

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021008.D
 Acq On : 31 Jan 2025 14:25
 Operator : SY/MD
 Sample : Q1239-10
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 22:25:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

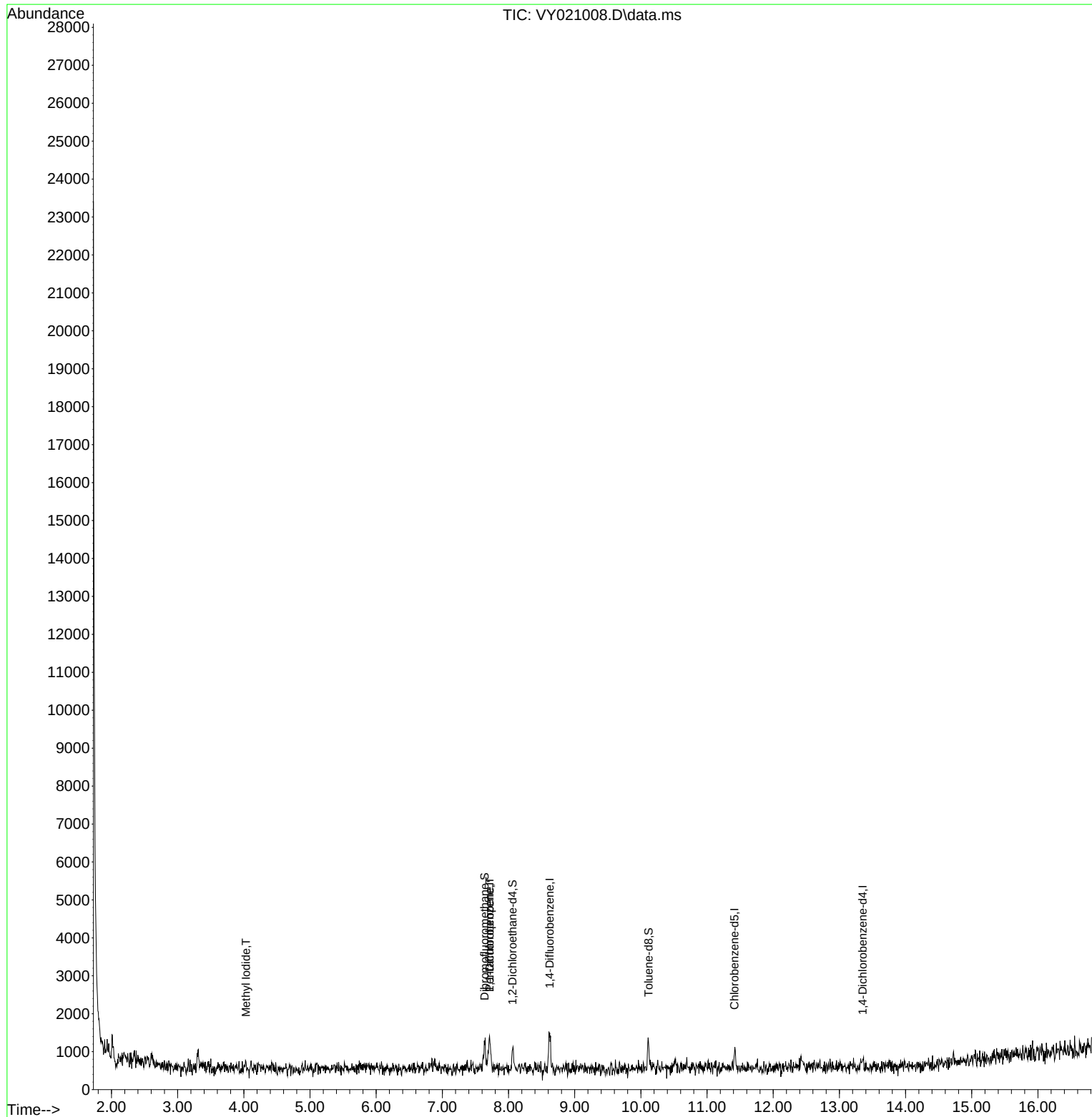
Internal Standards						
1) Pentafluorobenzene	7.713	168	1371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	1554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	478	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	190	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	469	40.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.360%
35) Dibromofluoromethane	7.640	113	660	70.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	141.300%
50) Toluene-d8	10.115	98	838	22.982	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	45.960%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.031	142	154	10.837	ug/l #	56
36) 1,1-Dichloropropene	7.713	75	20	1.501	ug/l #	41

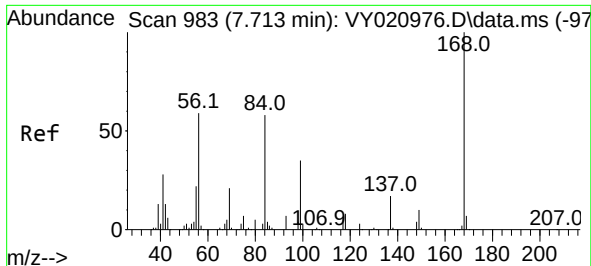
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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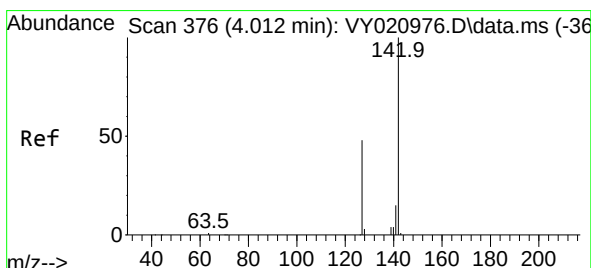
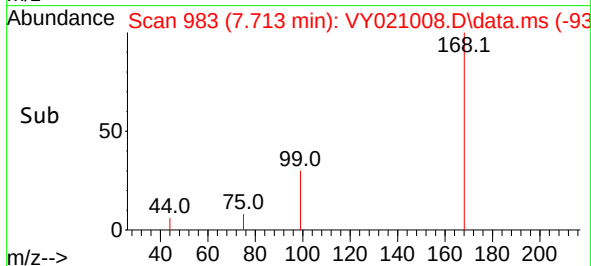
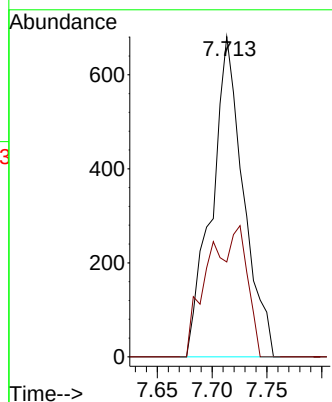
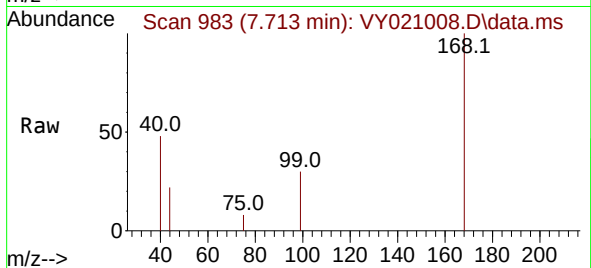




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

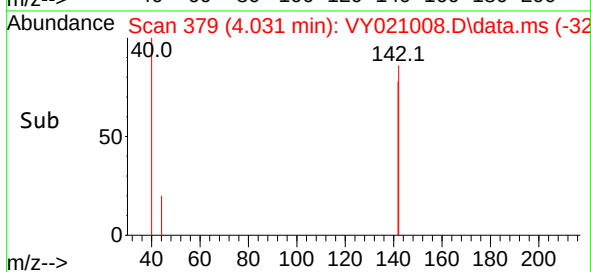
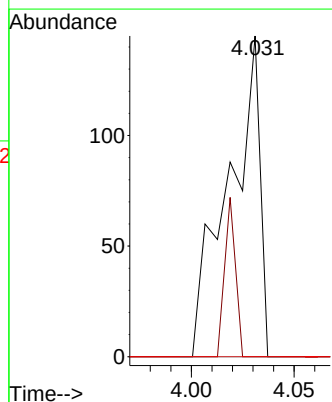
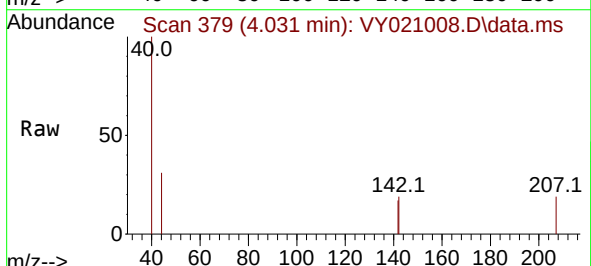
Instrument :
MSVOA_Y
ClientSampleId :

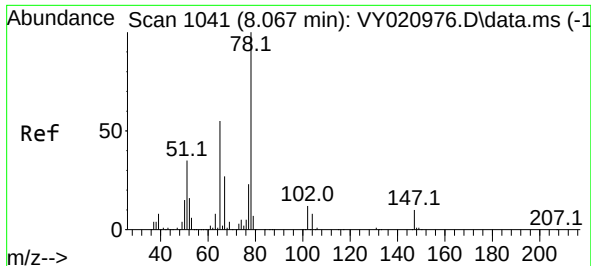
Tgt Ion:168 Resp: 1371
Ion Ratio Lower Upper
168 100
99 29.7 42.2 63.2#



#10
Methyl Iodide
Concen: 10.837 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.019 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

Tgt Ion:142 Resp: 154
Ion Ratio Lower Upper
142 100
127 16.9 38.9 58.3#
141 0.0 11.7 17.5#





#33

1,2-Dichloroethane-d4

Concen: 40.179 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

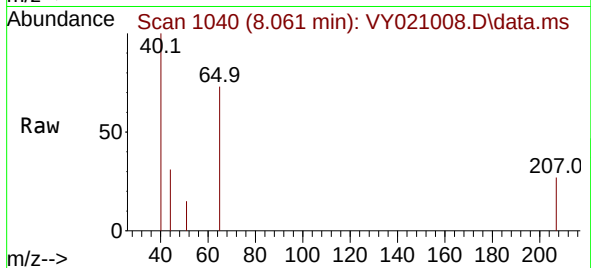
Lab File: VY021008.D

Acq: 31 Jan 2025 14:25

Instrument :

MSVOA_Y

ClientSampleId :

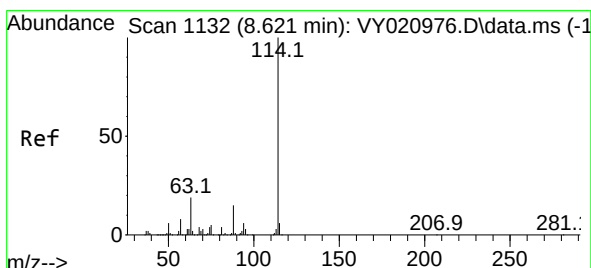
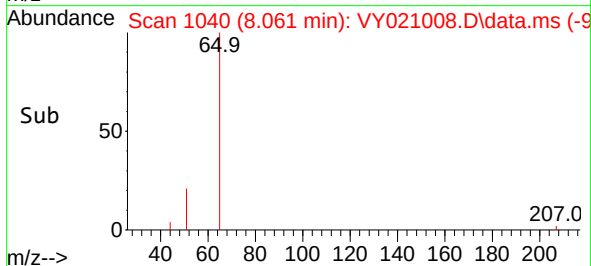
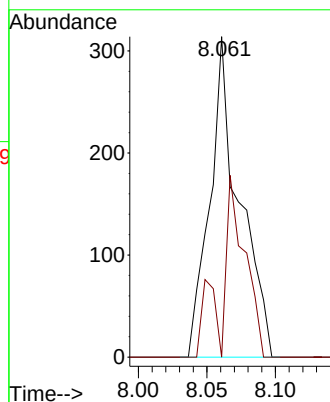


Tgt Ion: 65 Resp: 469

Ion Ratio Lower Upper

65 100

67 46.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021008.D

Acq: 31 Jan 2025 14:25

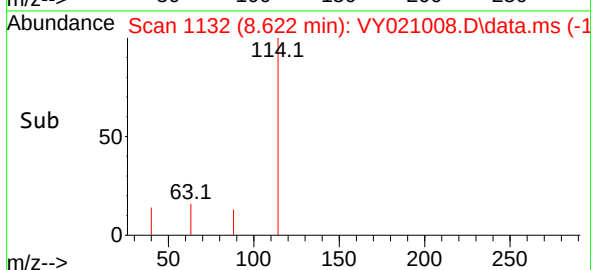
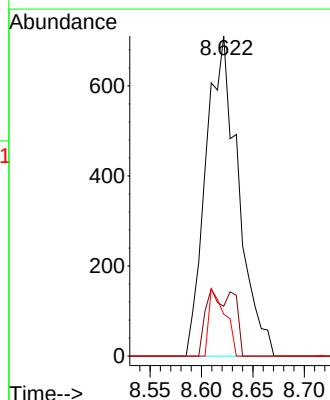
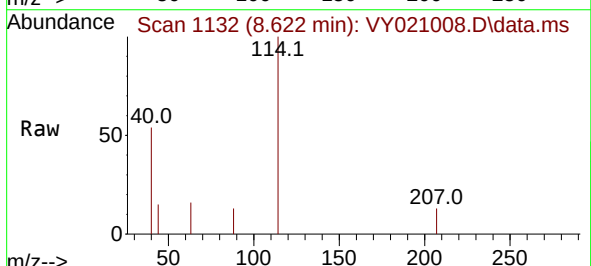
Tgt Ion: 114 Resp: 1554

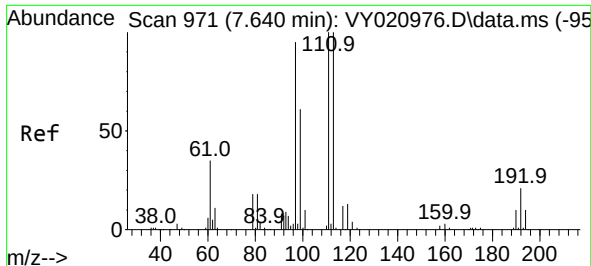
Ion Ratio Lower Upper

114 100

63 15.6 0.0 37.2

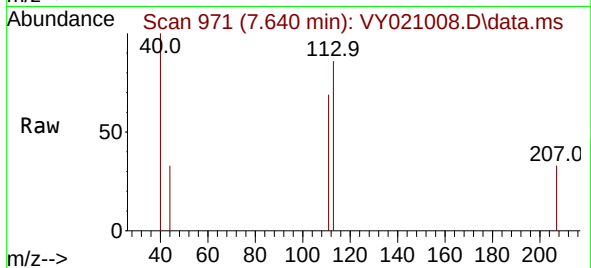
88 13.1 0.0 29.6



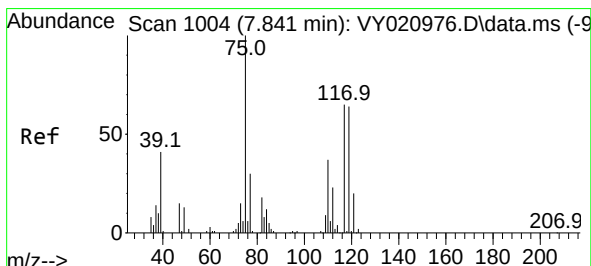
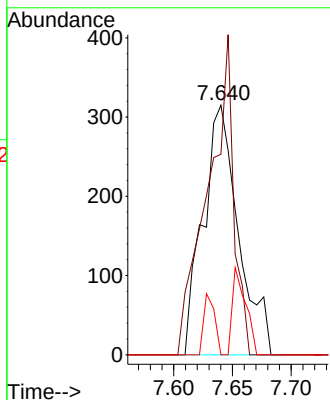
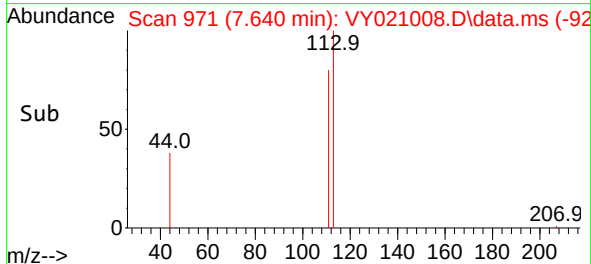


#35
Dibromofluoromethane
Concen: 70.646 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

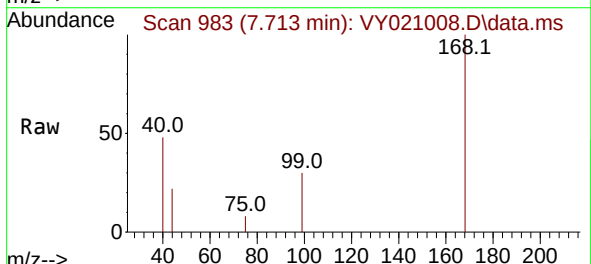
Instrument :
MSVOA_Y
ClientSampleId :



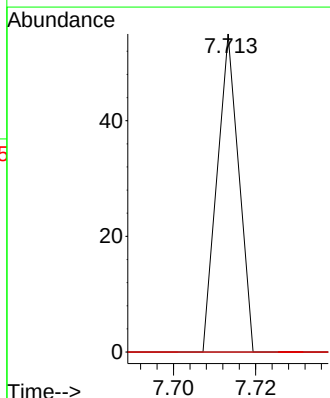
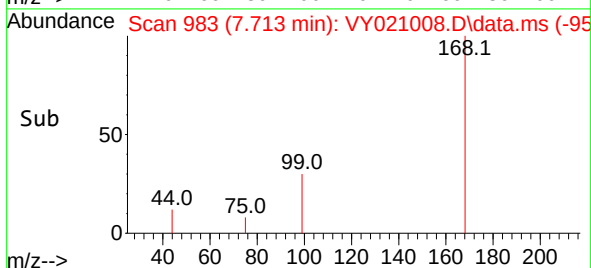
Tgt Ion:113 Resp: 660
Ion Ratio Lower Upper
113 100
111 92.9 82.6 123.8
192 13.2 16.8 25.2#

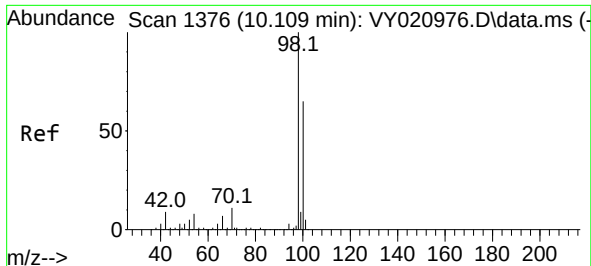


#36
1,1-Dichloropropene
Concen: 1.501 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25



Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
110 0.0 18.4 55.2#
77 0.0 24.9 37.3#

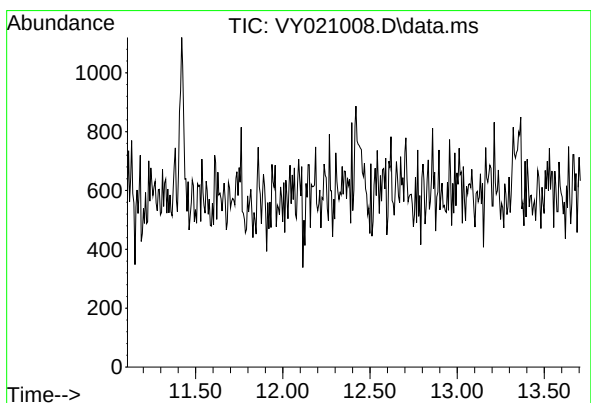
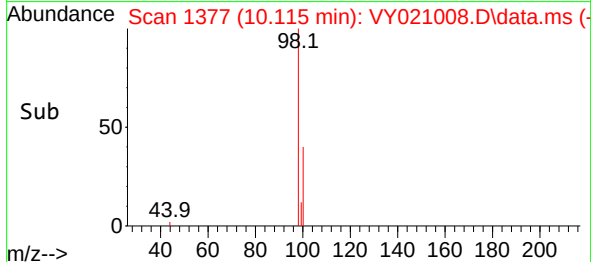
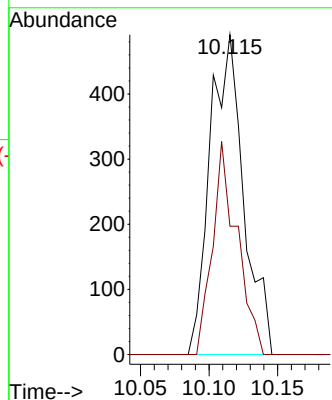
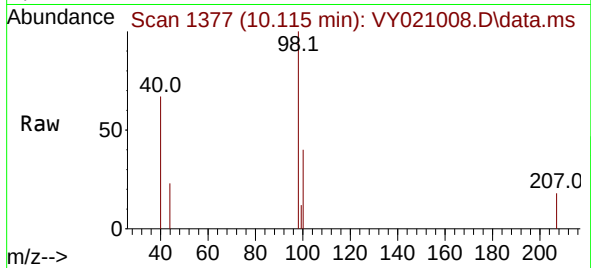




#50
Toluene-d8
Concen: 22.982 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

Instrument :
MSVOA_Y
ClientSampleId :

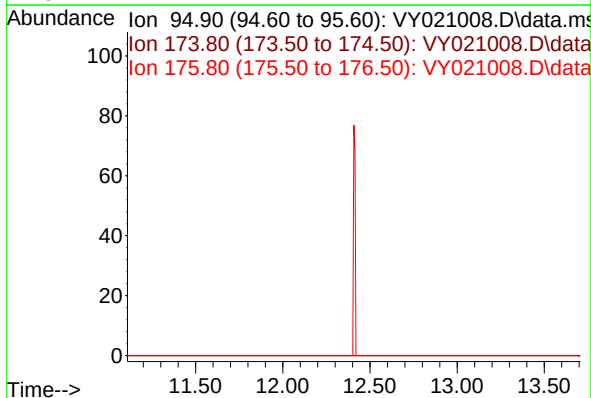
Tgt Ion: 98 Resp: 838
Ion Ratio Lower Upper
98 100
100 48.4 52.6 79.0#

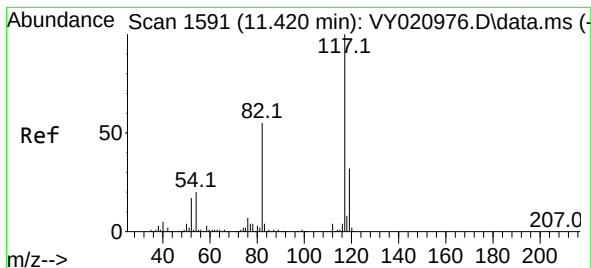


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.41 min

Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

Tgt Ion: 95
Sig Exp Ratio
95 100
174 90.6
176 87.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

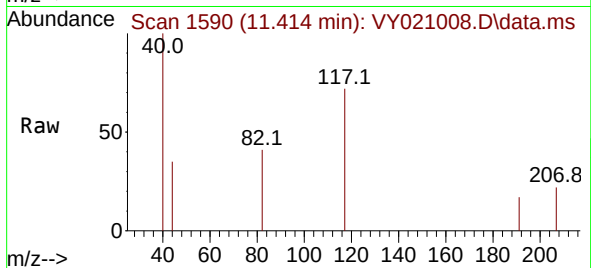
Lab File: VY021008.D

Acq: 31 Jan 2025 14:25

Instrument :

MSVOA_Y

ClientSampleId :



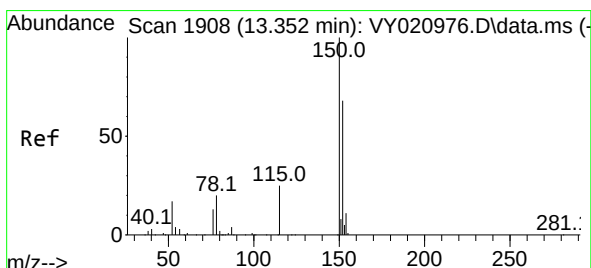
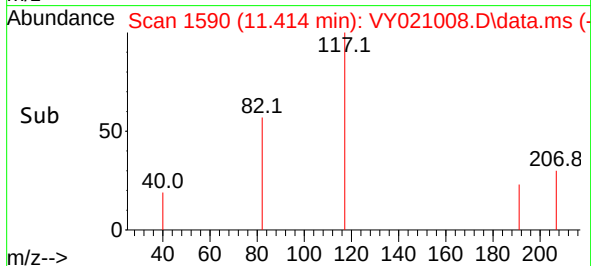
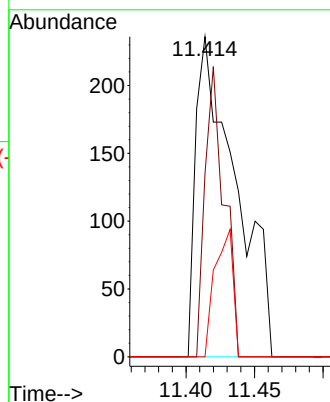
Tgt Ion:117 Resp: 478

Ion Ratio Lower Upper

117 100

82 57.2 44.2 66.2

119 0.0 25.9 38.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021008.D

Acq: 31 Jan 2025 14:25

Tgt Ion:152 Resp: 190

Ion Ratio Lower Upper

152 100

115 0.0 28.4 85.2#

150 79.5 0.0 342.8

