 35.0
88 15.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.708 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019824.D

Acq: 08 Oct 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

1B-3-VOC

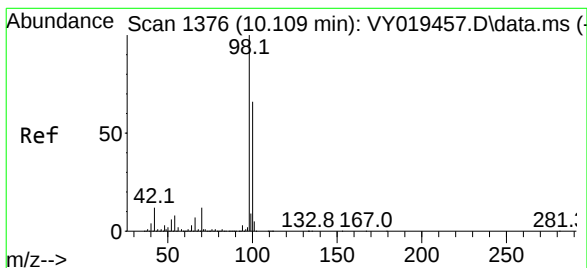
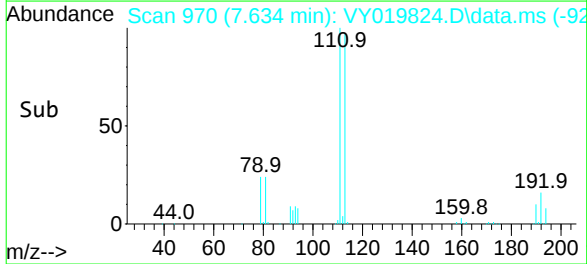
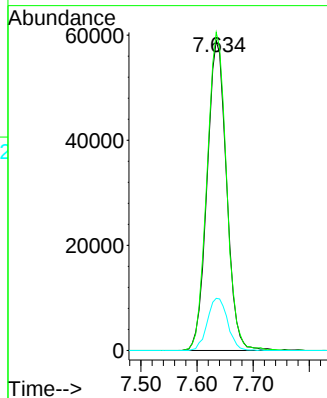
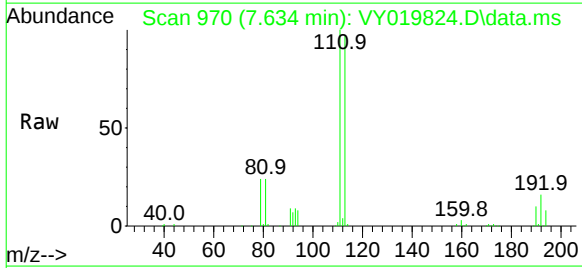
Tgt Ion:113 Resp: 142195

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 17.5 15.9 23.9



#50

Toluene-d8

Concen: 57.172 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019824.D

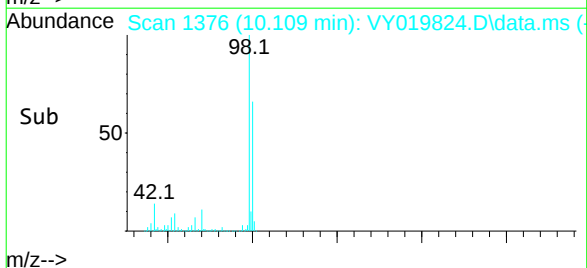
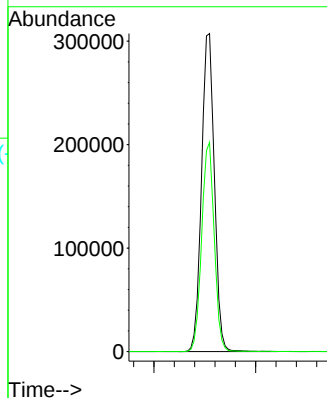
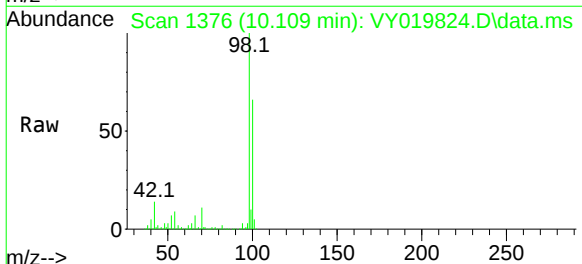
Acq: 08 Oct 2024 15:45

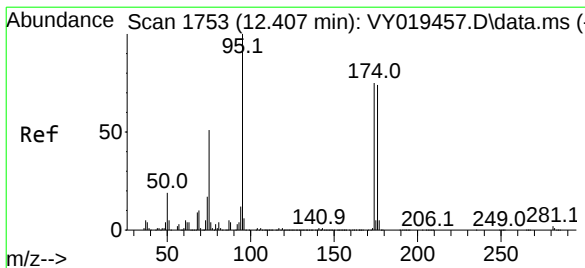
Tgt Ion: 98 Resp: 539772

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.126 ug/l

RT: 12.402 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY019824.D

Acq: 08 Oct 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

1B-3-VOC

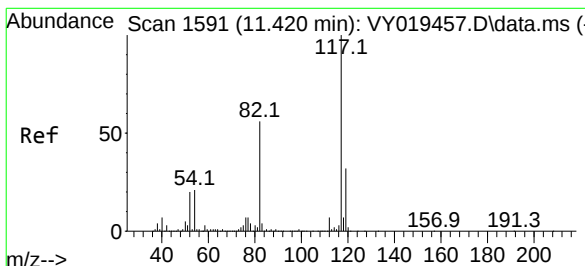
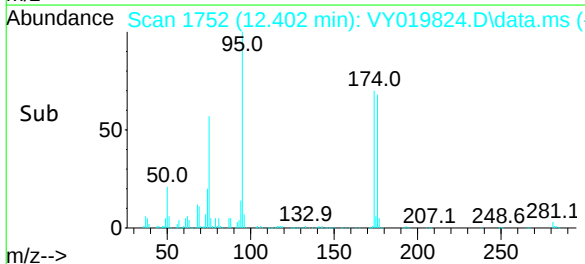
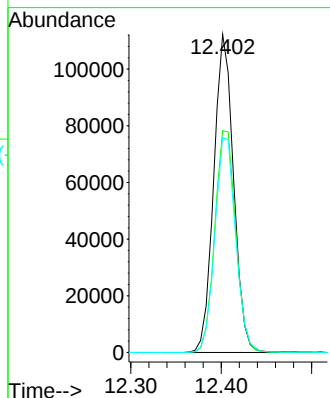
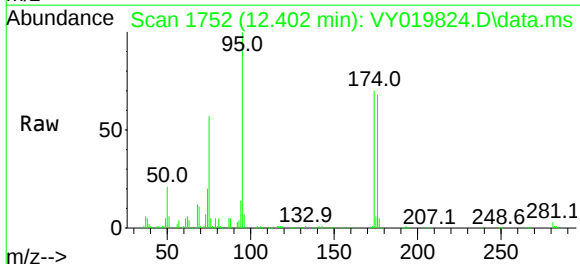
Tgt Ion: 95 Resp: 171075

Ion Ratio Lower Upper

95 100

174 73.9 0.0 175.6

176 71.2 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: VY019824.D

Acq: 08 Oct 2024 15:45

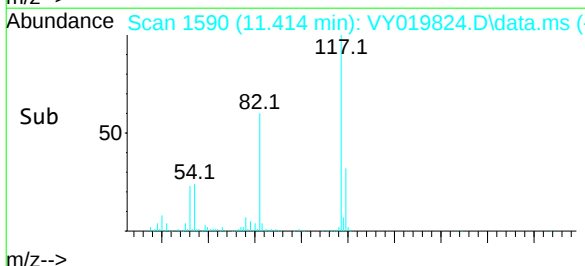
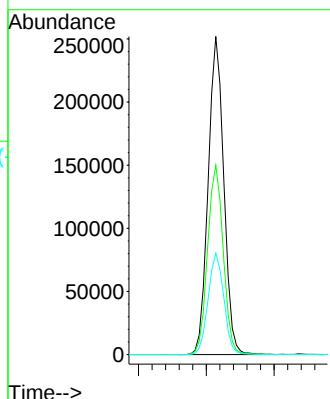
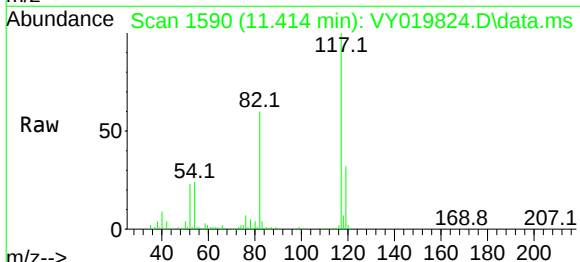
Tgt Ion: 117 Resp: 403020

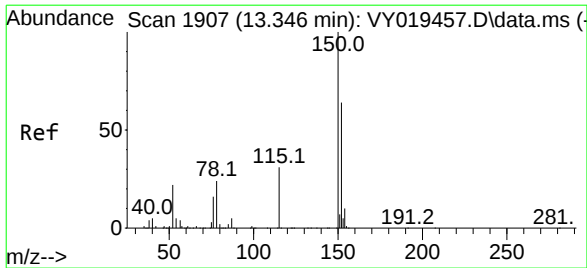
Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

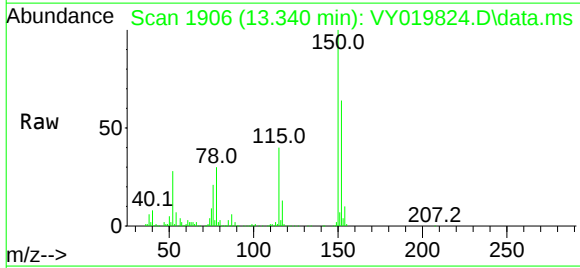
119 31.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY019824.D
 Acq: 08 Oct 2024 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 1B-3-VOC



Tgt Ion:152 Resp: 147479
 Ion Ratio Lower Upper
 152 100
 115 61.9 28.2 84.7
 150 155.9 0.0 345.6

