

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021037.D
 Acq On : 03 Feb 2025 18:11
 Operator : SY/MD
 Sample : Q1216-13
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:58:31 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)

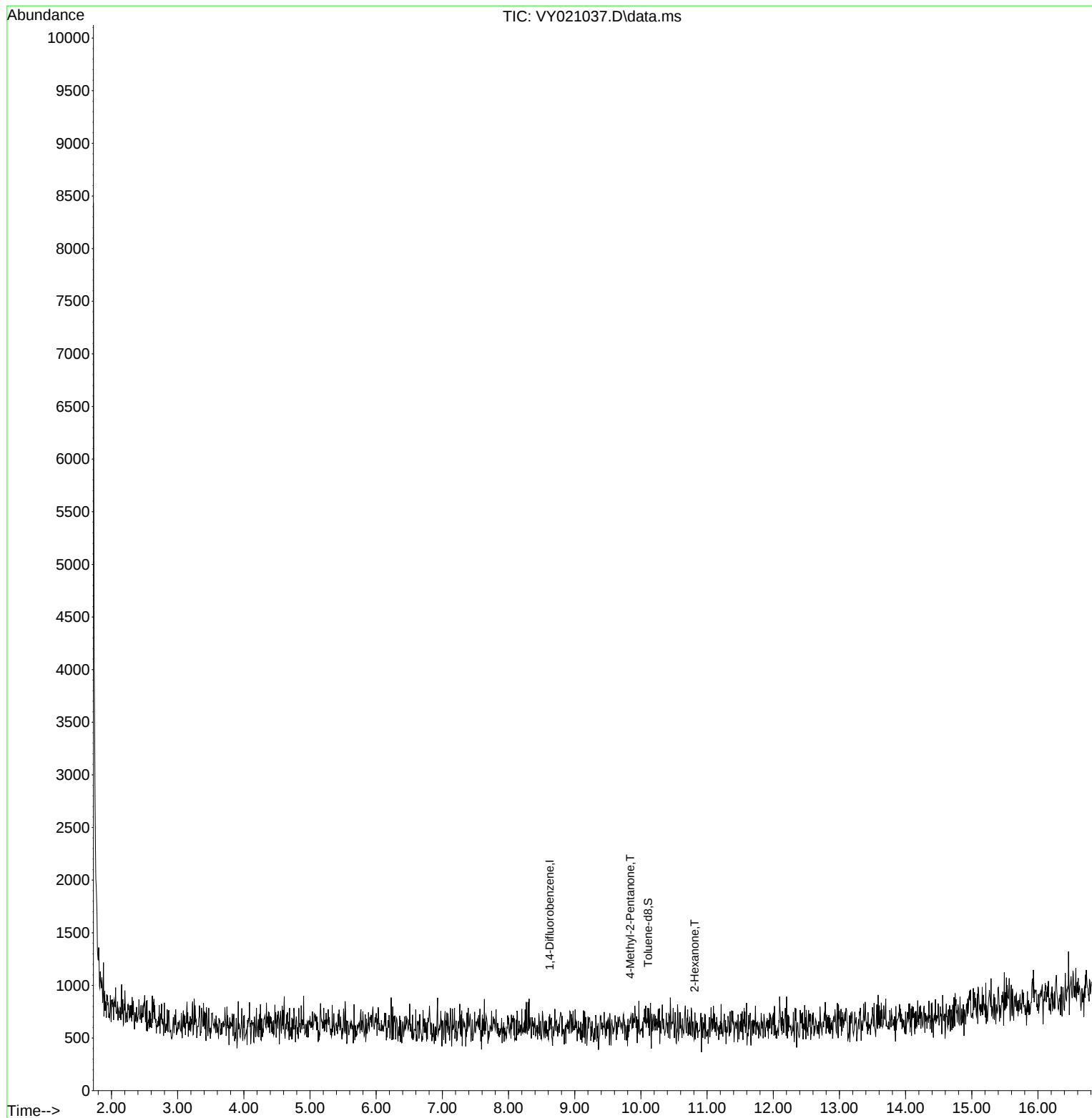
Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.71
34) 1,4-Difluorobenzene	8.622	114	27	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.42
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.109	98	57	86.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	173.060%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#
Target Compounds						Qvalue
51) 4-Methyl-2-Pentanone	9.841	43	19	169.122	ug/l #	35
59) 2-Hexanone	10.810	43	23	317.968	ug/l #	23

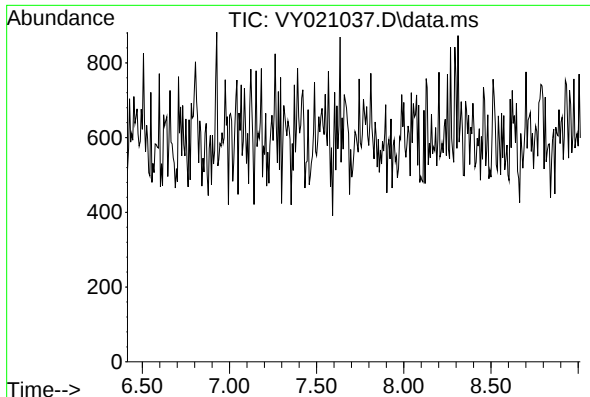
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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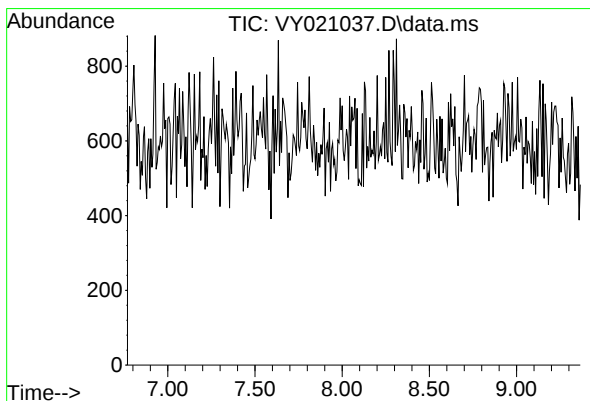
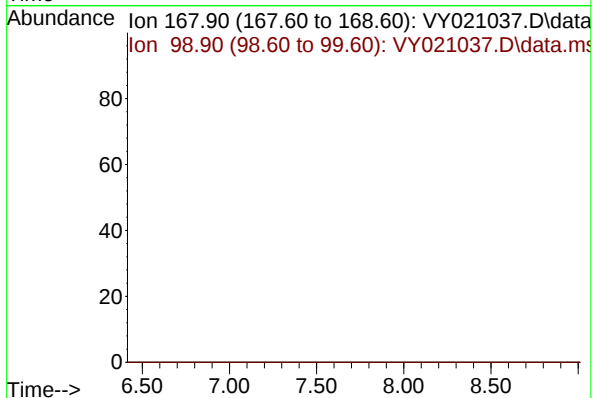


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.71 min

Lab File: VY021037.D
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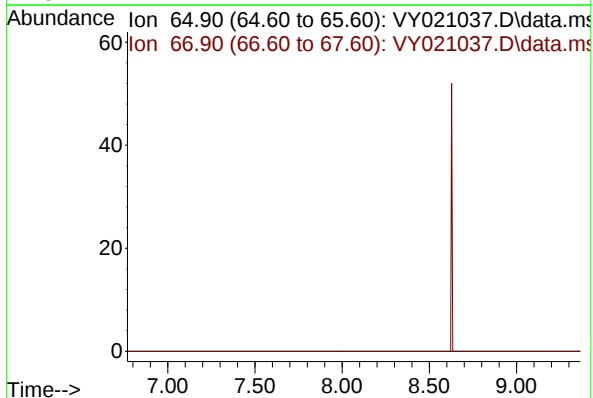
Tgt Ion: 168
Sig Exp Ratio
168 100
99 55.3

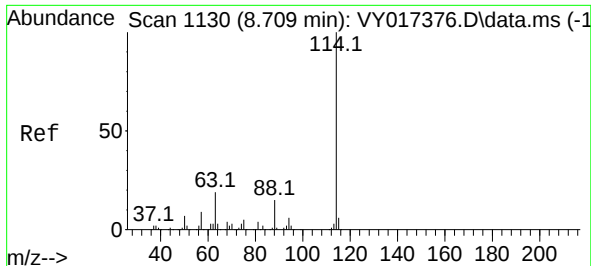


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.07 min

Lab File: VY021037.D
Acq: 03 Feb 2025 18:11

Tgt Ion: 65
Sig Exp Ratio
65 100
67 54.5





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 11

Delta R.T. -0.000 min

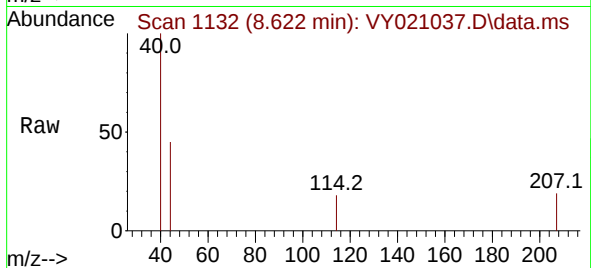
Lab File: VY021037.D

Acq: 03 Feb 2025 18:11

Instrument :

MSVOA_Y

ClientSampleId :



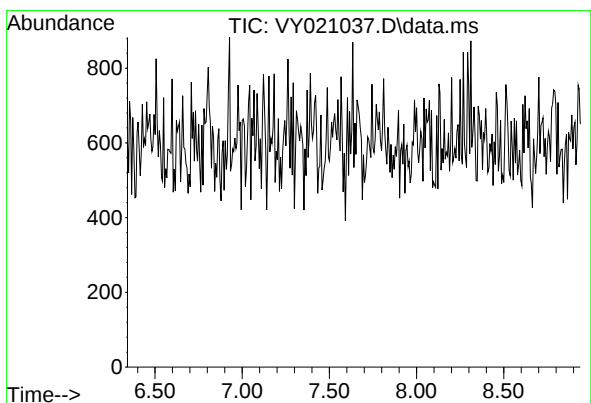
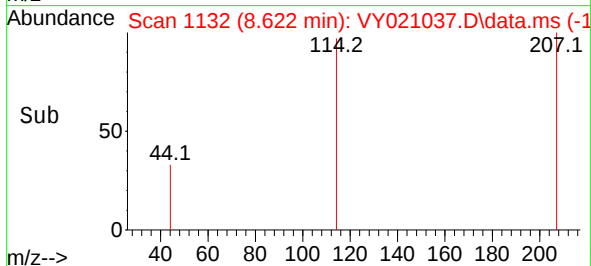
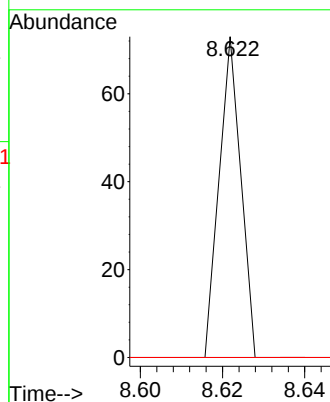
Tgt Ion:114 Resp: 27

Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.4

88 0.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.64 min

Lab File: VY021037.D

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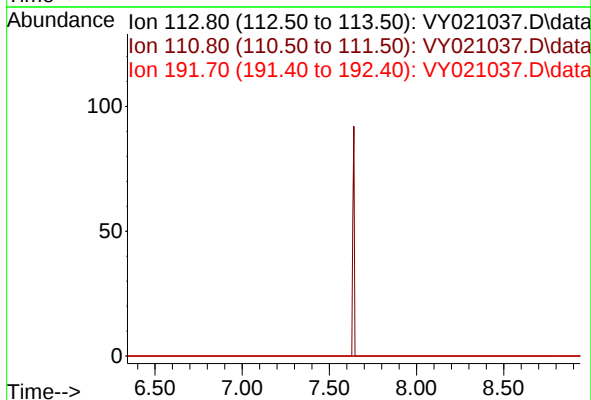
Tgt Ion: 113

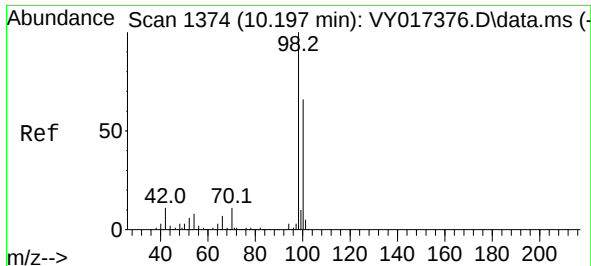
Sig Exp Ratio

113 100

111 104.7

192 18.1





#50

Toluene-d8

Concen: 86.527 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021037.D

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Instrument :

MSVOA_Y

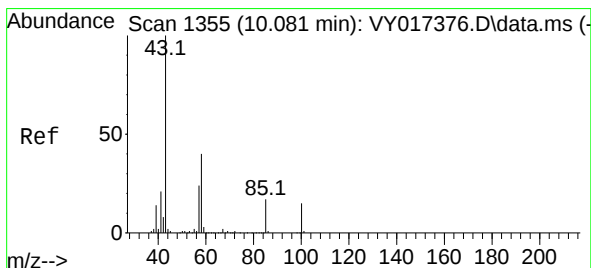
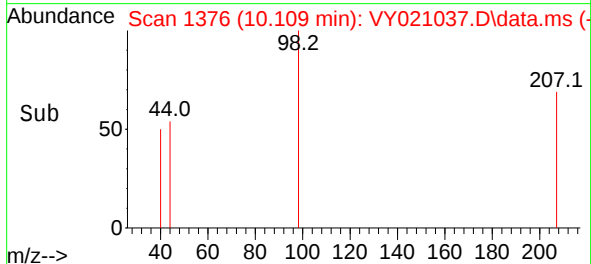
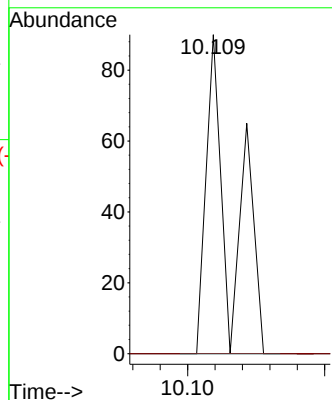
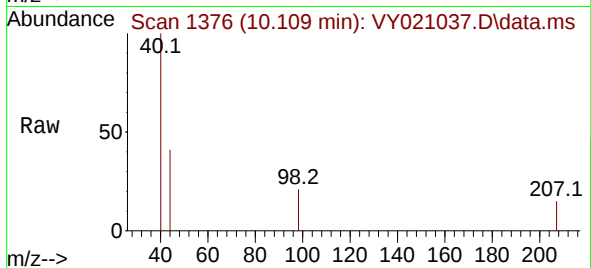
ClientSampleId :

Tgt Ion: 98 Resp: 57

Ion Ratio Lower Upper

98 100

100 0.0 52.3 78.5#



#51

4-Methyl-2-Pentanone

Concen: 169.122 ug/l

RT: 9.841 min Scan# 1332

Delta R.T. -0.159 min

Lab File: VY021037.D

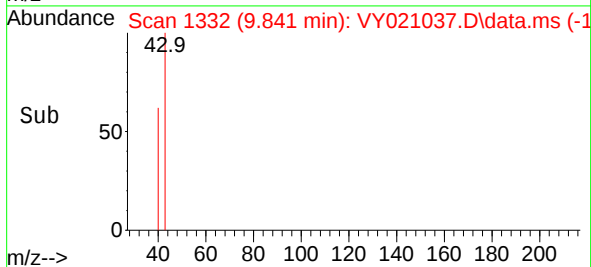
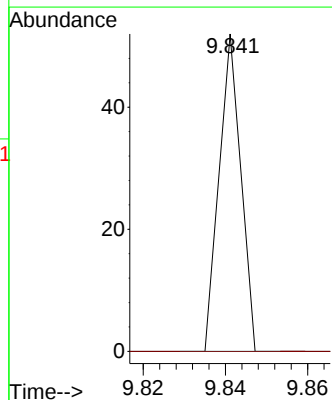
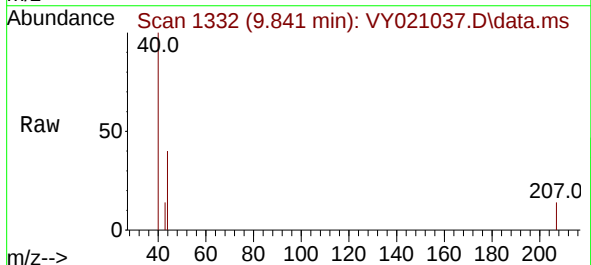
Acq: 03 Feb 2025 18:11

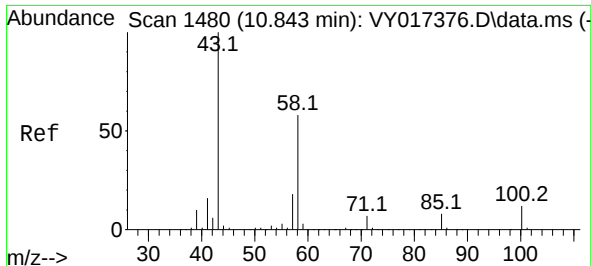
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

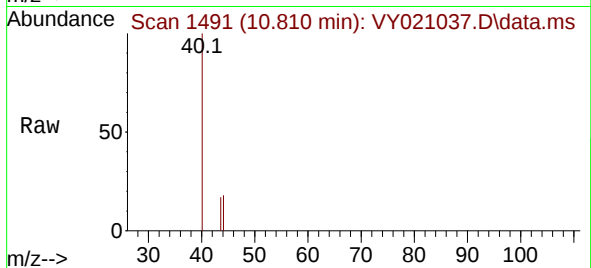
58 0.0 32.2 48.2#



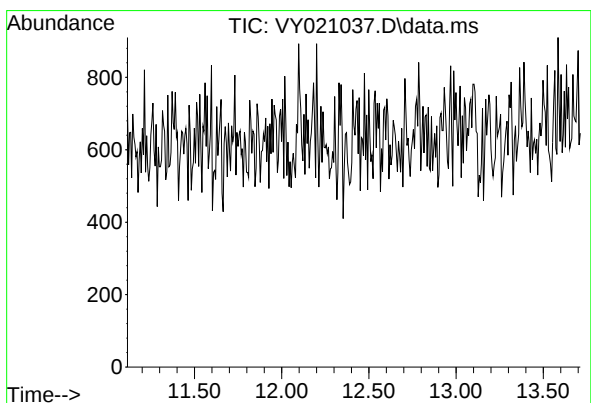
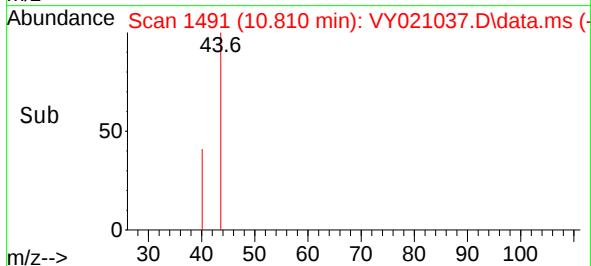
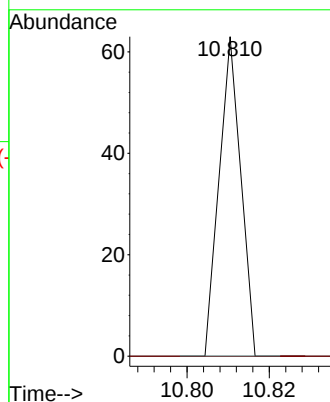


#59
2-Hexanone
Concen: 317.968 ug/l
RT: 10.810 min Scan# 14
Delta R.T. 0.043 min
Lab File: VY021037.D
Acq: 03 Feb 2025 18:11

Instrument :
MSVOA_Y
ClientSampleId :



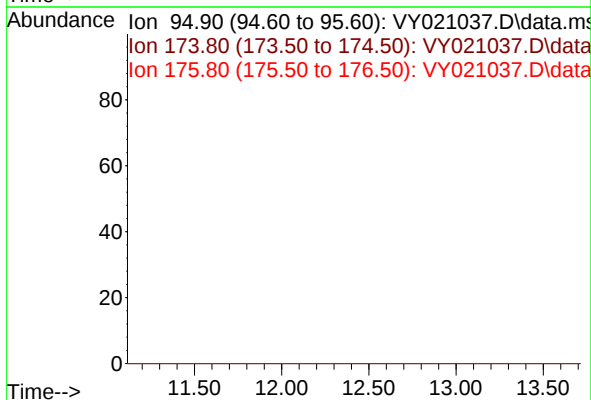
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.41 min

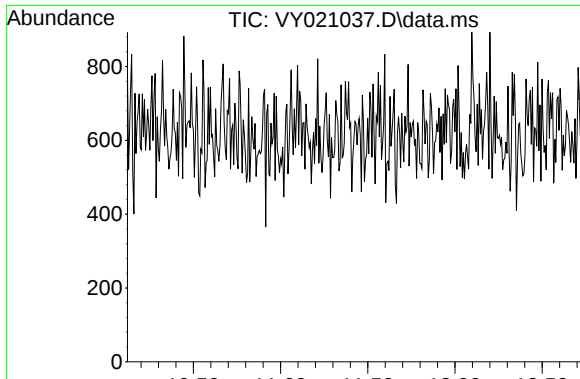
Lab File: VY021037.D
Acq: 03 Feb 2025 18:11

Tgt Ion: 95
Sig Exp Ratio
95 100
174 80.0
176 75.9



Ion 173.80 (173.50 to 174.50): VY021037.D\data.ms

Ion 175.80 (175.50 to 176.50): VY021037.D\data.ms

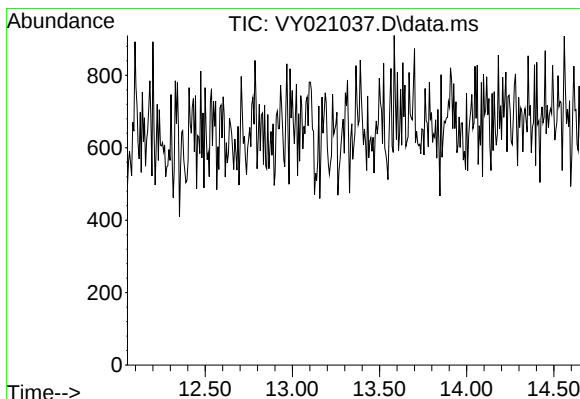
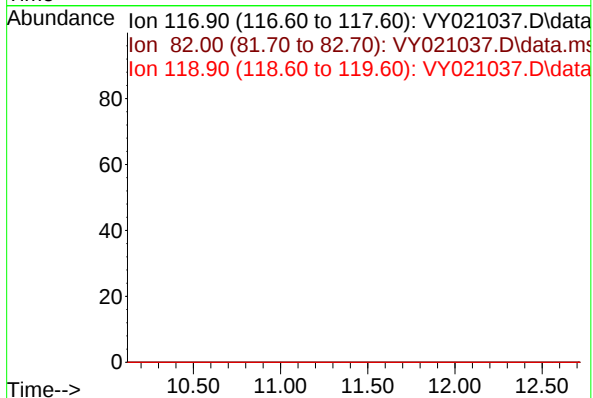


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.42 min

Lab File: VY021037.D
Acq: 03 Feb 2025 18:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 117	
Sig	Exp Ratio
117	100
82	54.8
119	33.1



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.35 min

Lab File: VY021037.D
Acq: 03 Feb 2025 18:11

Tgt Ion: 152	
Sig	Exp Ratio
152	100
115	60.0
150	172.3

