

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021876.D
 Acq On : 14 Apr 2025 17:47
 Operator : SY/MD
 Sample : Q1787-11
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-VOC

Quant Time: Apr 14 23:34:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

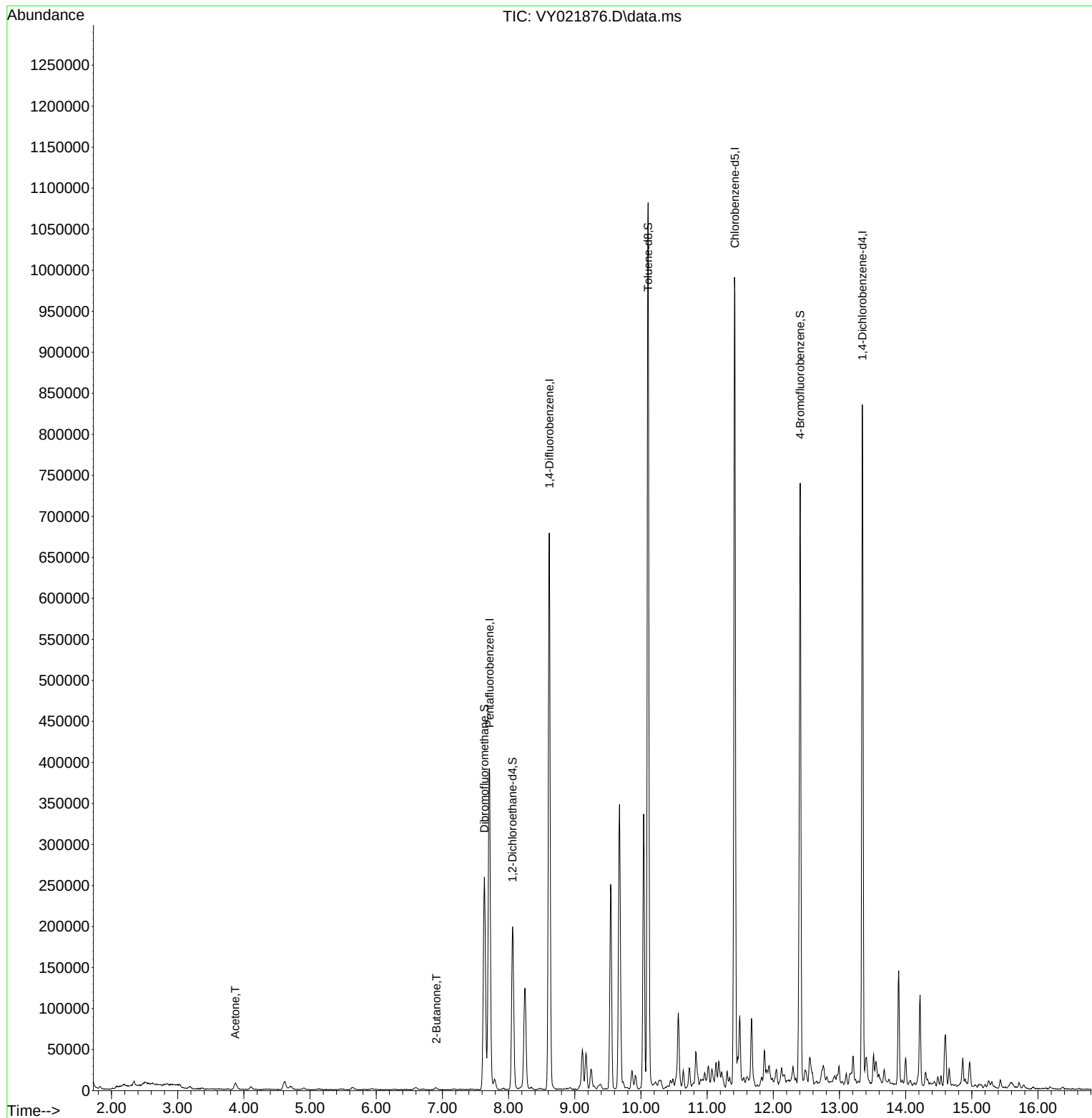
Internal Standards						
1) Pentafluorobenzene	7.713	168	303416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	564970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	495294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	200121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	156964	47.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.500%
35) Dibromofluoromethane	7.634	113	179715	49.037	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.080%
50) Toluene-d8	10.109	98	694329	49.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.407	95	213356	45.242	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.480%
Target Compounds						
16) Acetone	3.872	43	14004	20.814	ug/l #	86
25) 2-Butanone	6.908	43	4031	4.195	ug/l	97

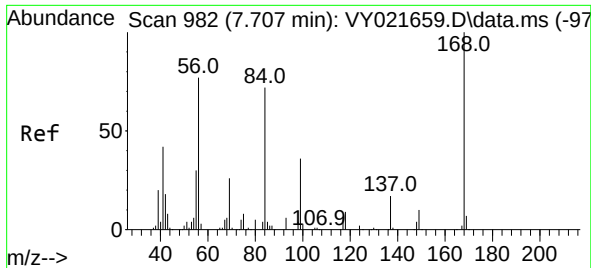
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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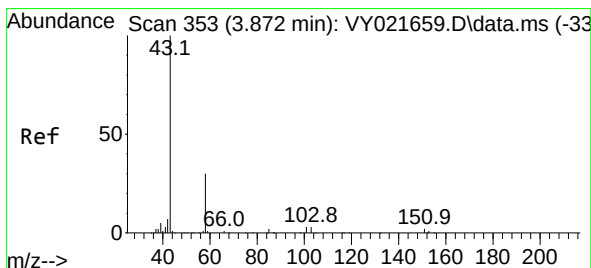
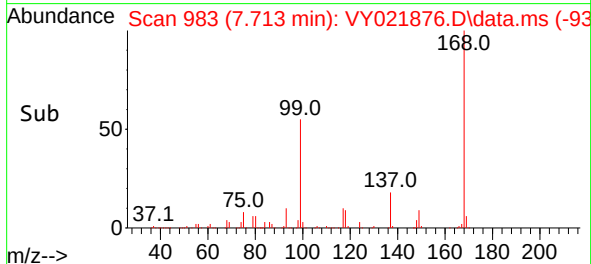
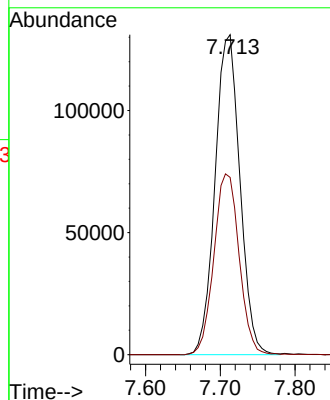
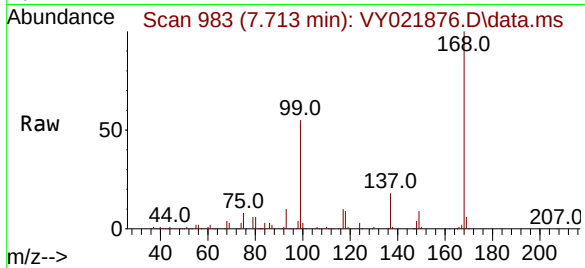




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021876.D
Acq: 14 Apr 2025 17:47

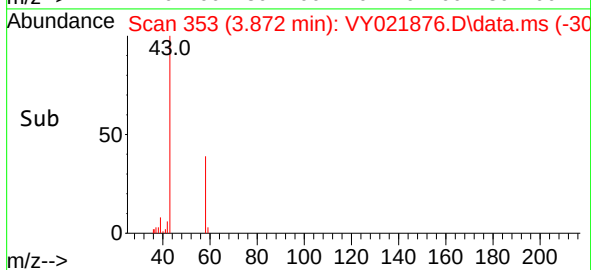
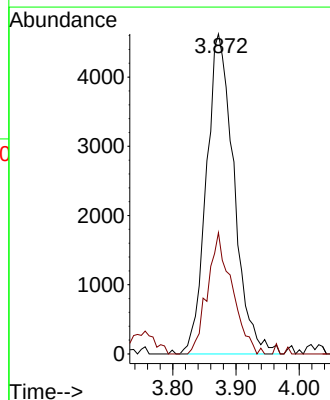
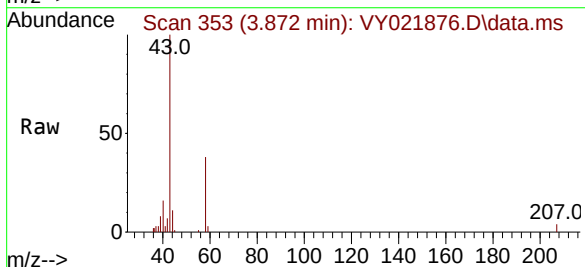
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

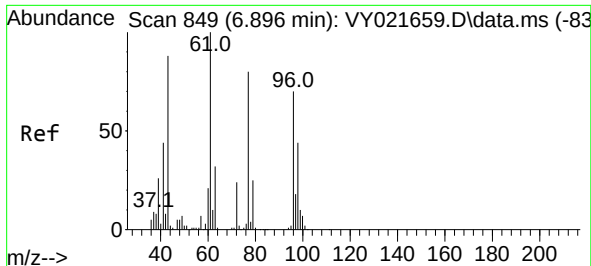
Tgt Ion:168 Resp: 303416
Ion Ratio Lower Upper
168 100
99 55.4 46.7 70.1



#16
Acetone
Concen: 20.814 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY021876.D
Acq: 14 Apr 2025 17:47

Tgt Ion: 43 Resp: 14004
Ion Ratio Lower Upper
43 100
58 37.9 24.2 36.4#

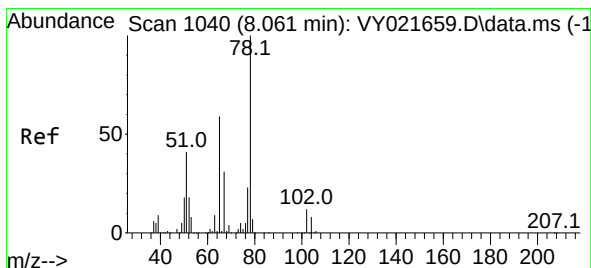
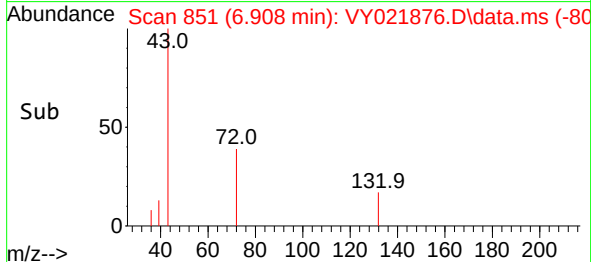
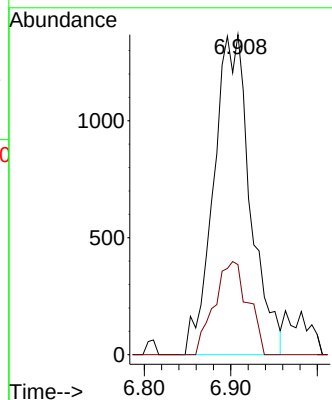
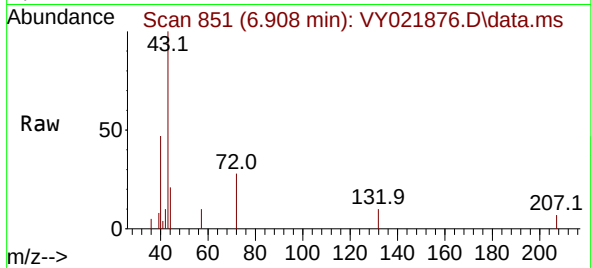




#25
2-Butanone
Concen: 4.195 ug/l
RT: 6.908 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY021876.D
Acq: 14 Apr 2025 17:47

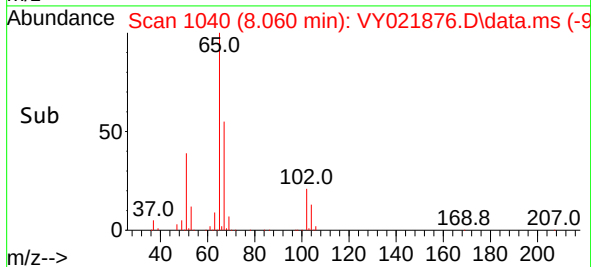
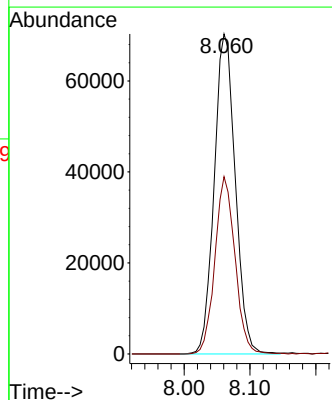
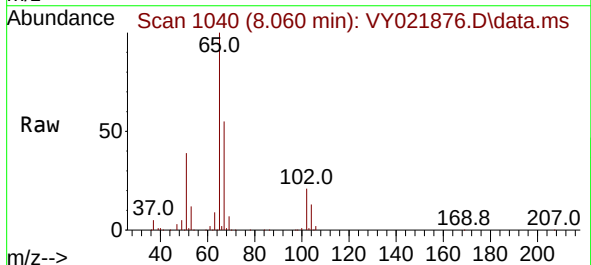
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

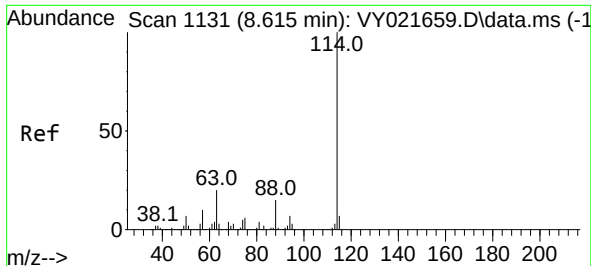
Tgt Ion: 43 Resp: 4031
Ion Ratio Lower Upper
43 100
72 28.1 21.4 32.2



#33
1,2-Dichloroethane-d4
Concen: 47.747 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021876.D
Acq: 14 Apr 2025 17:47

Tgt Ion: 65 Resp: 156964
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.6

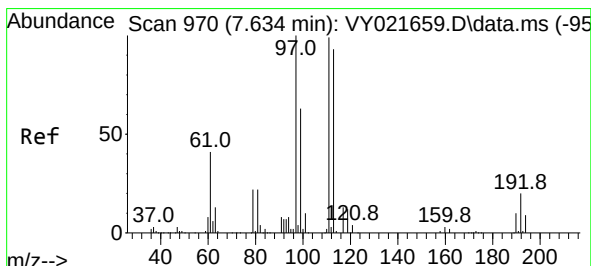
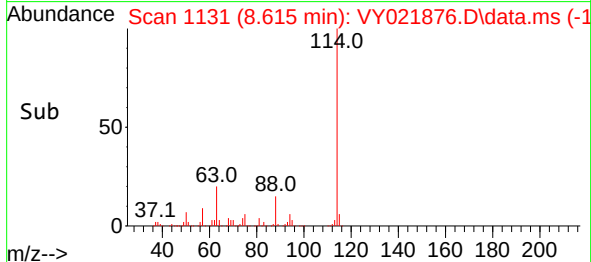
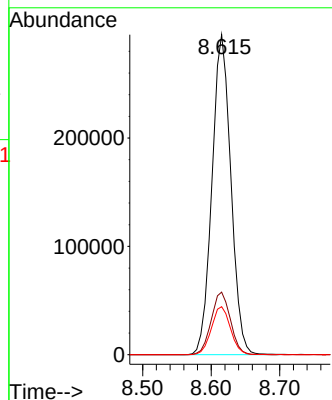
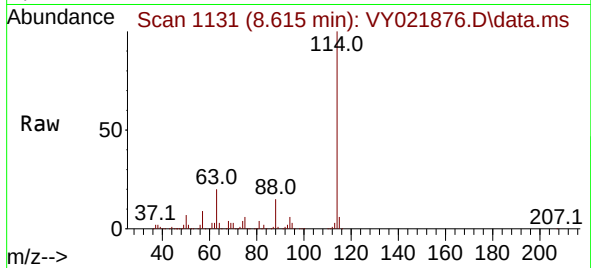




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021876.D
Acq: 14 Apr 2025 17:47

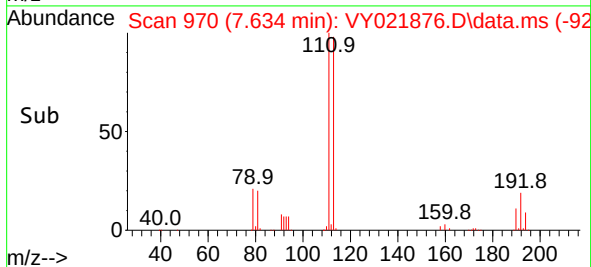
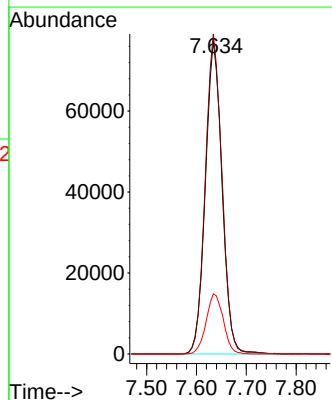
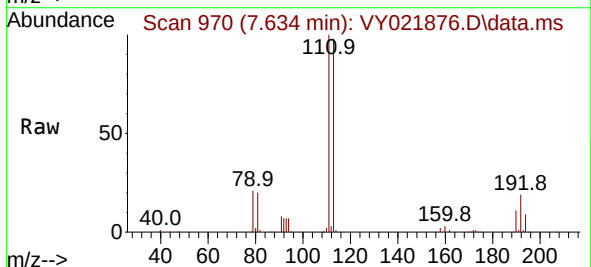
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

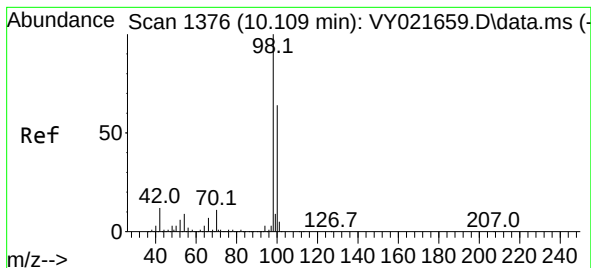
Tgt Ion:114 Resp: 564970
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.2
88 15.0 0.0 29.8



#35
Dibromofluoromethane
Concen: 49.037 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021876.D
Acq: 14 Apr 2025 17:47

Tgt Ion:113 Resp: 179715
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.8 16.2 24.4

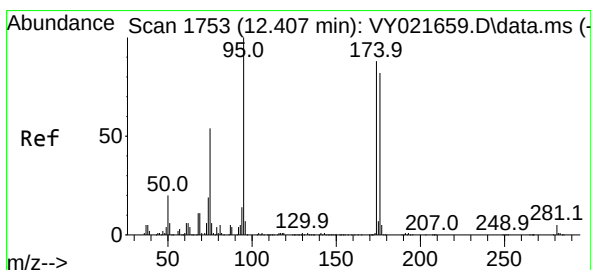
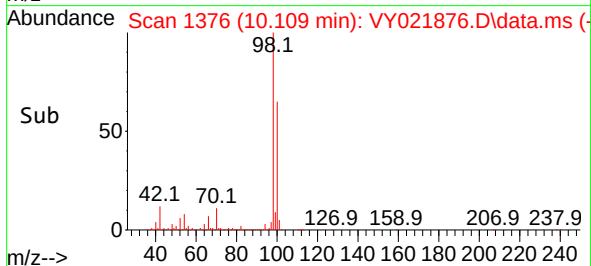
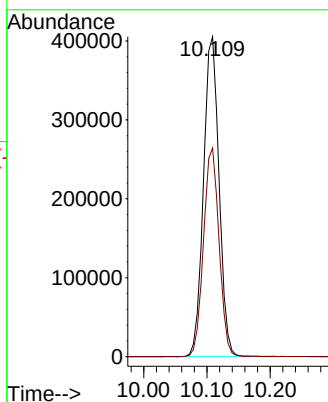
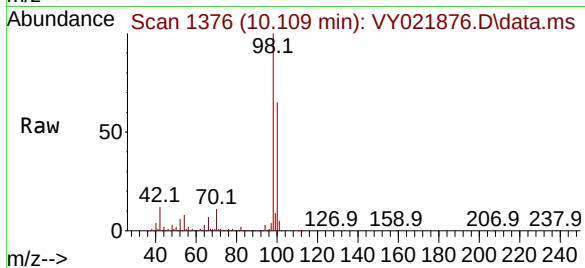




#50
Toluene-d8
Concen: 49.800 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021876.D
Acq: 14 Apr 2025 17:47

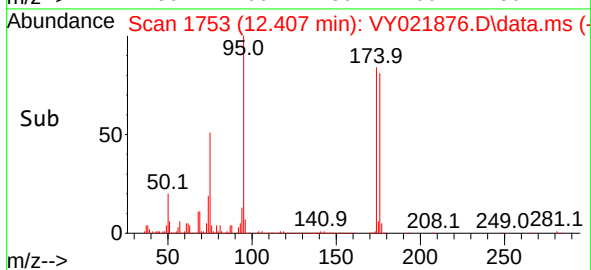
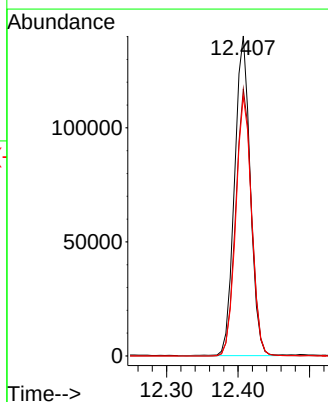
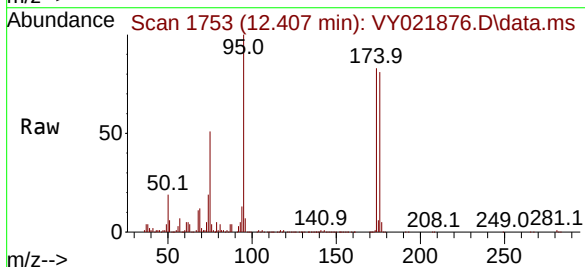
Instrument :
MSVOA_Y
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TP-1-VOC

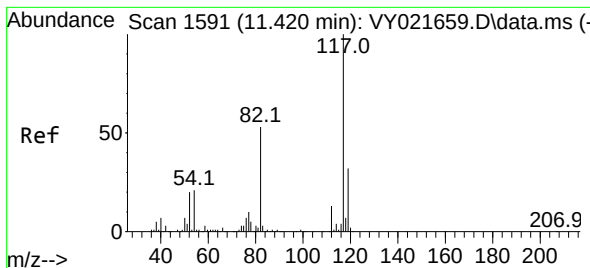
Tgt Ion: 98 Resp: 694329
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.242 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021876.D
Acq: 14 Apr 2025 17:47

Tgt Ion: 95 Resp: 213356
Ion Ratio Lower Upper
95 100
174 84.4 0.0 170.8
176 81.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021876.D

Acq: 14 Apr 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-VOC

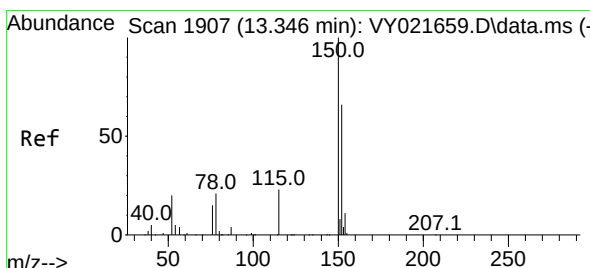
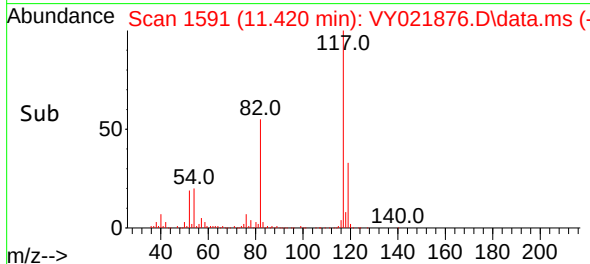
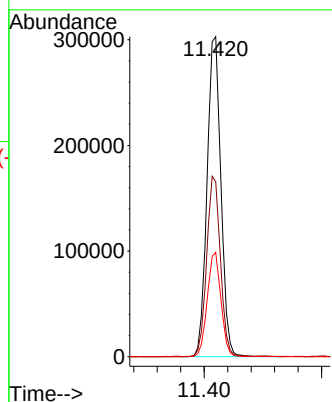
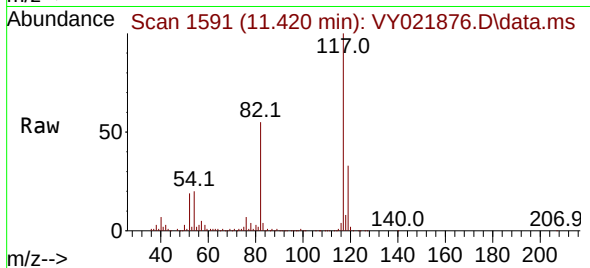
Tgt Ion:117 Resp: 495294

Ion Ratio Lower Upper

117 100

82 54.6 42.8 64.2

119 32.6 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021876.D

Acq: 14 Apr 2025 17:47

Tgt Ion:152 Resp: 200121

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 155.6 0.0 348.4

