

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019789.D
 Acq On : 03 Oct 2024 15:41
 Operator : SY/MD
 Sample : P4270-03
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IB-2-VOC

Quant Time: Oct 04 01:29:49 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)

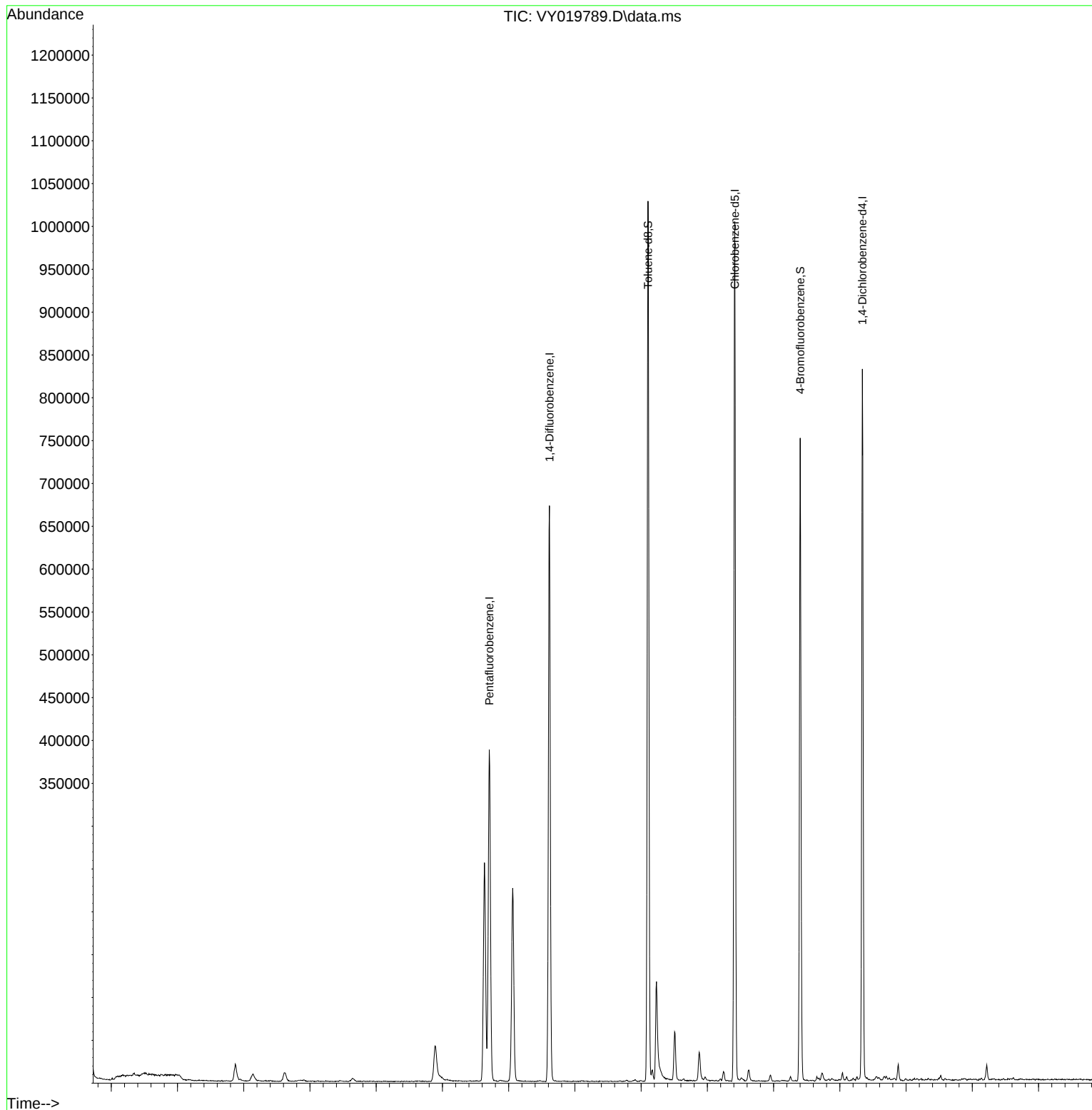
Internal Standards						
1) Pentafluorobenzene	7.707	168	284160	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	553770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	507270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	196890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	175868	66.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.680%
35) Dibromofluoromethane	7.634	113	178831	56.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.920%
50) Toluene-d8	10.103	98	663524	57.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.260%
62) 4-Bromofluorobenzene	12.401	95	223213	49.987	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.980%
Target Compounds						
16) Acetone	3.873	43	34845	55.587	ug/l	Qvalue 90

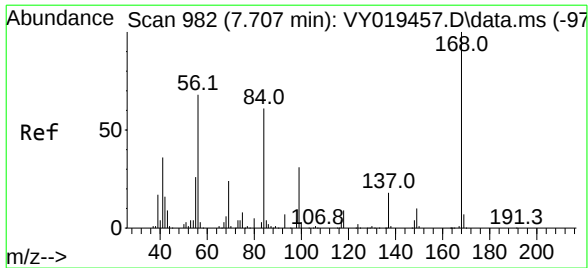
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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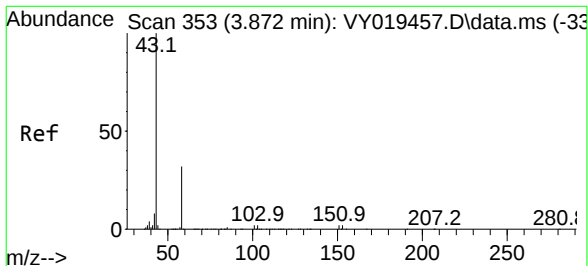
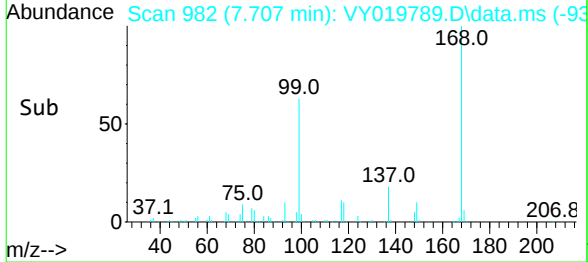
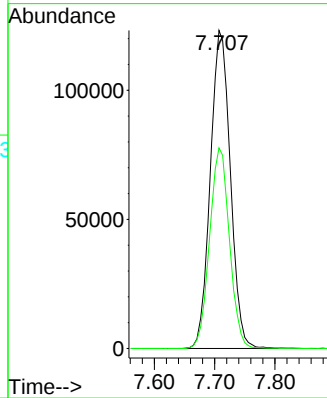
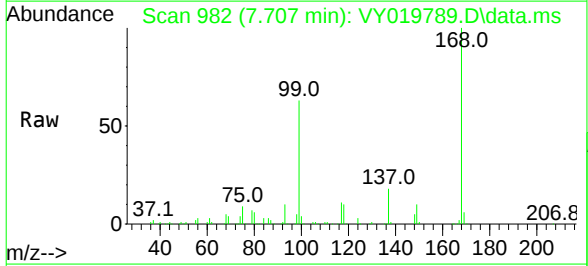




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

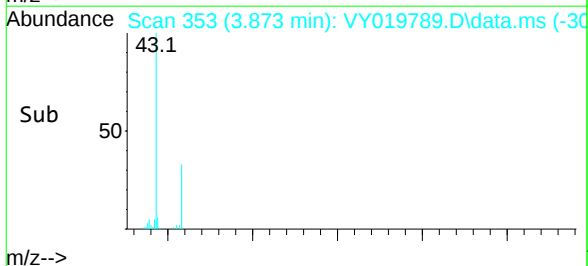
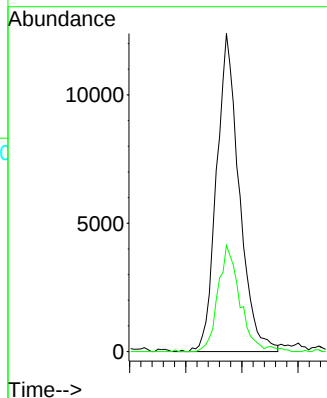
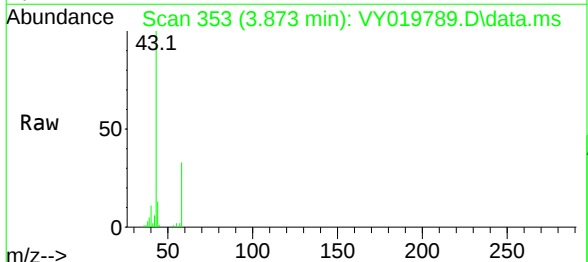
Instrument :
MSVOA_Y
ClientSampleId :
IB-2-VOC

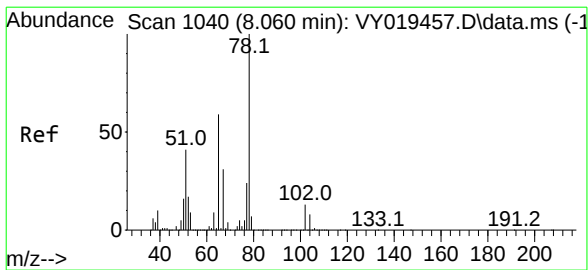
Tgt Ion: 168 Resp: 284160
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7#



#16
Acetone
Concen: 55.587 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

Tgt Ion: 43 Resp: 34845
Ion Ratio Lower Upper
43 100
58 33.4 31.7 47.5

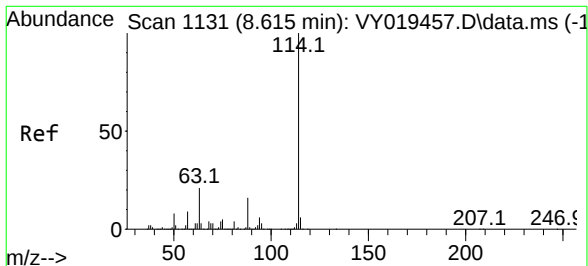
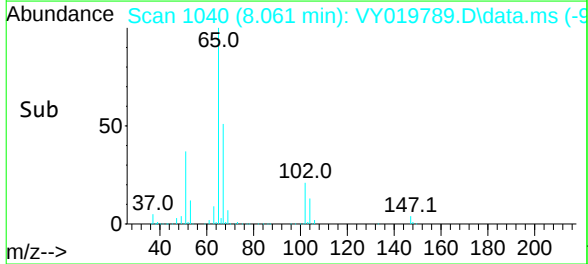
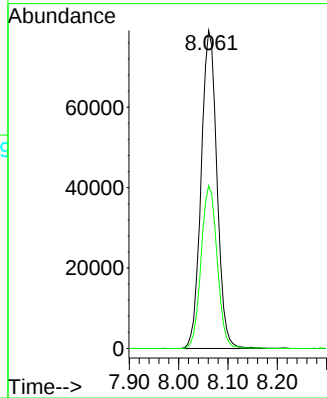
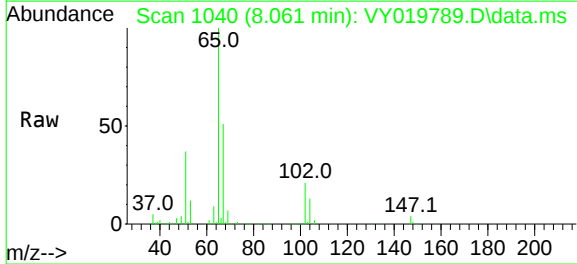




#33
 1,2-Dichloroethane-d4
 Concen: 66.838 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY019789.D
 Acq: 03 Oct 2024 15:41

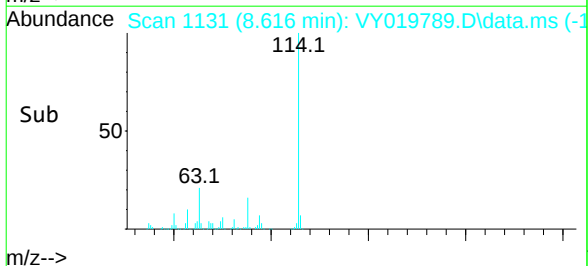
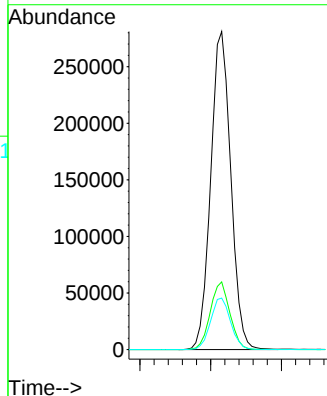
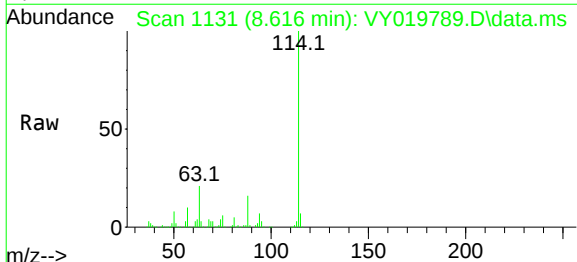
Instrument :
 MSVOA_Y
 ClientSampleId :
 IB-2-VOC

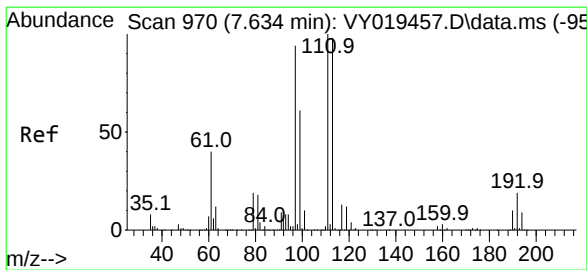
Tgt Ion: 65 Resp: 175868
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019789.D
 Acq: 03 Oct 2024 15:41

Tgt Ion: 114 Resp: 553770
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 35.0
 88 16.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 56.957 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019789.D

Acq: 03 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

IB-2-VOC

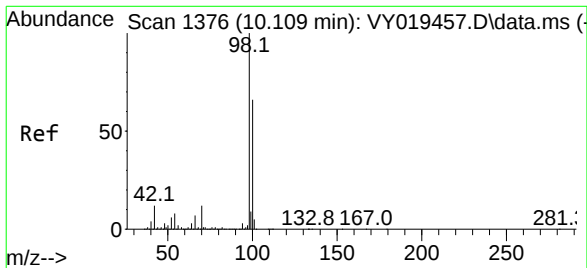
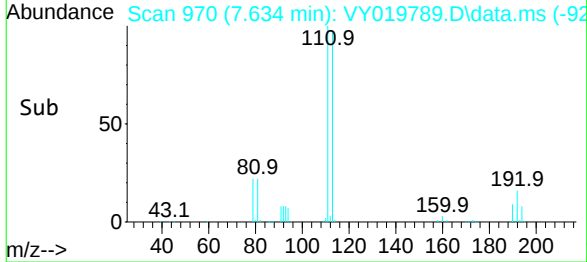
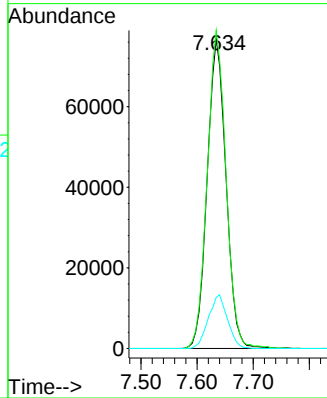
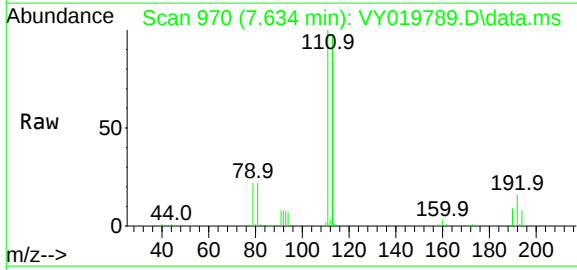
Tgt Ion:113 Resp: 178831

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 17.6 15.9 23.9



#50

Toluene-d8

Concen: 57.135 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019789.D

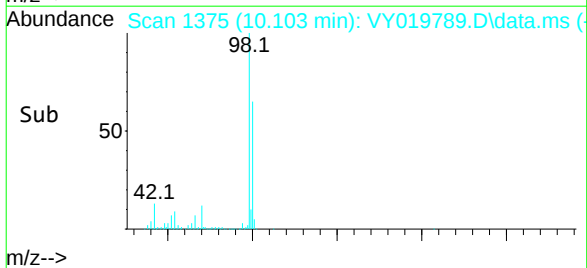
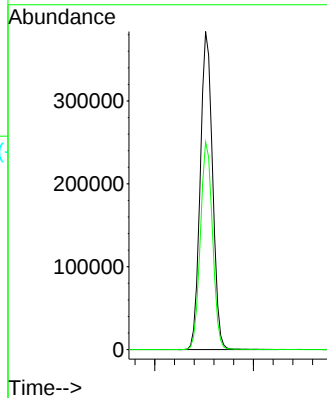
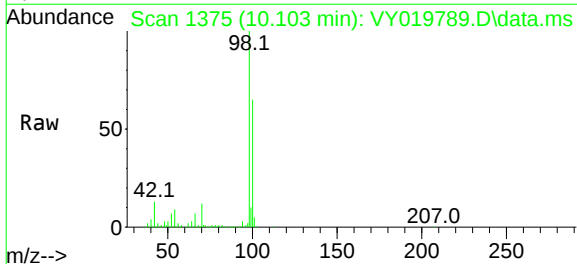
Acq: 03 Oct 2024 15:41

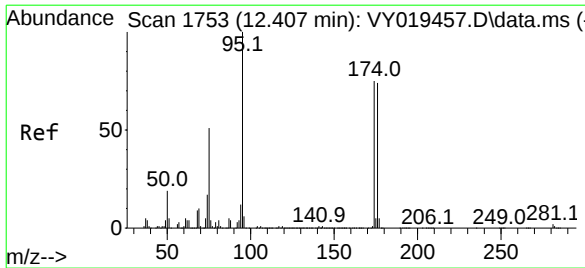
Tgt Ion: 98 Resp: 663524

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.987 ug/l

RT: 12.401 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY019789.D

Acq: 03 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

IB-2-VOC

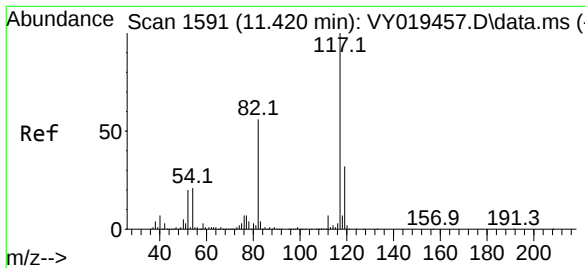
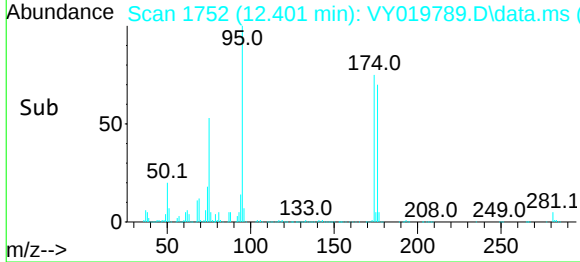
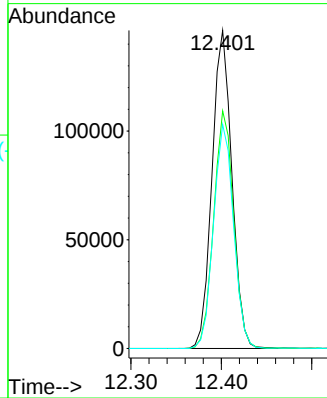
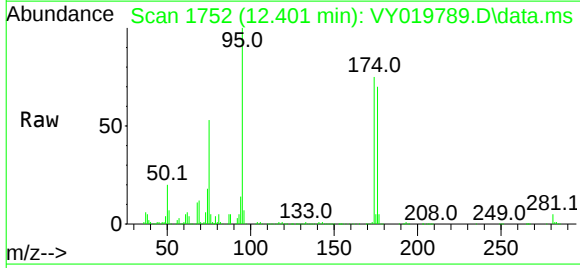
Tgt Ion: 95 Resp: 223213

Ion Ratio Lower Upper

95 100

174 75.1 0.0 175.6

176 71.1 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: VY019789.D

Acq: 03 Oct 2024 15:41

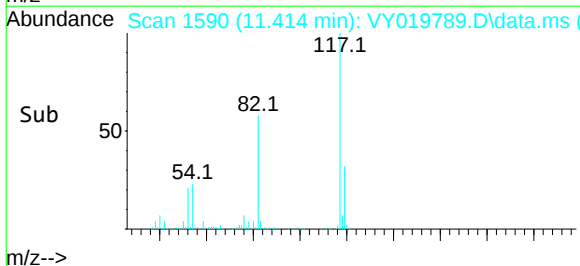
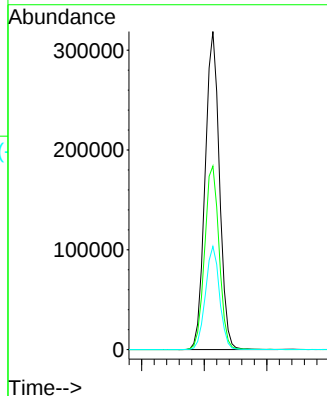
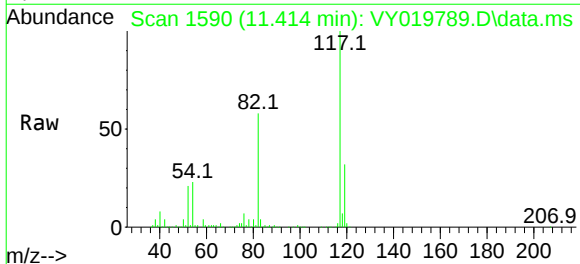
Tgt Ion: 117 Resp: 507270

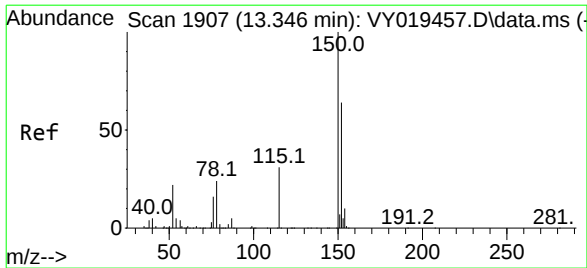
Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

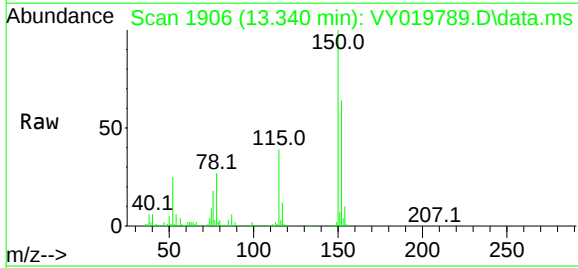
119 32.5 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY019789.D
 Acq: 03 Oct 2024 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 IB-2-VOC



Tgt Ion:152 Resp: 196890
 Ion Ratio Lower Upper
 152 100
 115 61.4 28.2 84.7
 150 156.2 0.0 345.6

