

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020856.D
 Acq On : 17 Jan 2025 15:33
 Operator : SY/MD
 Sample : Q1099-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 23:27:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

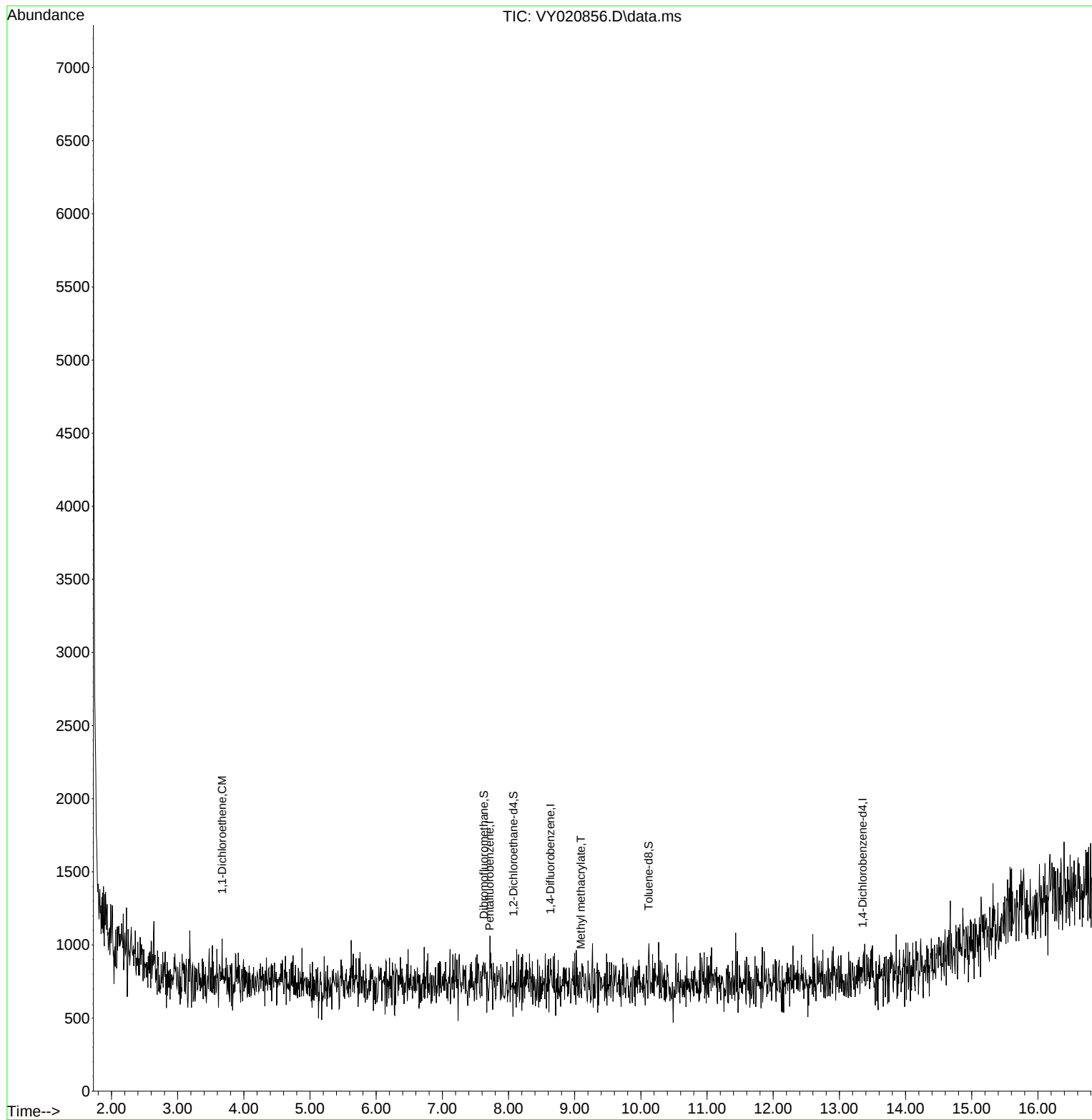
Internal Standards						
1) Pentafluorobenzene	7.713	168	160	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.634	114	211	50.000	ug/l	0.01
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.42
72) 1,4-Dichlorobenzene-d4	13.353	152	33	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	36	26.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	52.940%
35) Dibromofluoromethane	7.628	113	137	103.639	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	207.280%#
50) Toluene-d8	10.115	98	117	25.390	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	50.780%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.671	96	27	21.639	ug/l #	1
48) Methyl methacrylate	9.091	41	22	35.958	ug/l #	9

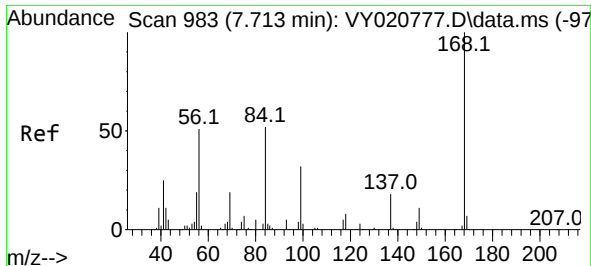
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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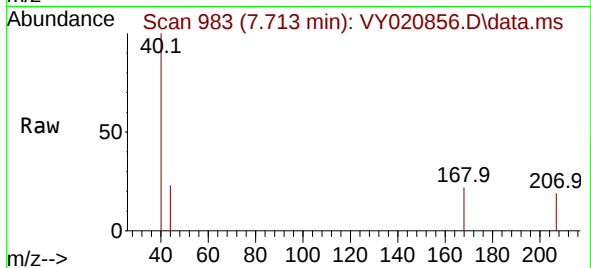
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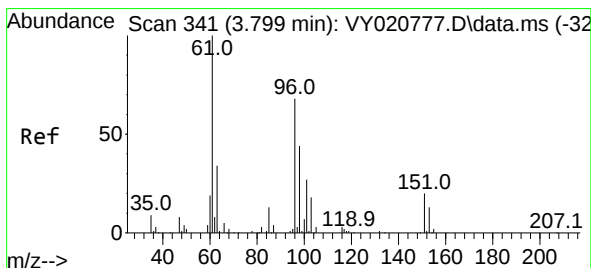
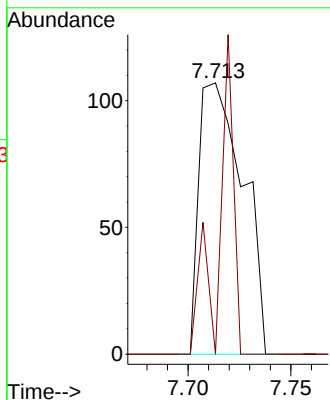
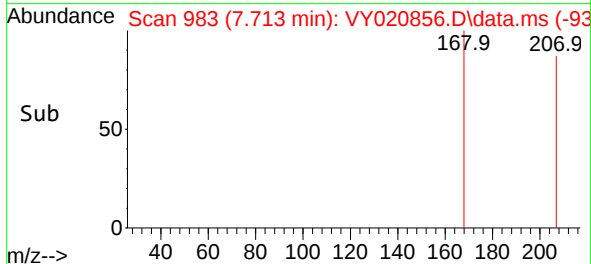


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020856.D
Acq: 17 Jan 2025 15:33

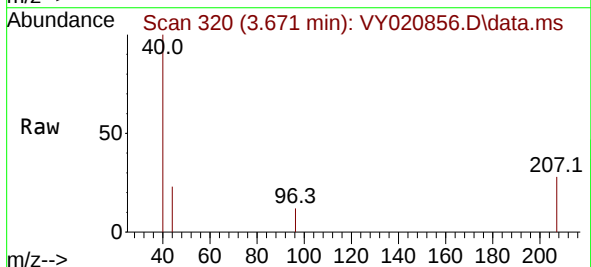
Instrument :
MSVOA_Y
ClientSampleId :



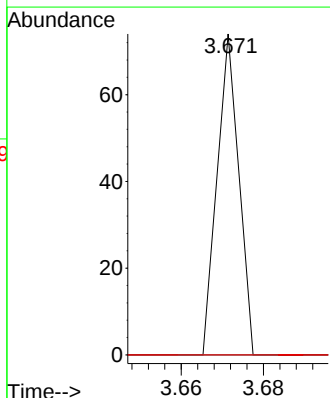
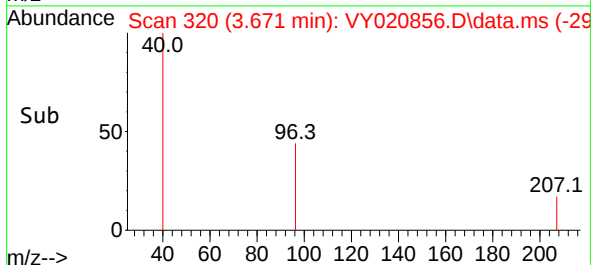
Tgt Ion:168 Resp: 160
Ion Ratio Lower Upper
168 100
99 0.0 44.3 66.5#

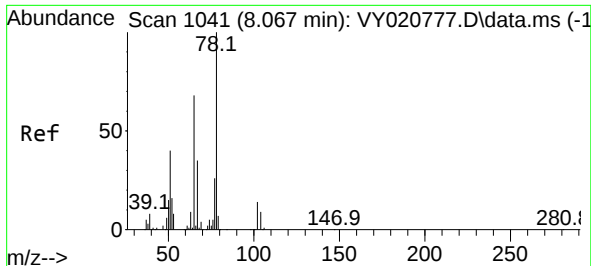


#12
1,1-Dichloroethene
Concen: 21.639 ug/l
RT: 3.671 min Scan# 320
Delta R.T. -0.128 min
Lab File: VY020856.D
Acq: 17 Jan 2025 15:33



Tgt Ion: 96 Resp: 27
Ion Ratio Lower Upper
96 100
61 0.0 117.8 176.8#
98 0.0 51.9 77.9#





#33

1,2-Dichloroethane-d4

Concen: 26.472 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020856.D

Acq: 17 Jan 2025 15:33

Instrument :

MSVOA_Y

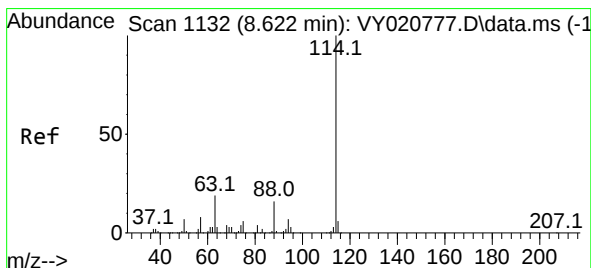
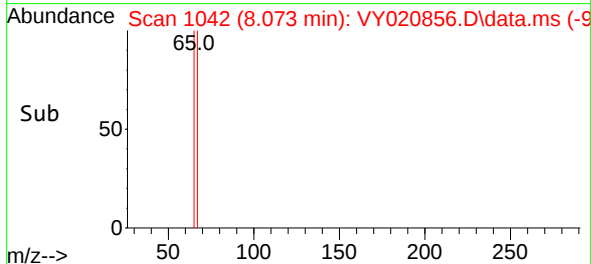
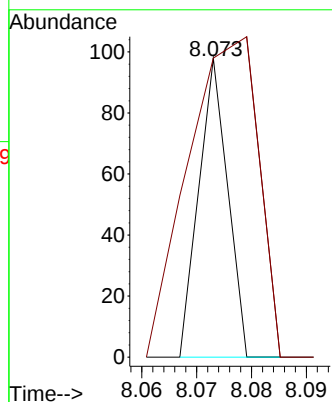
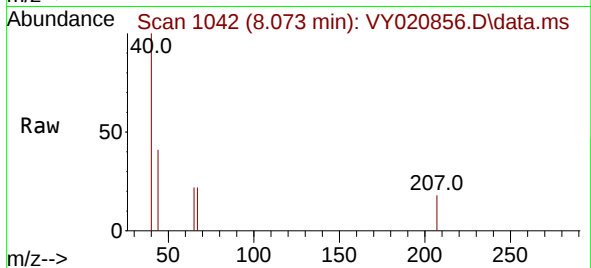
ClientSampleId :

Tgt Ion: 65 Resp: 36

Ion Ratio Lower Upper

65 100

67 261.1 0.0 102.8#



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. 0.012 min

Lab File: VY020856.D

Acq: 17 Jan 2025 15:33

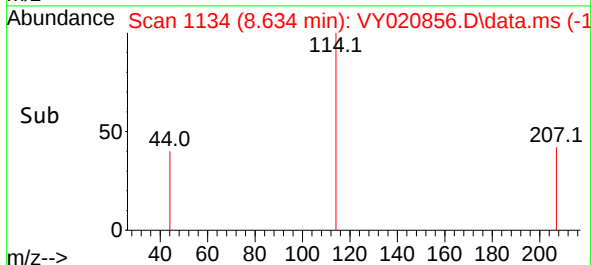
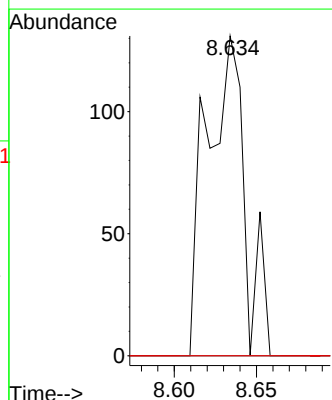
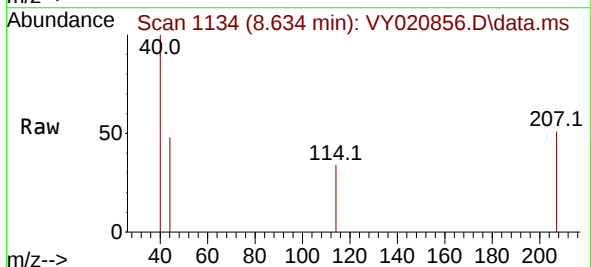
Tgt Ion: 114 Resp: 211

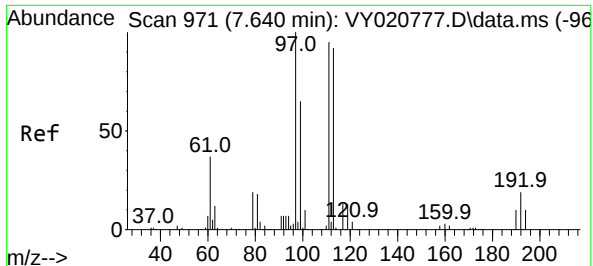
Ion Ratio Lower Upper

114 100

63 0.0 0.0 38.4

88 0.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 103.639 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

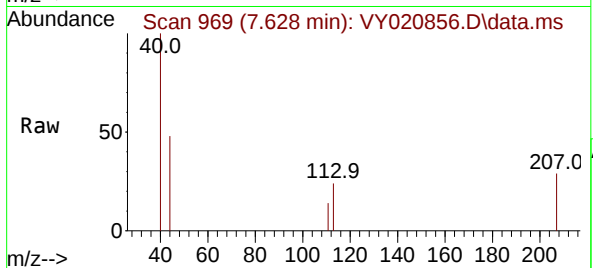
Lab File: VY020856.D

Acq: 17 Jan 2025 15:33

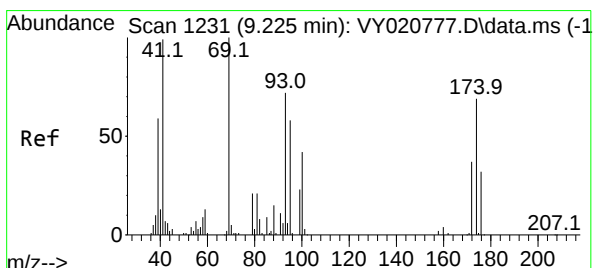
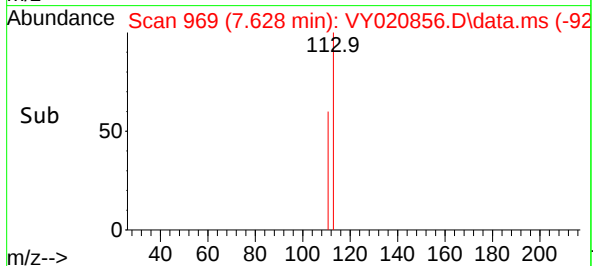
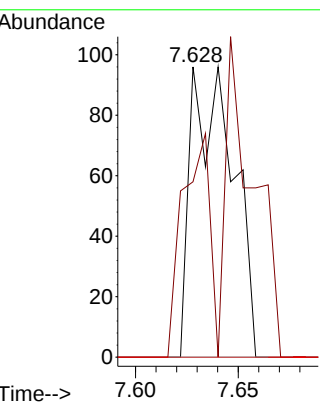
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	137
Ion	Ratio	Lower	Upper
113	100		
111	49.6	81.7	122.5#
192	0.0	16.7	25.1#



#48

Methyl methacrylate

Concen: 35.958 ug/l

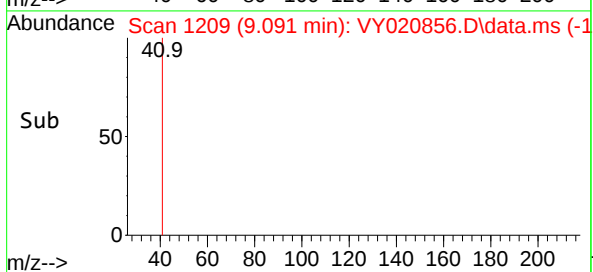
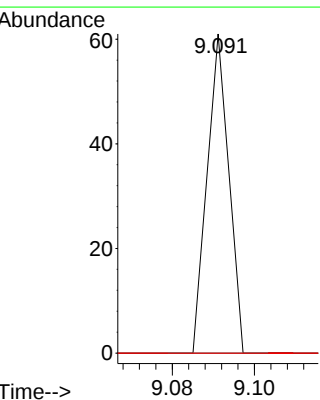
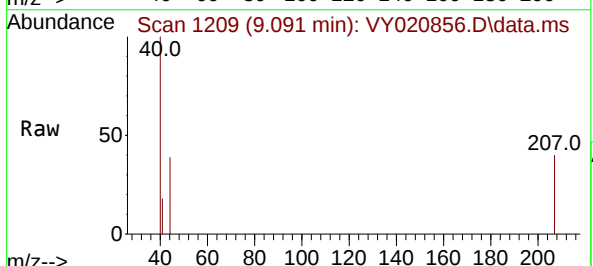
RT: 9.091 min Scan# 1209

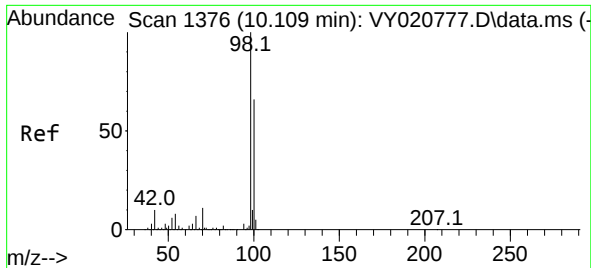
Delta R.T. -0.134 min

Lab File: VY020856.D

Acq: 17 Jan 2025 15:33

Tgt Ion:	41	Resp:	22
Ion	Ratio	Lower	Upper
41	100		
69	0.0	78.9	118.3#
39	0.0	44.6	67.0#

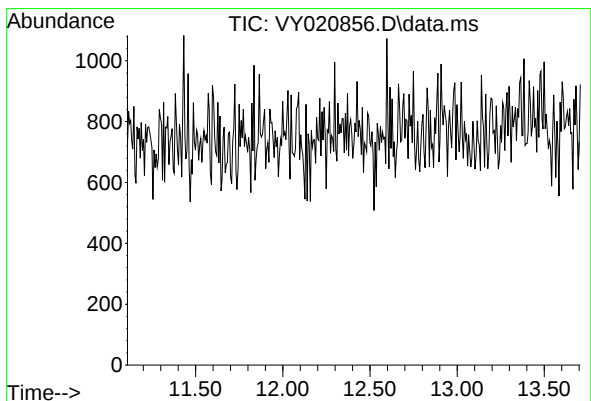
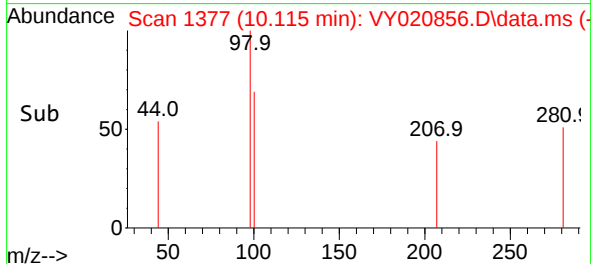
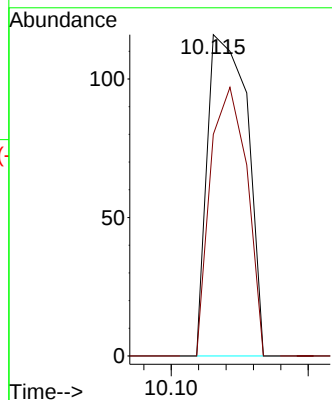
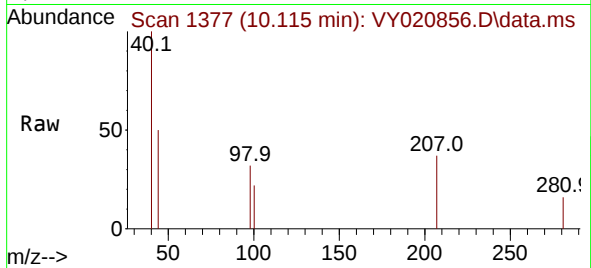




#50
Toluene-d8
Concen: 25.390 ug/l
RT: 10.115 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY020856.D
Acq: 17 Jan 2025 15:33

Instrument :
MSVOA_Y
ClientSampleId :

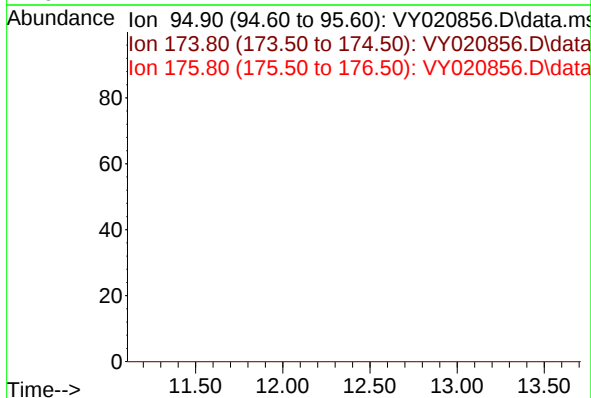
Tgt Ion: 98 Resp: 117
Ion Ratio Lower Upper
98 100
100 76.9 52.5 78.7

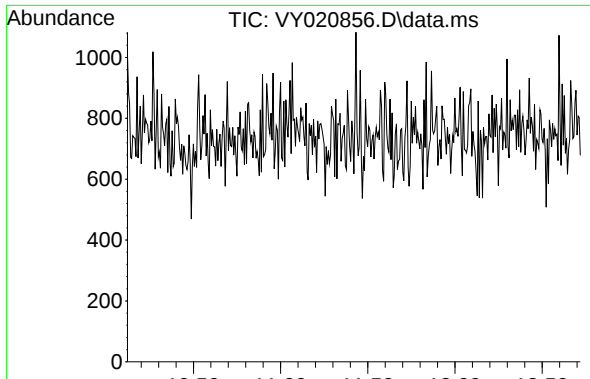


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.41 min

Lab File: VY020856.D
Acq: 17 Jan 2025 15:33

Tgt Ion: 95
Sig Exp Ratio
95 100
174 89.0
176 86.0



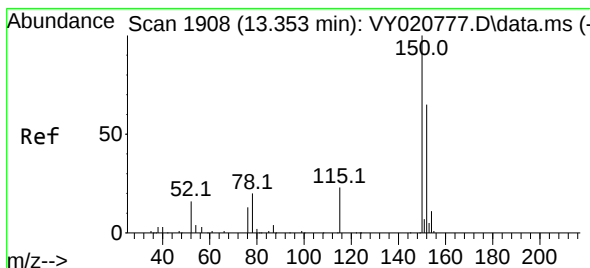
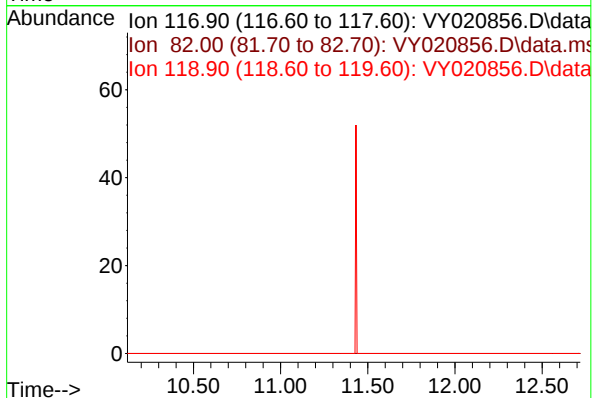


#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 11.42 min
 Lab File: VY020856.D
 Acq: 17 Jan 2025 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	52.2
119	32.3



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY020856.D
 Acq: 17 Jan 2025 15:33

Tgt Ion: 152 Resp: 33

Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.0	87.0
150	157.6	0.0	347.4

