

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086123.D
 Acq On : 26 Mar 2025 13:59
 Operator : JC\MD
 Sample : Q1619-05
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Mar 27 02:21:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

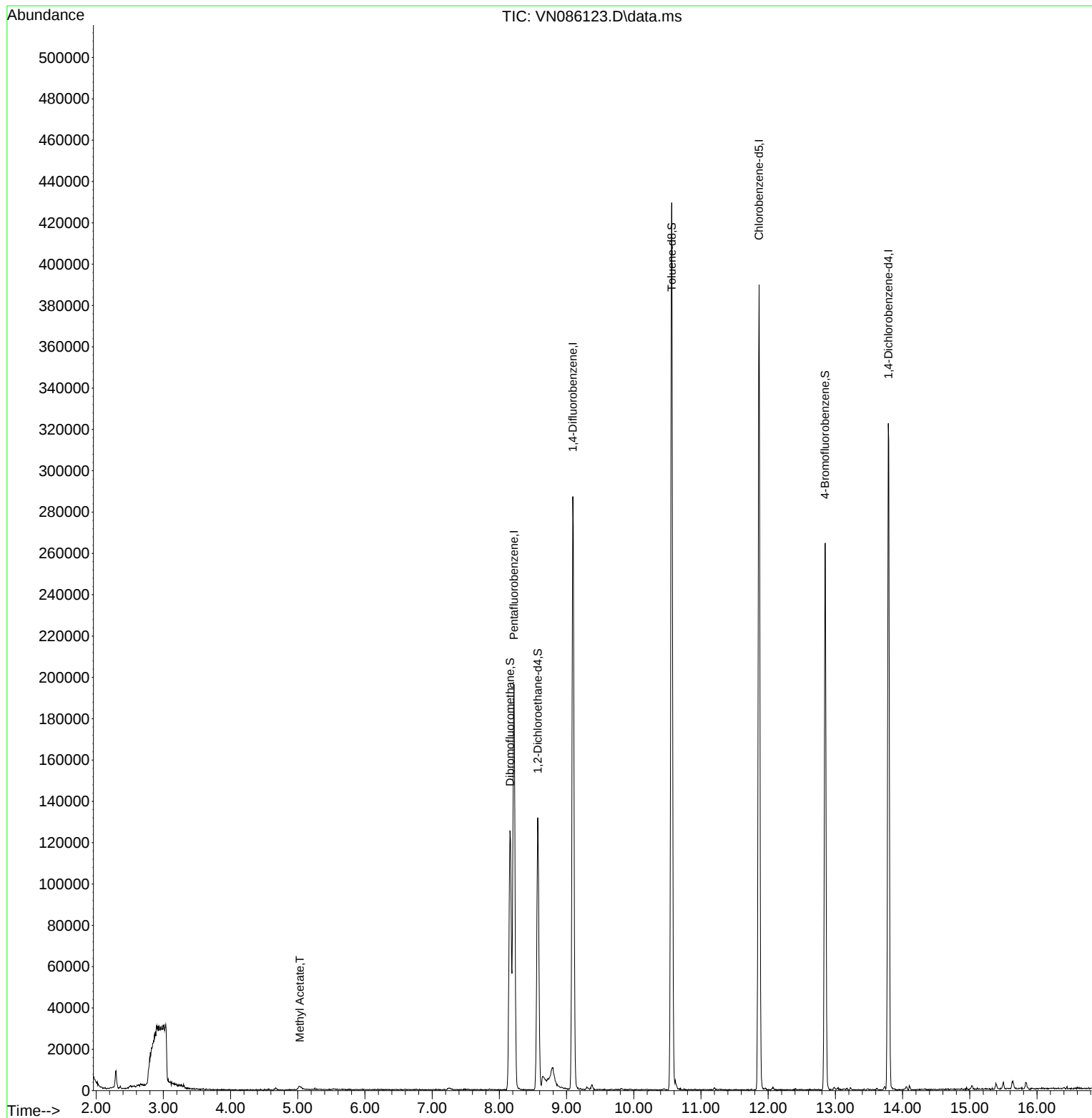
Internal Standards						
1) Pentafluorobenzene	8.218	168	142851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	251246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	106181	54.282	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.560%	
35) Dibromofluoromethane	8.159	113	93829	53.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.000%	
50) Toluene-d8	10.565	98	306566	48.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.340%	
62) 4-Bromofluorobenzene	12.847	95	92496	40.751	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 81.500%	
Target Compounds						
						Qvalue
18) Methyl Acetate	5.030	43	3780	2.556	ug/l	# 81

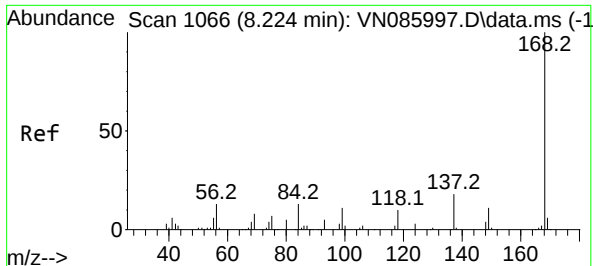
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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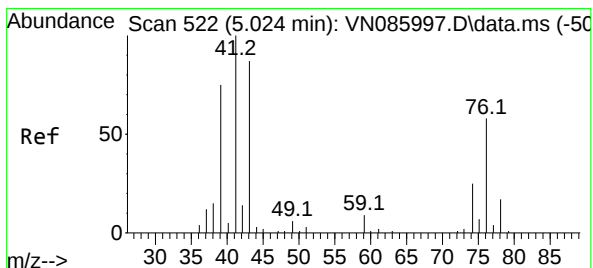
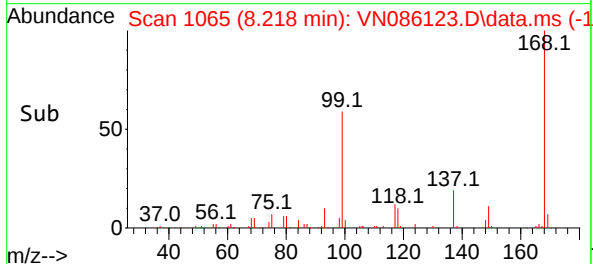
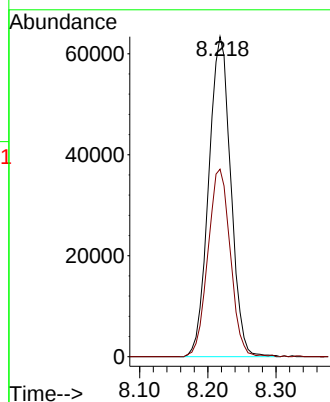
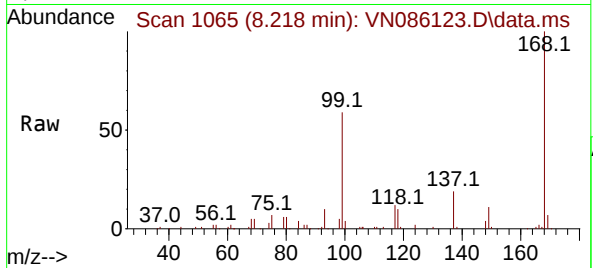




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

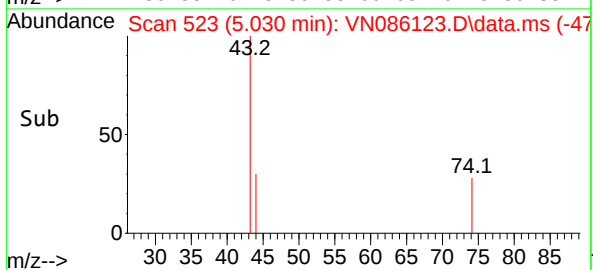
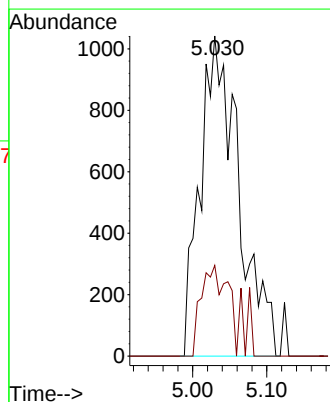
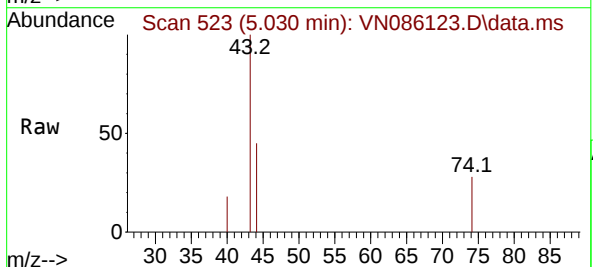
Instrument :
MSVOA_N
ClientSampleId :
TP-1

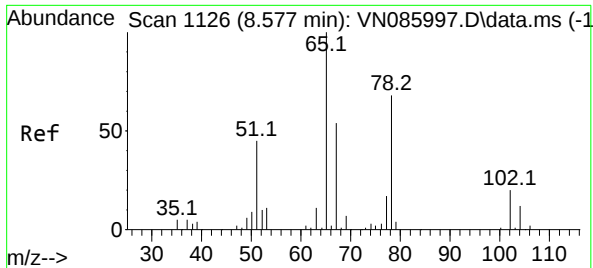
Tgt Ion:168 Resp: 142851
Ion Ratio Lower Upper
168 100
99 58.6 49.4 74.2



#18
Methyl Acetate
Concen: 2.556 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion: 43 Resp: 3780
Ion Ratio Lower Upper
43 100
74 19.4 23.9 35.9#

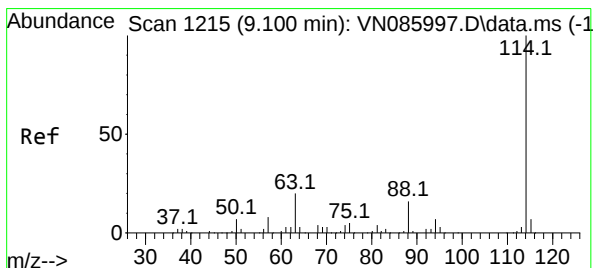
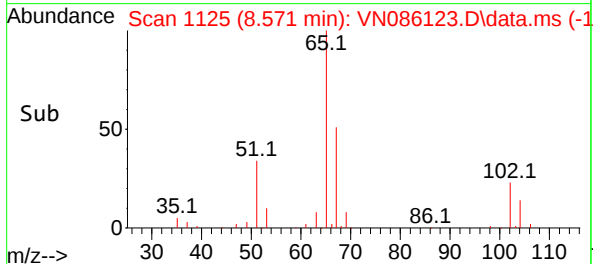
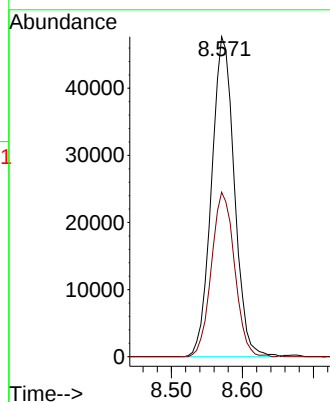
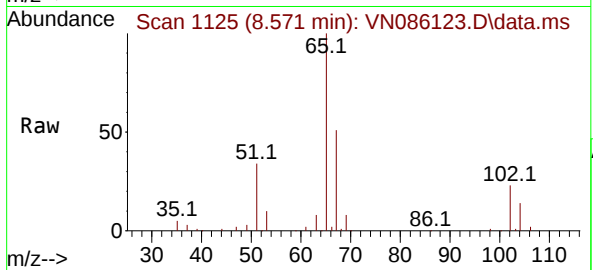




#33
1,2-Dichloroethane-d4
Concen: 54.282 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

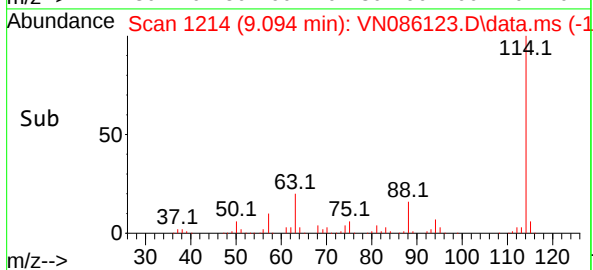
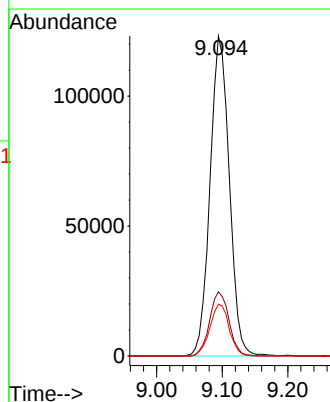
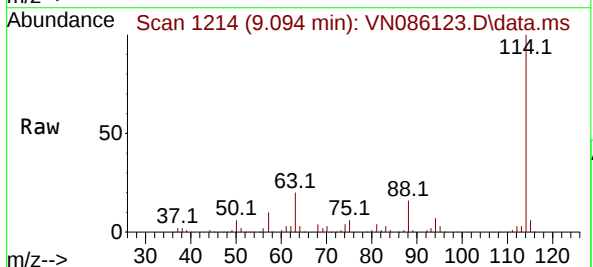
Instrument :
MSVOA_N
ClientSampleId :
TP-1

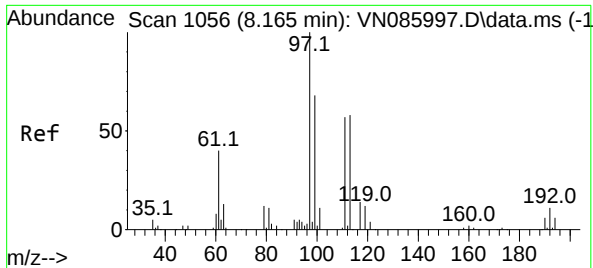
Tgt Ion: 65 Resp: 106181
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

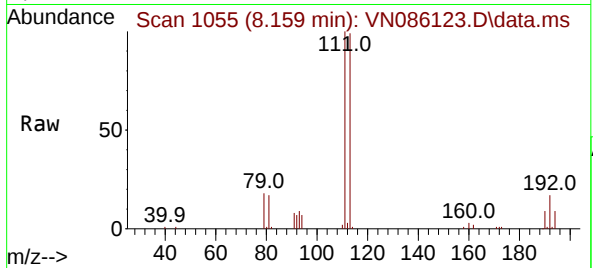
Tgt Ion: 114 Resp: 251246
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.6
88 16.2 0.0 32.6



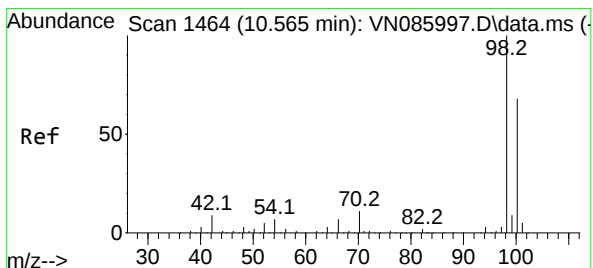
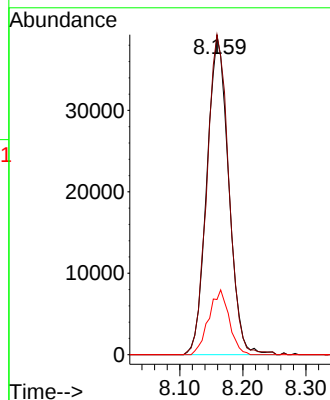
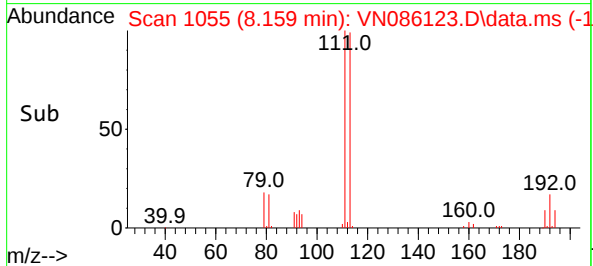


#35
 Dibromofluoromethane
 Concen: 53.504 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN086123.D
 Acq: 26 Mar 2025 13:59

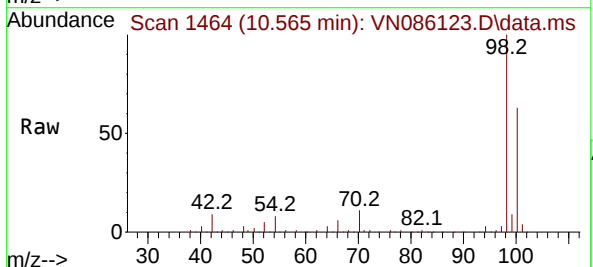
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1



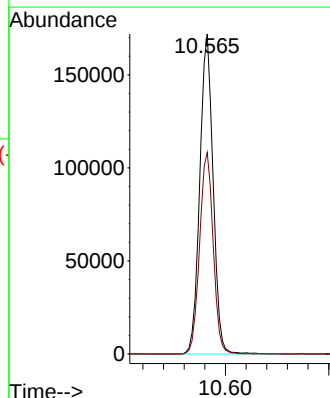
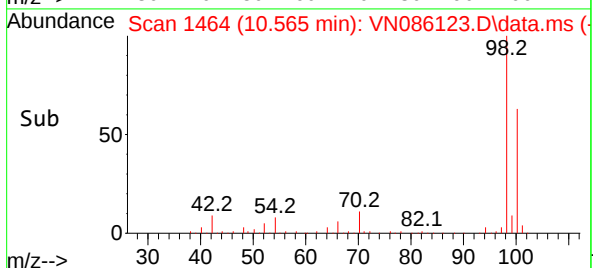
Tgt Ion:113 Resp: 93829
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.8 122.8
 192 19.1 15.9 23.9

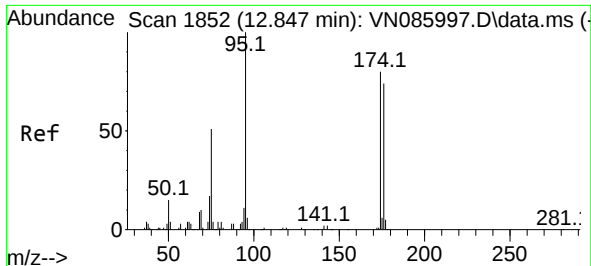


#50
 Toluene-d8
 Concen: 48.167 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN086123.D
 Acq: 26 Mar 2025 13:59



Tgt Ion: 98 Resp: 306566
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.1 79.7

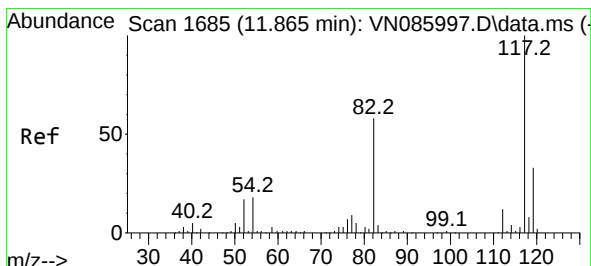
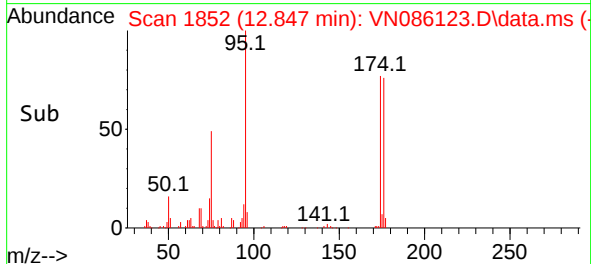
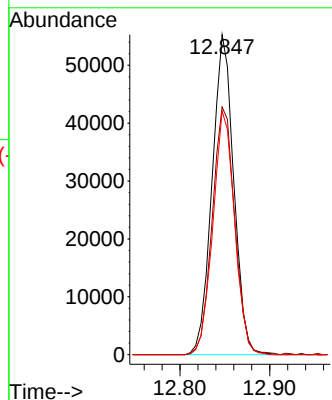
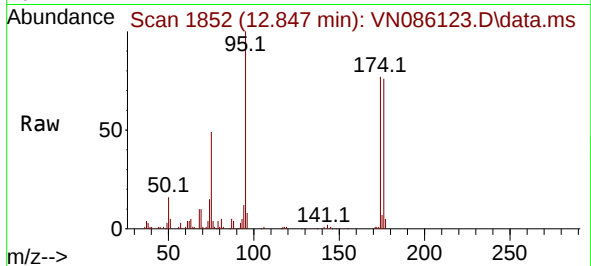




#62
4-Bromofluorobenzene
Concen: 40.751 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

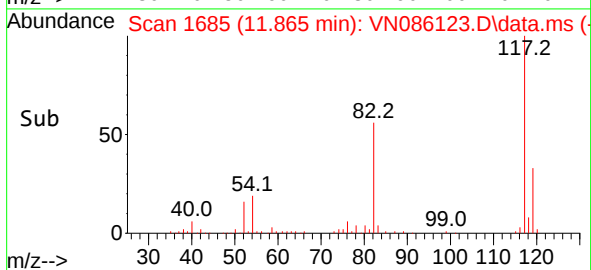
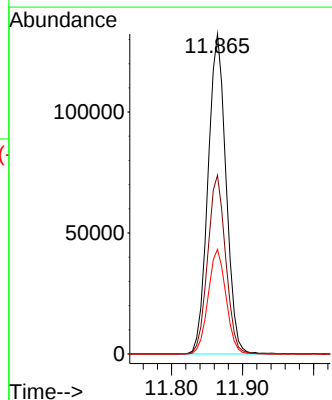
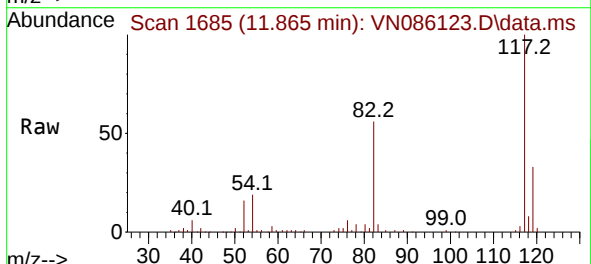
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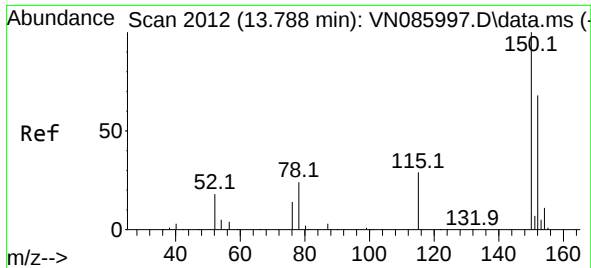
Tgt Ion:	95	Resp:	92496
Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	156.8
176	76.4	0.0	152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion:	117	Resp:	233145
Ion	Ratio	Lower	Upper
117	100		
82	55.8	46.7	70.1
119	32.7	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN086123.D

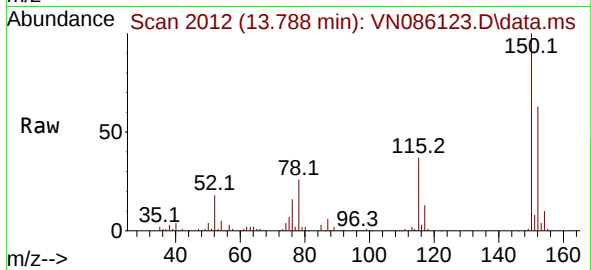
Acq: 26 Mar 2025 13:59

Instrument :

MSVOA_N

ClientSampleId :

TP-1



Tgt Ion:152 Resp: 94660

Ion Ratio Lower Upper

152 100

115 60.2 31.1 93.2

150 157.2 0.0 359.6

