

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020102.D
 Acq On : 31 Oct 2024 18:09
 Operator : SY/MD
 Sample : P4616-03
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F10-VOC

Quant Time: Nov 01 03:51:15 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)

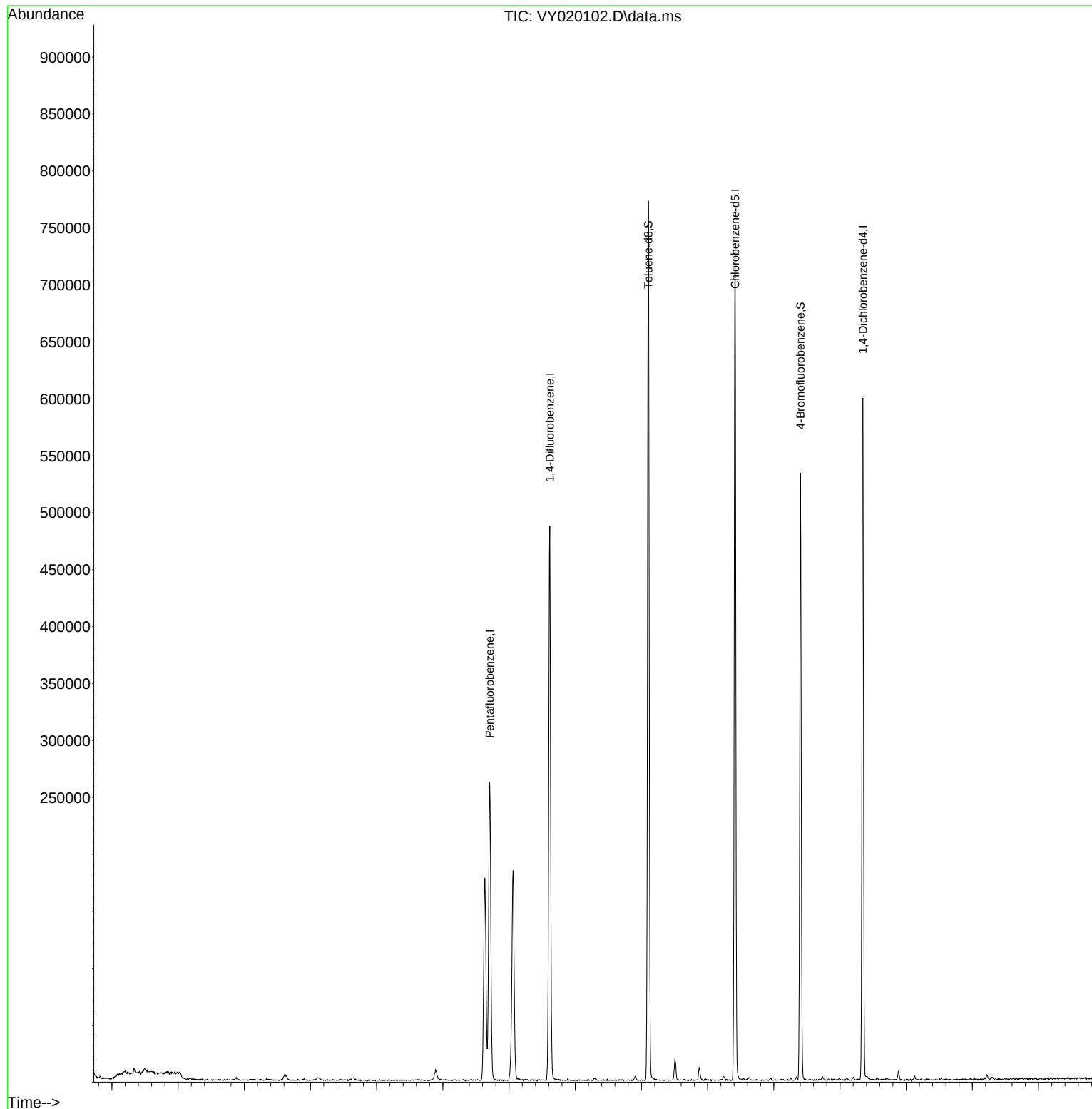
Internal Standards						
1) Pentafluorobenzene	7.707	168	181210	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	381190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	356911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	136543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133864	59.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.380%
35) Dibromofluoromethane	7.634	113	126495	52.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.380%
50) Toluene-d8	10.103	98	472649	48.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.401	95	154068	49.168	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.340%
Target Compounds						
16) Acetone	3.878	43	3423	6.508	ug/l	Qvalue 91

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

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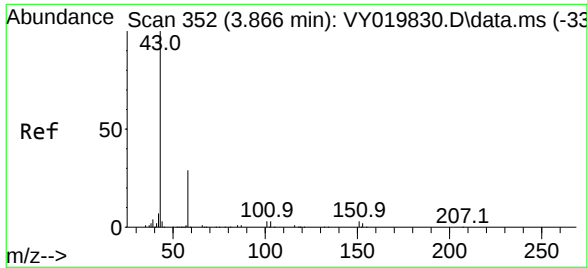
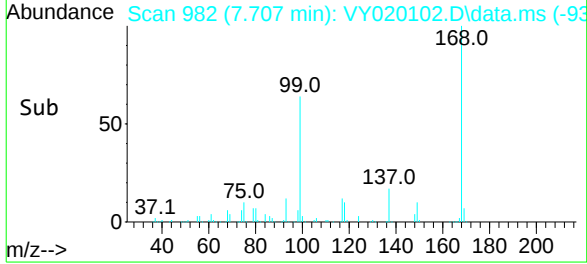
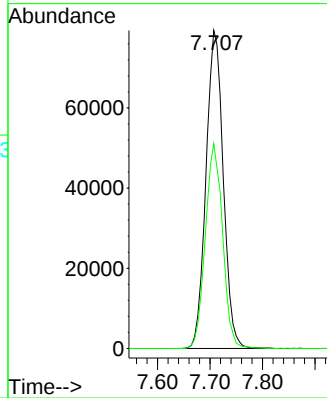
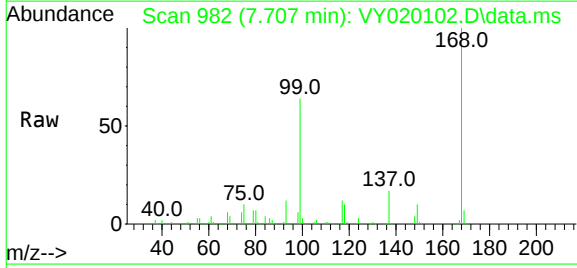




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

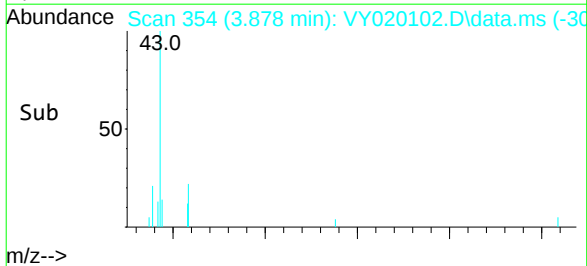
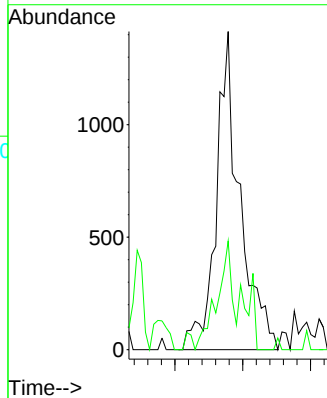
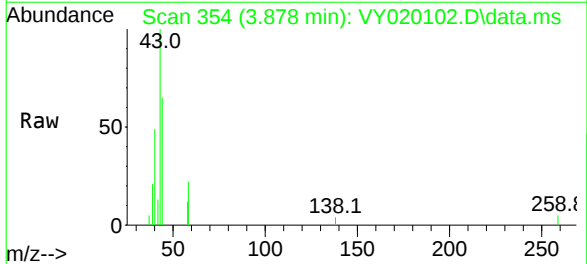
Instrument :
MSVOA_Y
ClientSampleId :
BP-F10-VOC

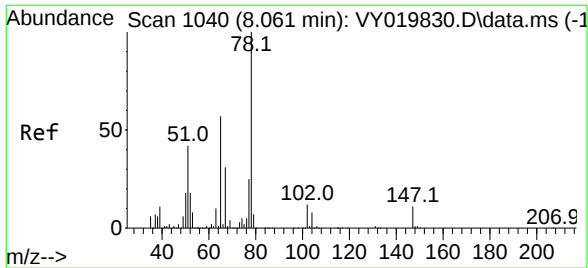
Tgt Ion:168 Resp: 181210
Ion Ratio Lower Upper
168 100
99 64.4 39.1 58.7#



#16
Acetone
Concen: 6.508 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

Tgt Ion: 43 Resp: 3423
Ion Ratio Lower Upper
43 100
58 34.2 31.7 47.5

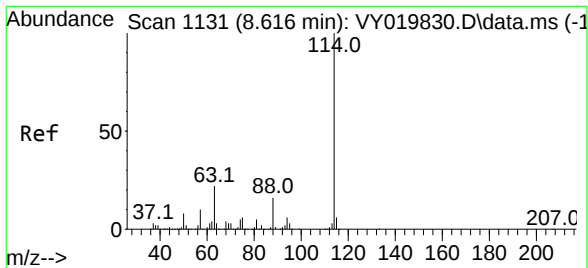
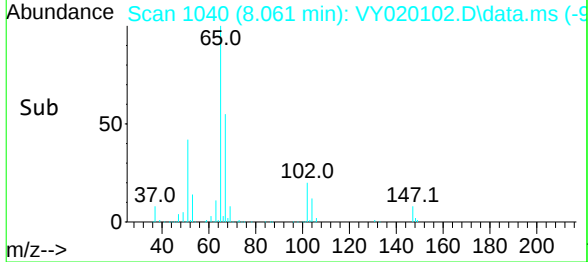
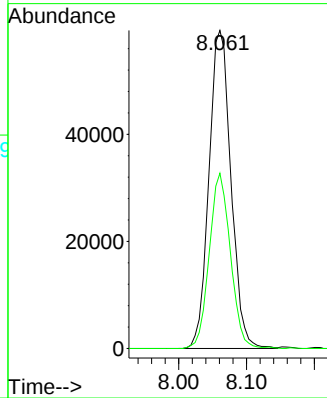
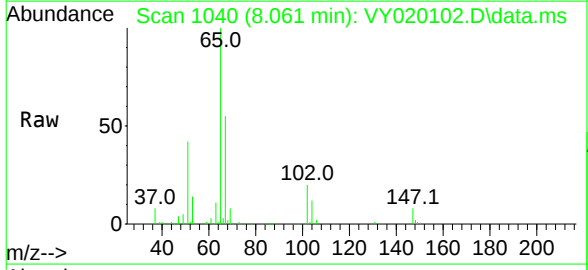




#33
1,2-Dichloroethane-d4
Concen: 59.189 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

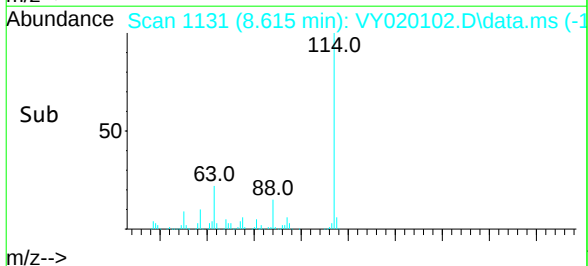
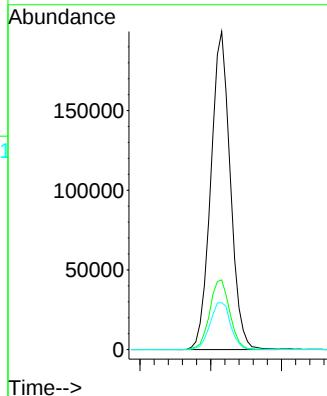
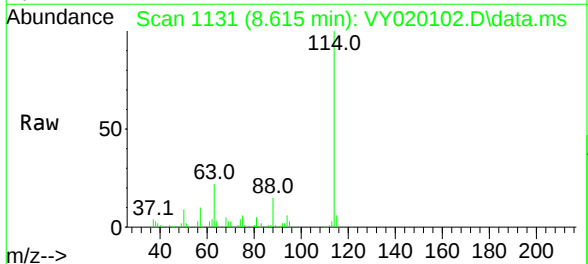
Instrument :
MSVOA_Y
ClientSampleId :
BP-F10-VOC

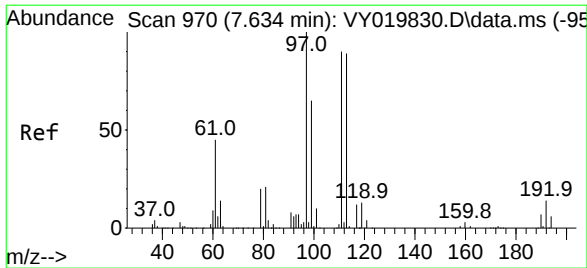
Tgt Ion: 65 Resp: 133864
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

Tgt Ion: 114 Resp: 381190
Ion Ratio Lower Upper
114 100
63 21.9 0.0 35.0
88 14.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.193 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020102.D

Acq: 31 Oct 2024 18:09

Instrument :

MSVOA_Y

ClientSampleId :

BP-F10-VOC

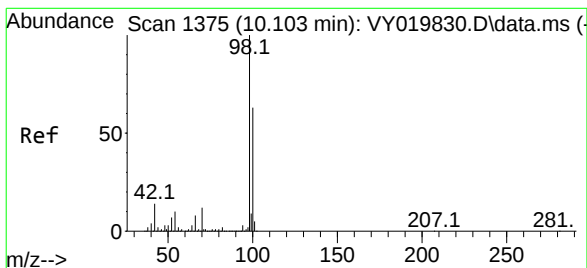
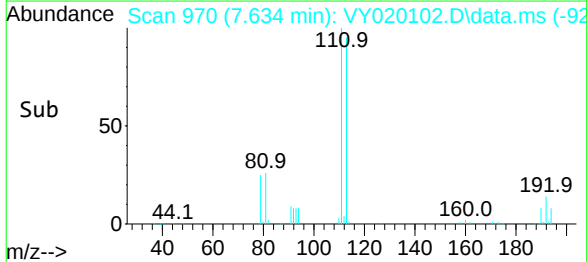
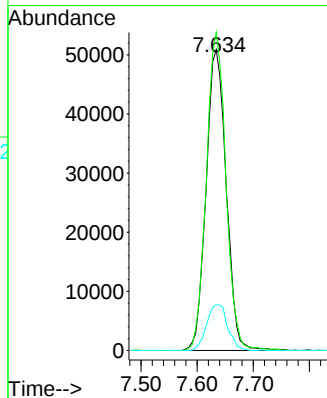
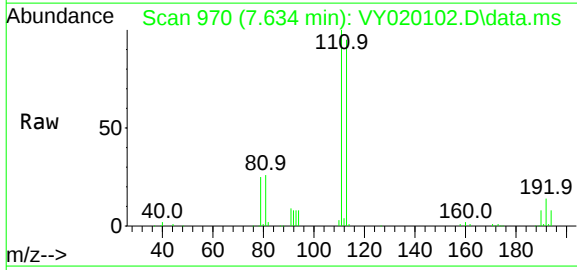
Tgt Ion:113 Resp: 126495

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 15.9 15.9 23.9#



#50

Toluene-d8

Concen: 48.994 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020102.D

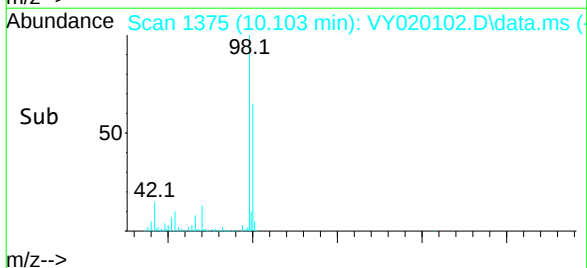
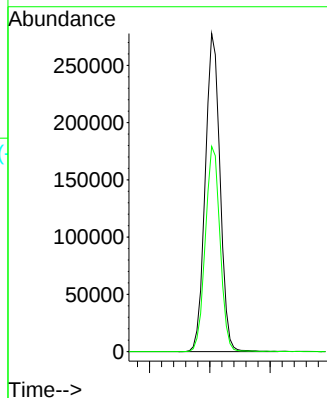
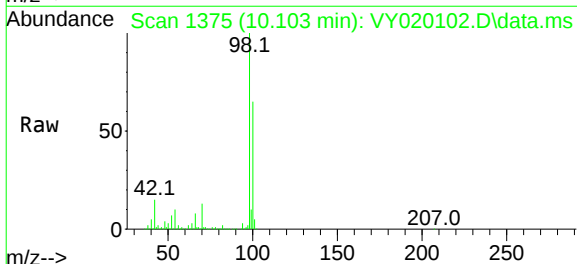
Acq: 31 Oct 2024 18:09

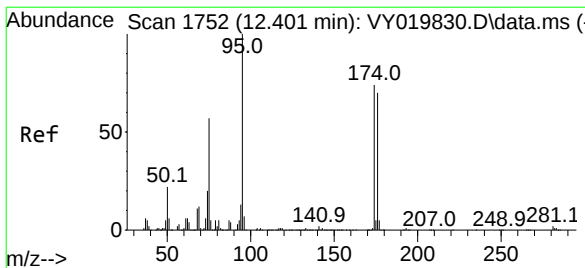
Tgt Ion: 98 Resp: 472649

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.168 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020102.D

Acq: 31 Oct 2024 18:09

Instrument :

MSVOA_Y

ClientSampleId :

BP-F10-VOC

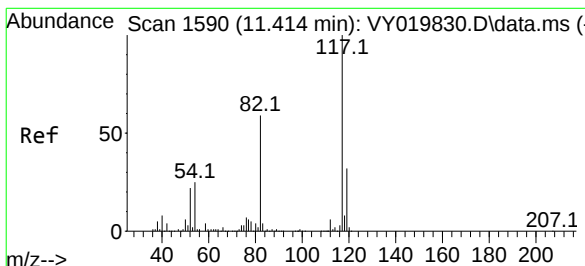
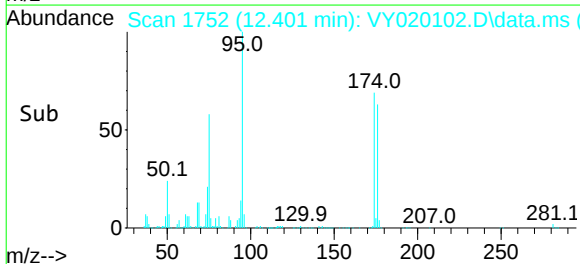
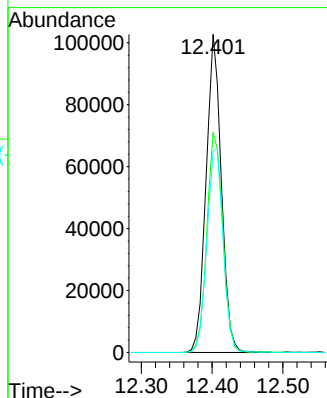
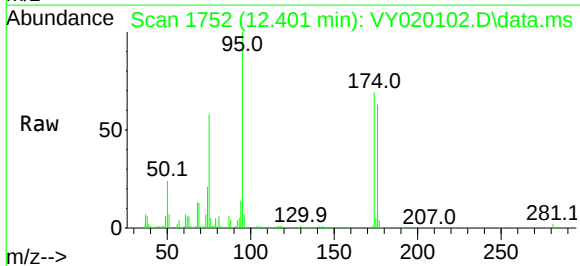
Tgt Ion: 95 Resp: 154068

Ion Ratio Lower Upper

95 100

174 72.2 0.0 175.6

176 68.2 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: VY020102.D

Acq: 31 Oct 2024 18:09

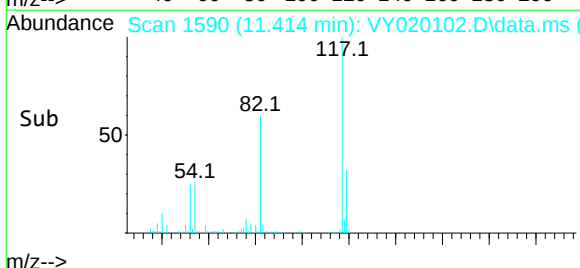
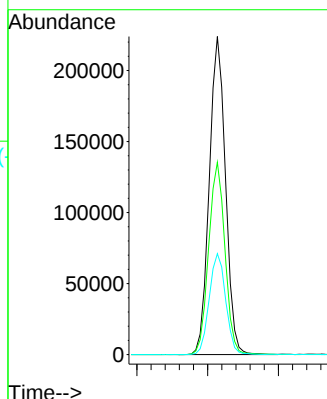
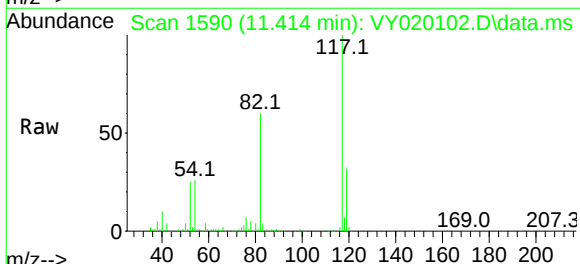
Tgt Ion: 117 Resp: 356911

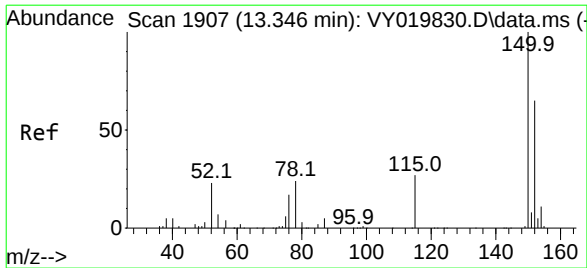
Ion Ratio Lower Upper

117 100

82 60.5 42.4 63.6

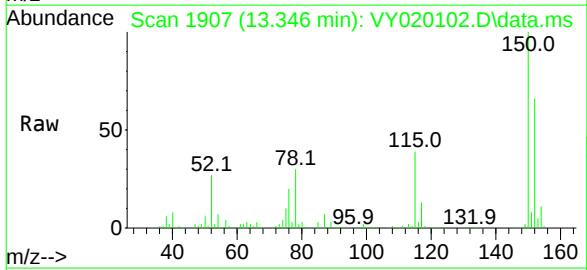
119 31.7 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

Instrument :
MSVOA_Y
ClientSampleId :
BP-F10-VOC



Tgt Ion:152 Resp: 136543
Ion Ratio Lower Upper
152 100
115 62.6 28.2 84.7
150 157.0 0.0 345.6

