

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021252.D
 Acq On : 20 Feb 2025 16:19
 Operator : SY/MD
 Sample : Q1383-03
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-12-021725

Quant Time: Feb 21 02:42:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

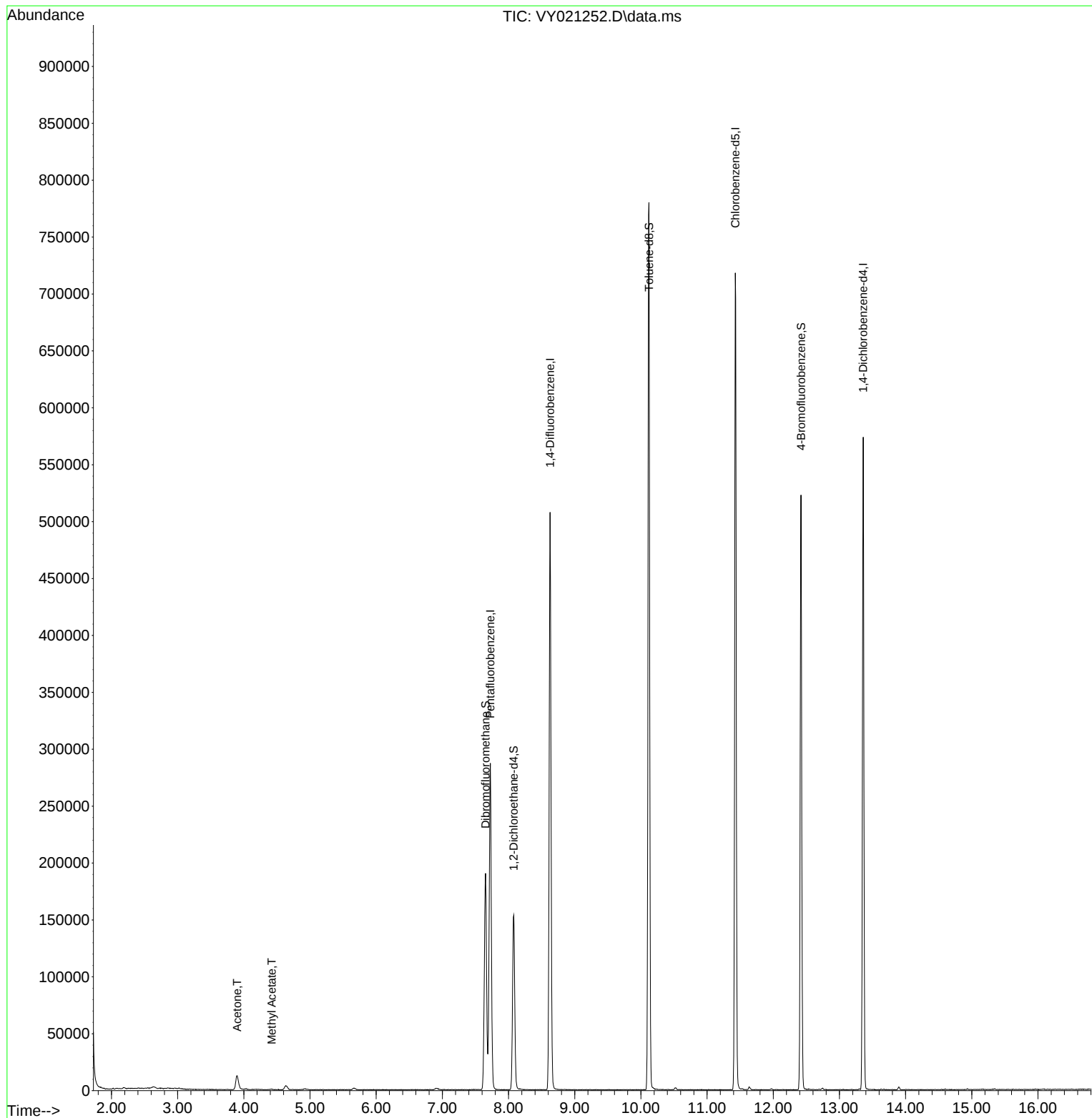
Internal Standards						
1) Pentafluorobenzene	7.725	168	215254	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	413905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	372163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	138237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	126212	57.227	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.460%
35) Dibromofluoromethane	7.652	113	133780	50.434	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.860%
50) Toluene-d8	10.121	98	503890	49.897	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.420	95	154558	46.848	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.700%
Target Compounds						
						Qvalue
16) Acetone	3.897	43	24326	70.728	ug/l	98
18) Methyl Acetate	4.421	43	1229	1.018	ug/l #	74

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

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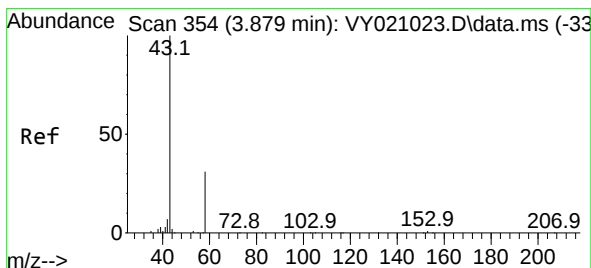
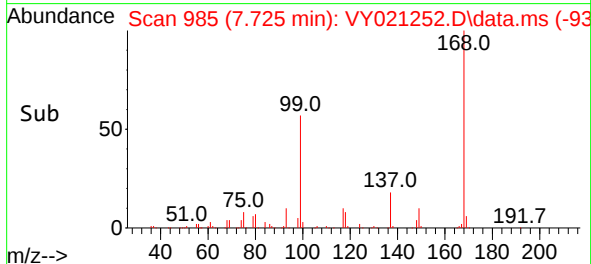
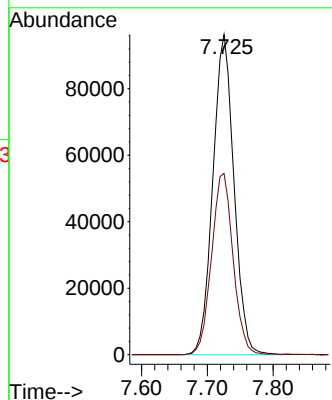
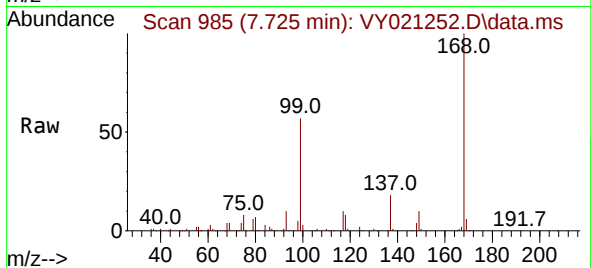




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021252.D
Acq: 20 Feb 2025 16:19

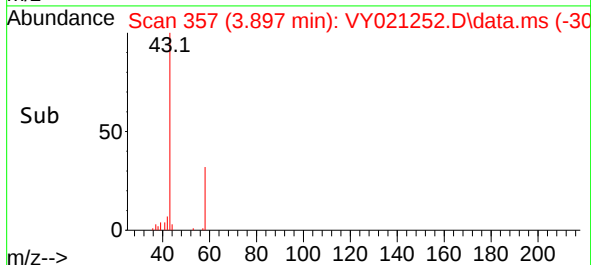
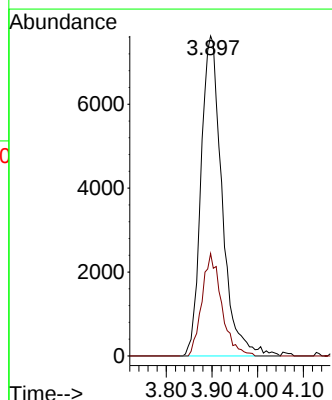
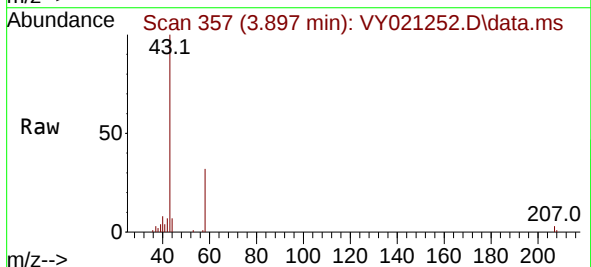
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-12-021725

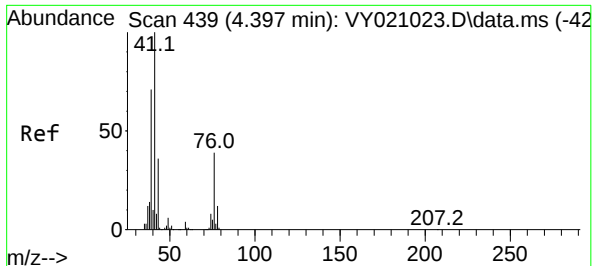
Tgt Ion:168 Resp: 215254
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#16
Acetone
Concen: 70.728 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY021252.D
Acq: 20 Feb 2025 16:19

Tgt Ion: 43 Resp: 24326
Ion Ratio Lower Upper
43 100
58 32.0 26.6 39.8

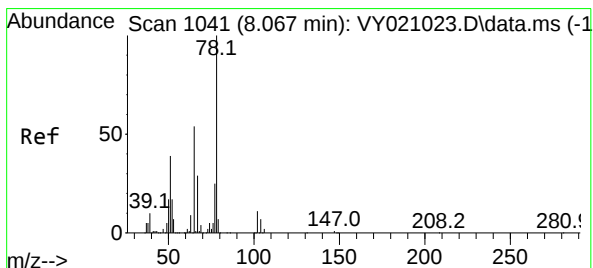
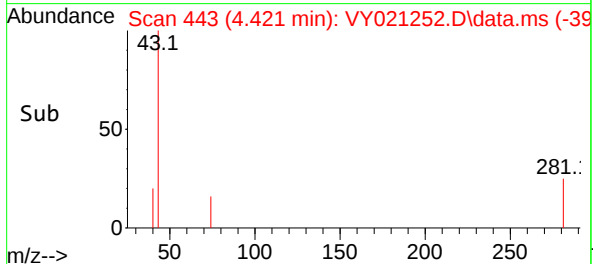
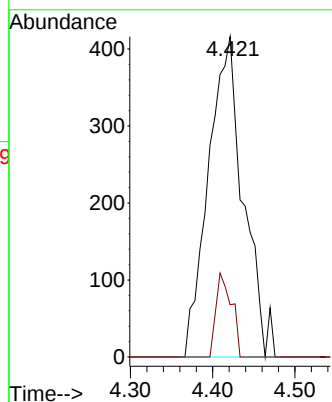
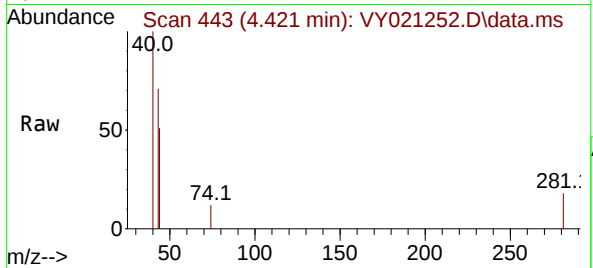




#18
Methyl Acetate
Concen: 1.018 ug/l
RT: 4.421 min Scan# 443
Delta R.T. 0.024 min
Lab File: VY021252.D
Acq: 20 Feb 2025 16:19

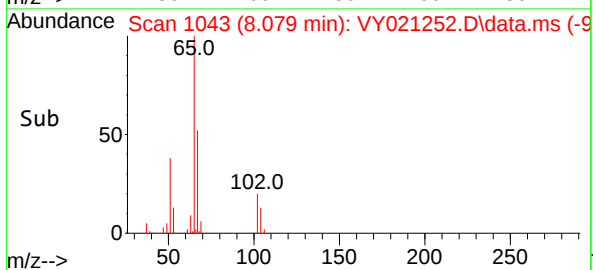
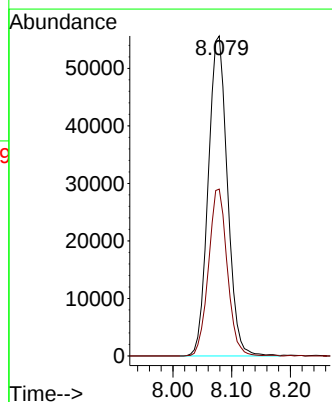
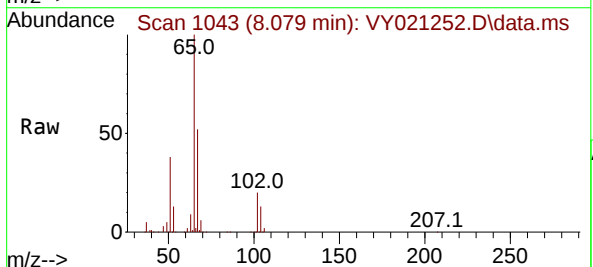
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-12-021725

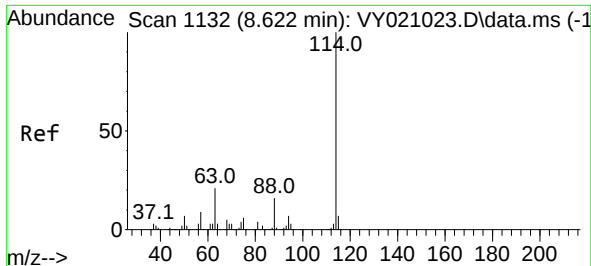
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
74 11.7 19.8 29.6#



#33
1,2-Dichloroethane-d4
Concen: 57.227 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY021252.D
Acq: 20 Feb 2025 16:19

Tgt Ion: 65 Resp: 126212
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY021252.D

Acq: 20 Feb 2025 16:19

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-12-021725

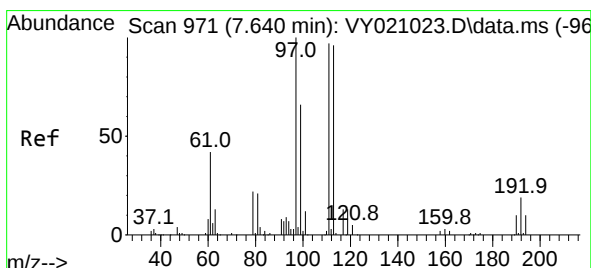
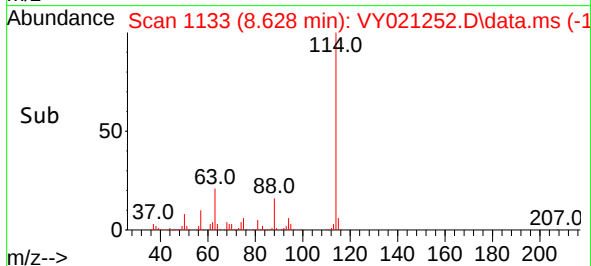
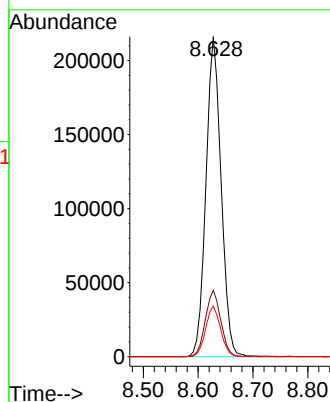
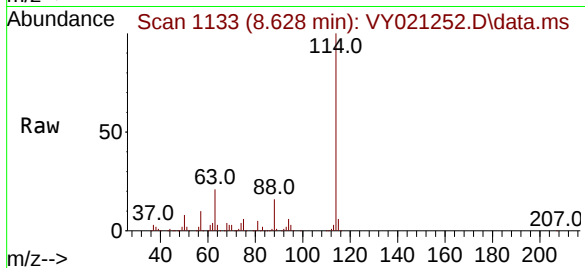
Tgt Ion:114 Resp: 413905

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.434 ug/l

RT: 7.652 min Scan# 973

Delta R.T. 0.012 min

Lab File: VY021252.D

Acq: 20 Feb 2025 16:19

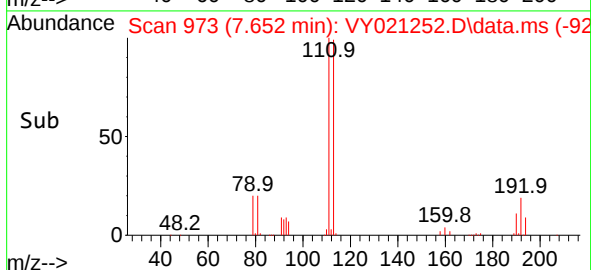
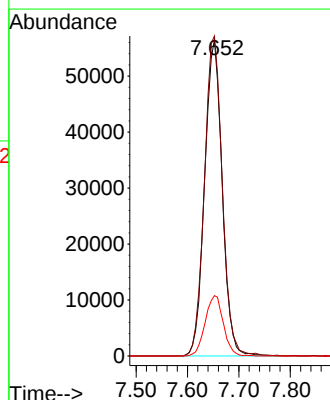
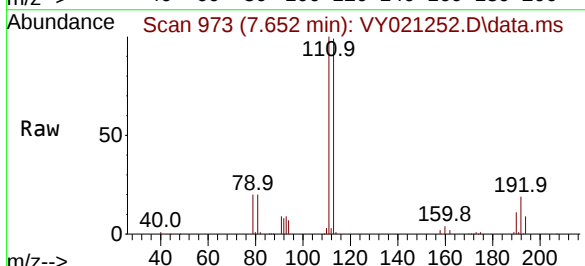
Tgt Ion:113 Resp: 133780

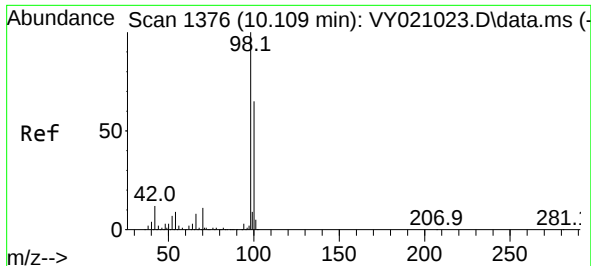
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 19.7 14.5 21.7

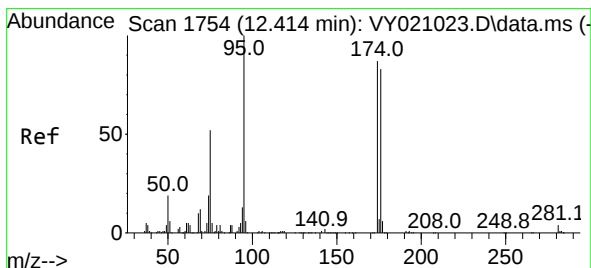
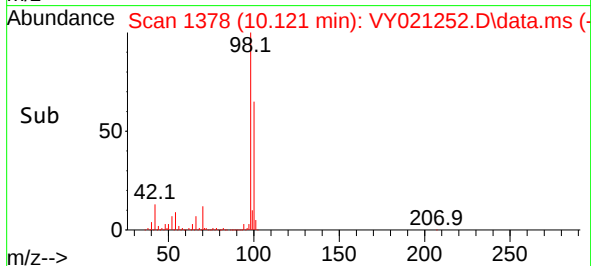
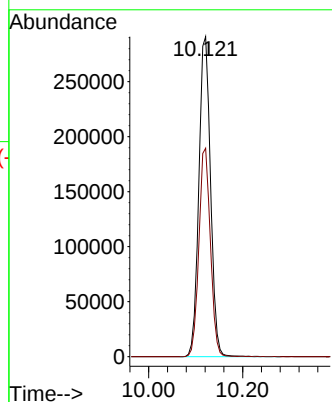
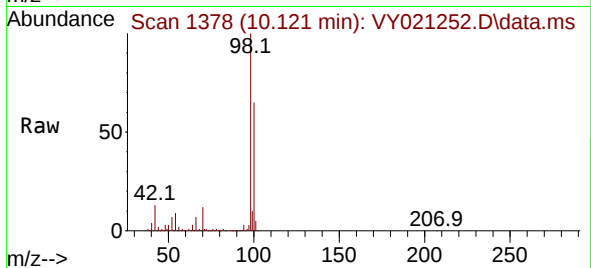




#50
Toluene-d8
Concen: 49.897 ug/l
RT: 10.121 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY021252.D
Acq: 20 Feb 2025 16:19

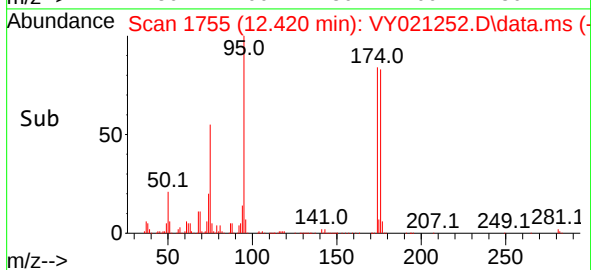
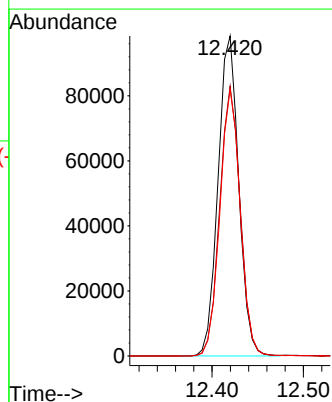
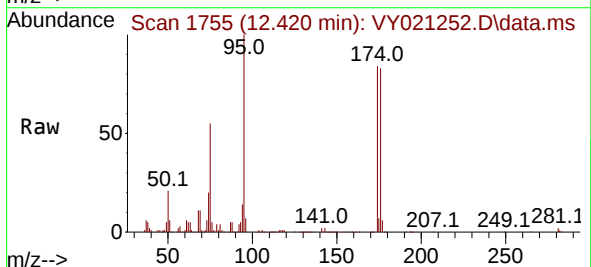
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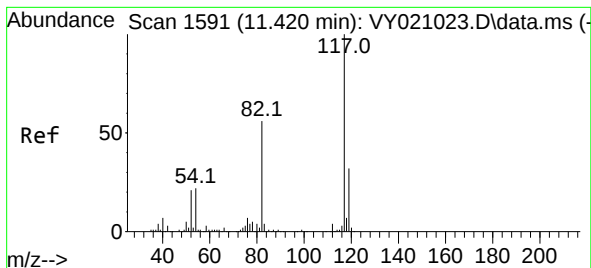
Tgt Ion: 98 Resp: 503890
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.848 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY021252.D
Acq: 20 Feb 2025 16:19

Tgt Ion: 95 Resp: 154558
Ion Ratio Lower Upper
95 100
174 83.7 0.0 160.0
176 82.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021252.D

Acq: 20 Feb 2025 16:19

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-12-021725

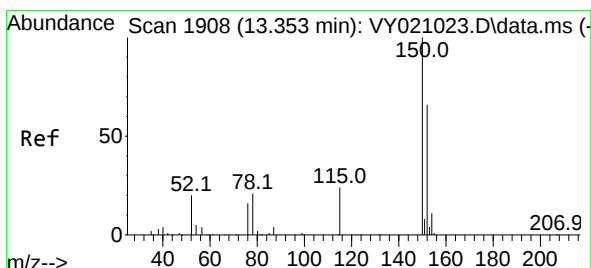
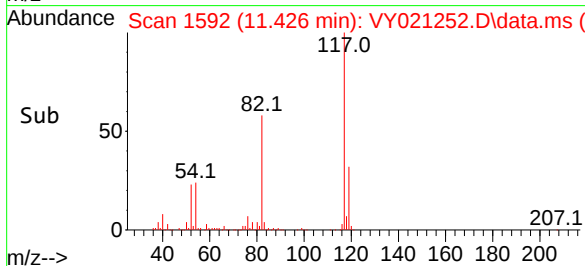
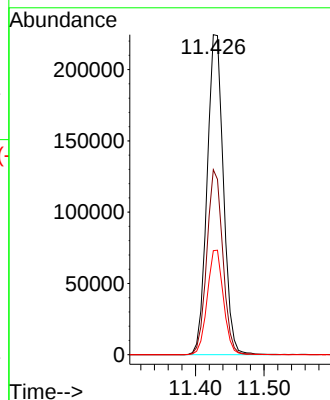
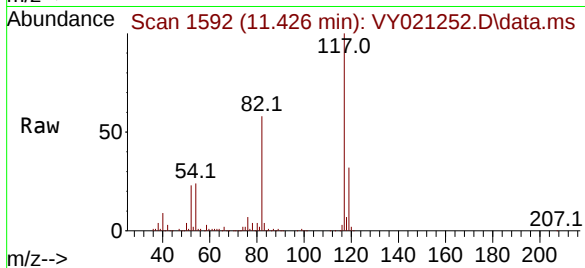
Tgt Ion:117 Resp: 372163

Ion Ratio Lower Upper

117 100

82 57.8 43.8 65.8

119 32.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021252.D

Acq: 20 Feb 2025 16:19

Tgt Ion:152 Resp: 138237

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 157.6 0.0 344.6

