

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020093.D
 Acq On : 31 Oct 2024 14:38
 Operator : SY/MD
 Sample : P4594-07
 Misc : 4.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F17-VOC

Quant Time: Nov 01 03:48:27 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)

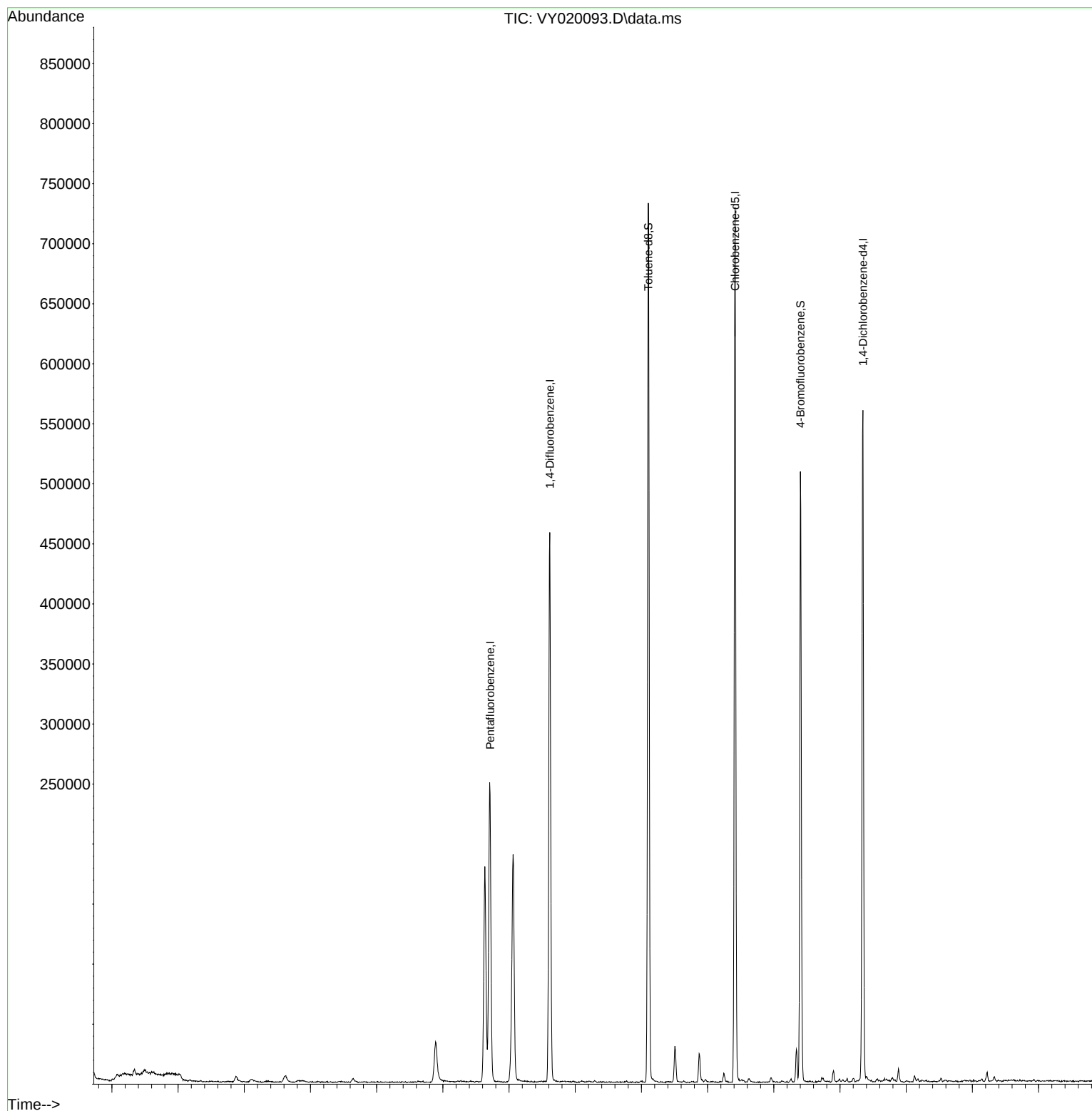
Internal Standards						
1) Pentafluorobenzene	7.713	168	172117	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	360169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	343588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	126303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	134797	62.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.500%
35) Dibromofluoromethane	7.634	113	121759	53.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.340%
50) Toluene-d8	10.103	98	453679	49.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.402	95	146403	49.449	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.900%
Target Compounds						
16) Acetone	3.879	43	8025	16.064	ug/l	# Qvalue 72

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

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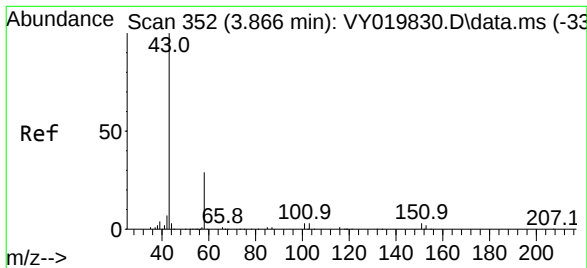
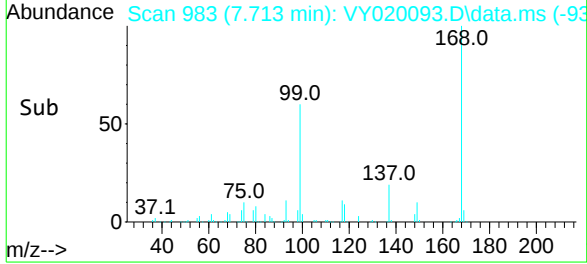
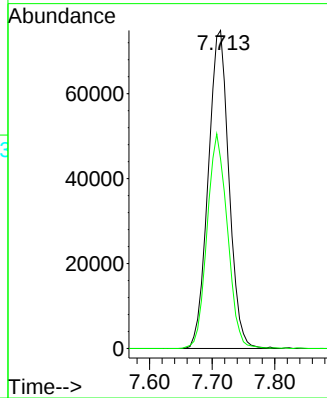
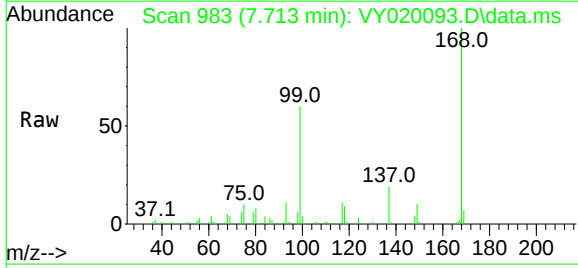




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

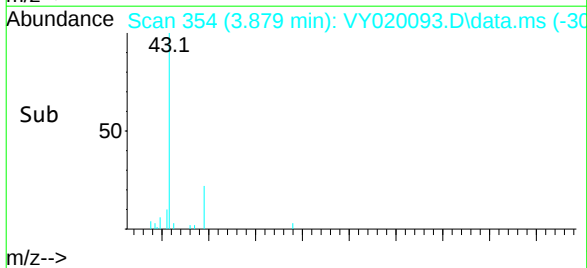
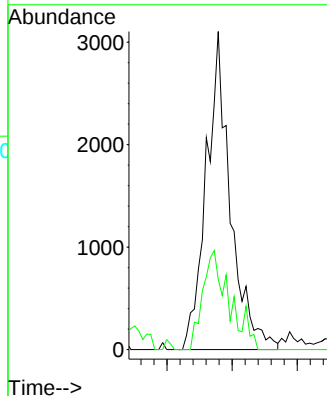
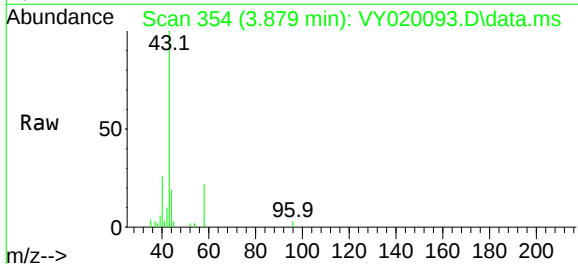
Instrument :
MSVOA_Y
ClientSampleId :
BP-F17-VOC

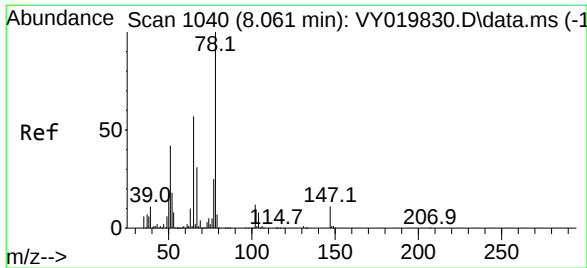
Tgt Ion: 168 Resp: 172117
Ion Ratio Lower Upper
168 100
99 59.6 39.1 58.7#



#16
Acetone
Concen: 16.064 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

Tgt Ion: 43 Resp: 8025
Ion Ratio Lower Upper
43 100
58 22.1 31.7 47.5#

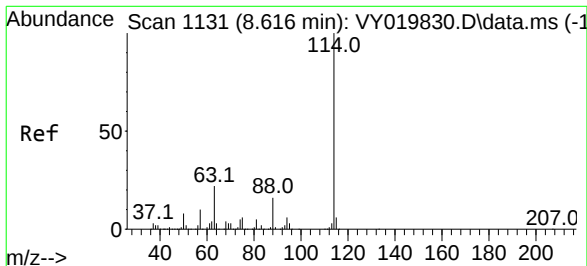
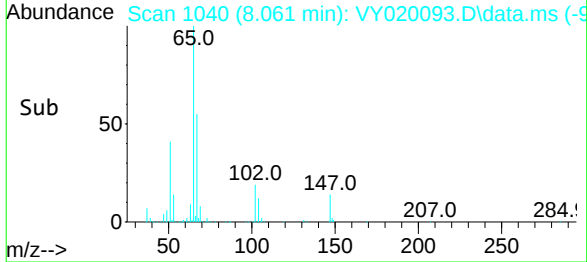
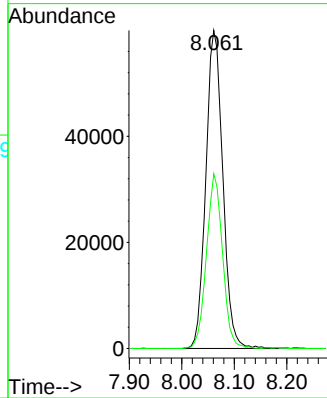
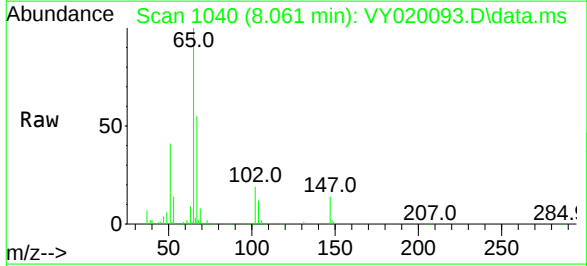




#33
1,2-Dichloroethane-d4
Concen: 62.751 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

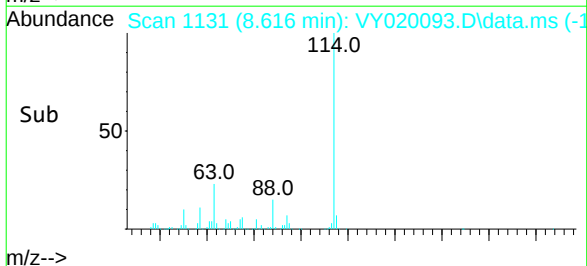
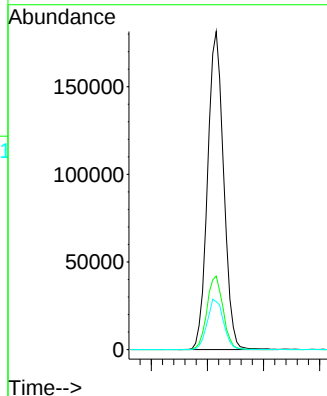
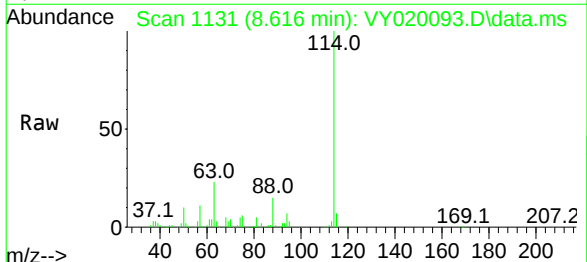
Instrument :
MSVOA_Y
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BP-F17-VOC

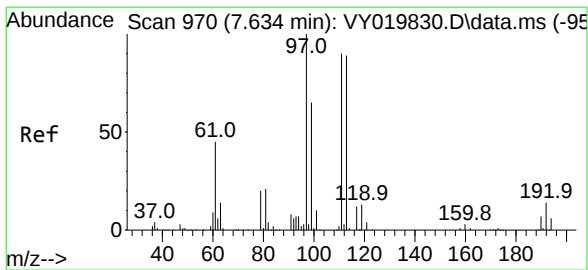
Tgt Ion: 65 Resp: 134797
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

Tgt Ion: 114 Resp: 360169
Ion Ratio Lower Upper
114 100
63 23.1 0.0 35.0
88 15.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.171 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020093.D

Acq: 31 Oct 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

BP-F17-VOC

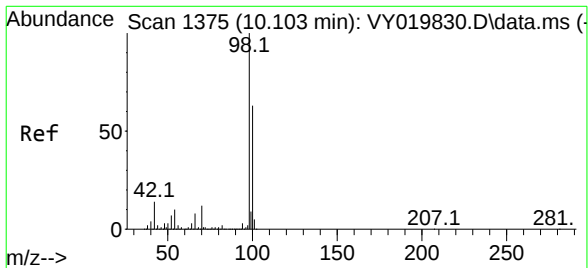
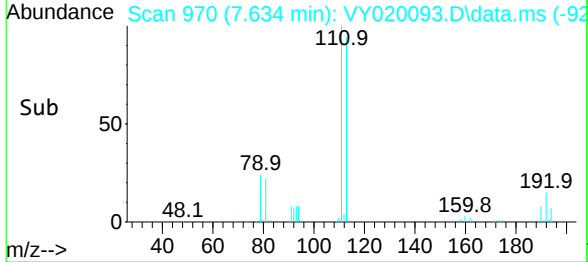
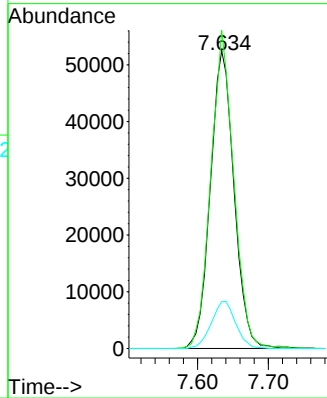
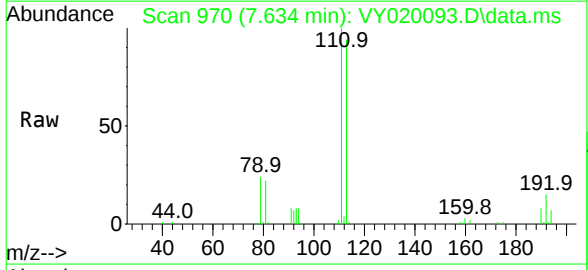
Tgt Ion:113 Resp: 121759

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 16.3 15.9 23.9



#50

Toluene-d8

Concen: 49.772 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020093.D

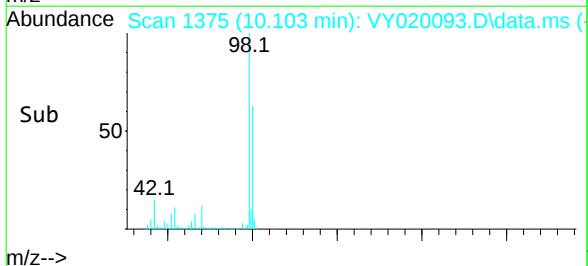
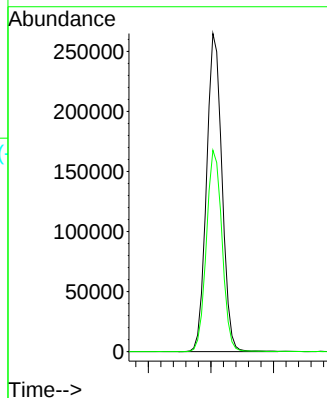
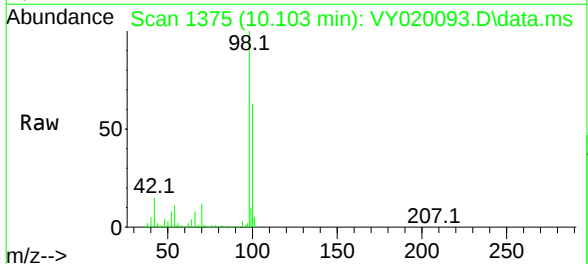
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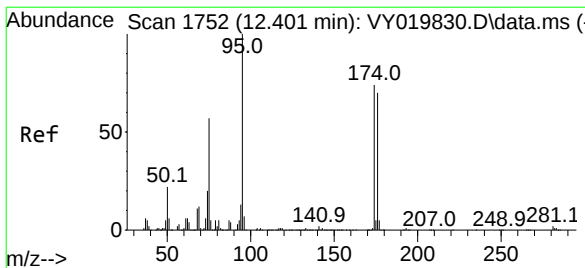
Tgt Ion: 98 Resp: 453679

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

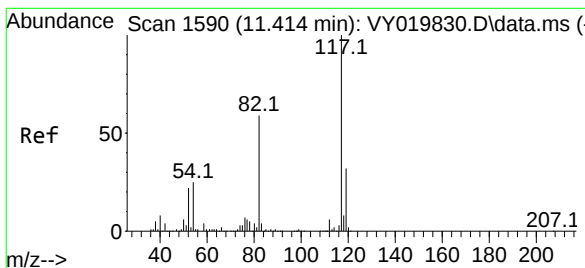
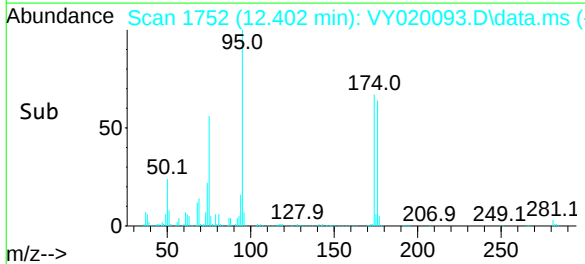
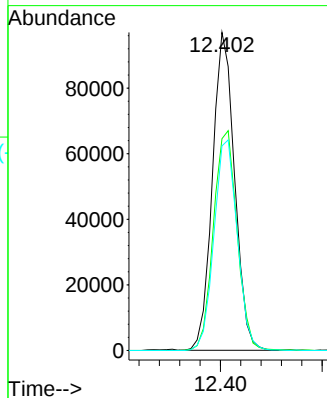
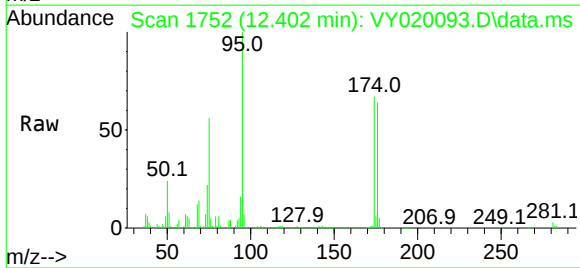




#62
4-Bromofluorobenzene
Concen: 49.449 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

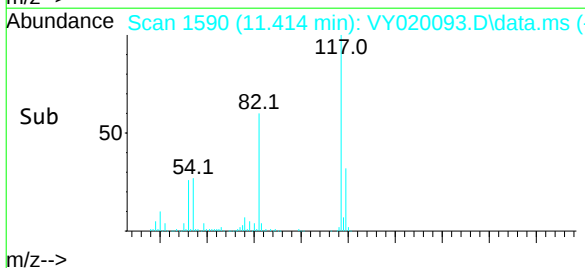
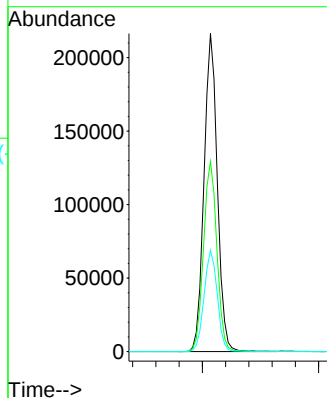
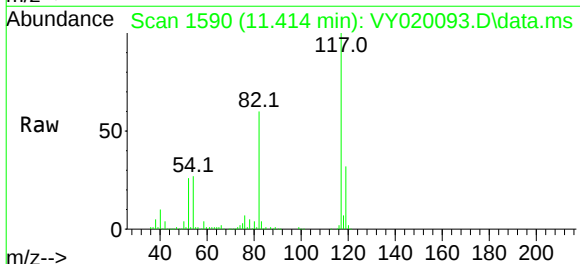
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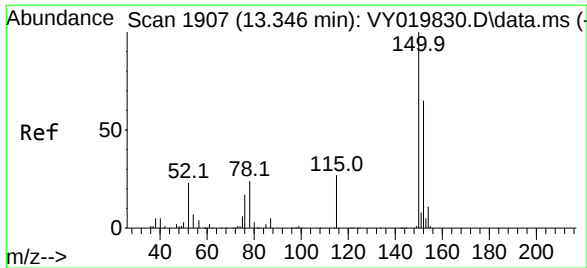
Tgt Ion: 95 Resp: 146403
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 69.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

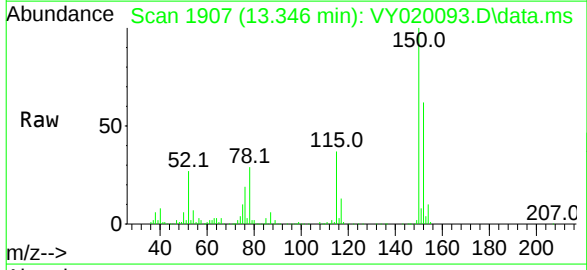
Tgt Ion: 117 Resp: 343588
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.9 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

Instrument :
MSVOA_Y
ClientSampleId :
BP-F17-VOC



Tgt Ion:	152	Resp:	126303
Ion	Ratio	Lower	Upper
152	100		
115	61.9	28.2	84.7
150	159.9	0.0	345.6

