

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086741.D
 Acq On : 21 May 2025 19:06
 Operator : JC\MD
 Sample : Q2095-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TP1

Quant Time: May 22 01:29:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

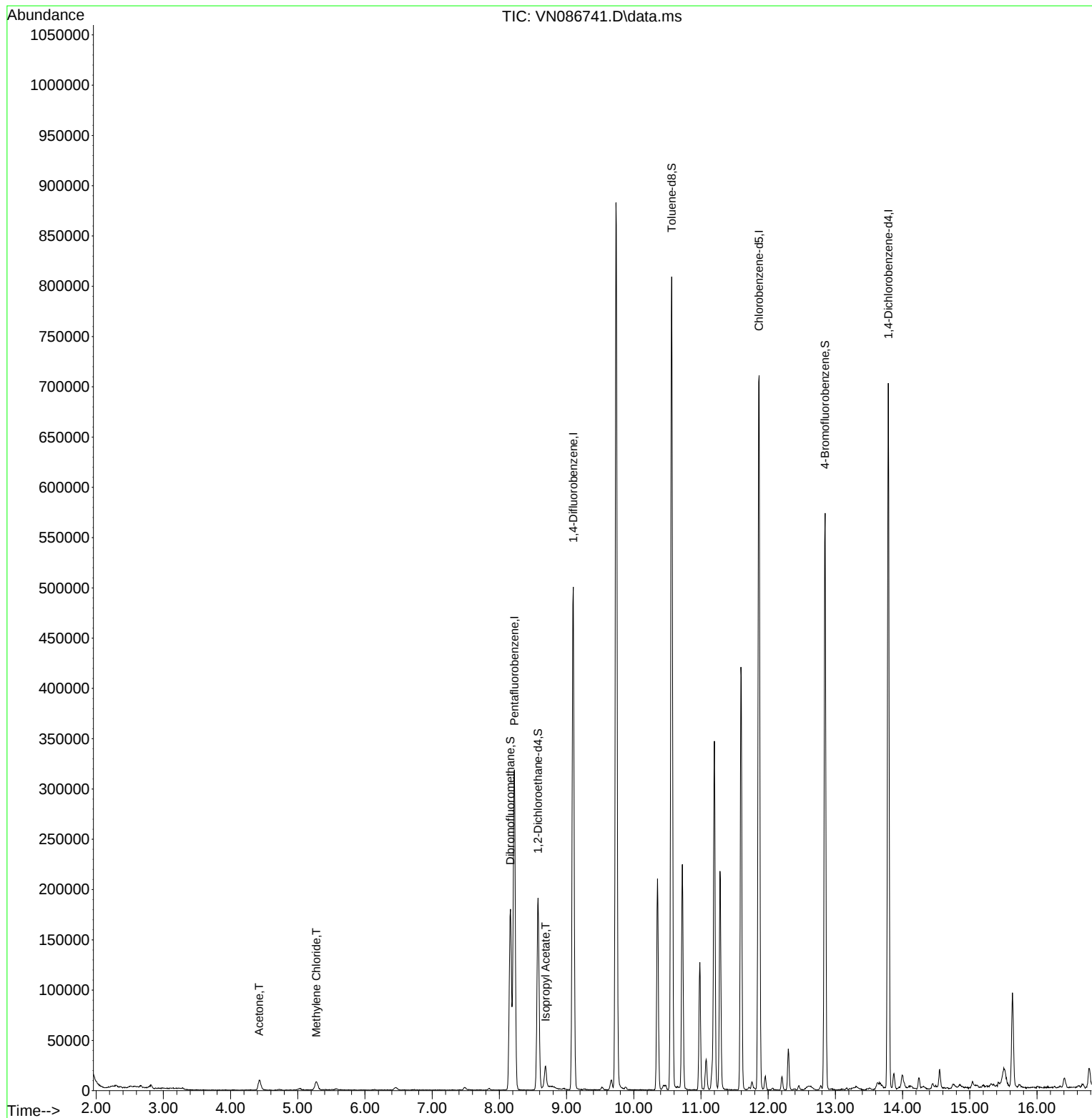
Internal Standards						
1) Pentafluorobenzene	8.224	168	251832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	467278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	451108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	201270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156063	44.848	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.700%
35) Dibromofluoromethane	8.165	113	138283	49.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.565	98	592898	51.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.847	95	219961	54.018	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.040%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	20195	15.514	ug/l	97
20) Methylene Chloride	5.277	84	7447	2.168	ug/l	86
43) Isopropyl Acetate	8.688	43	29822	3.588	ug/l #	88

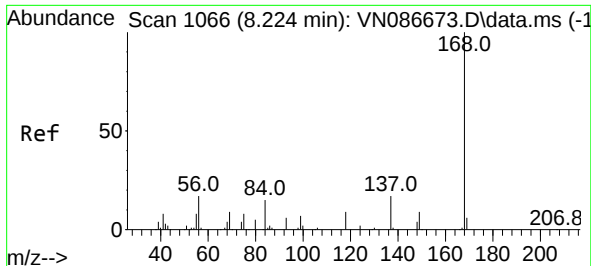
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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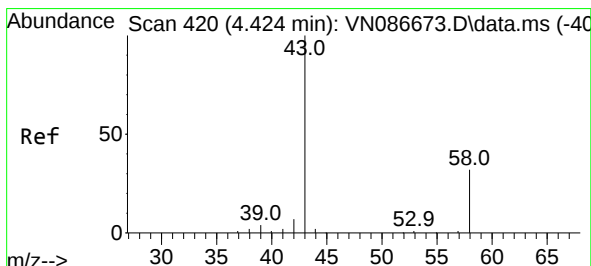
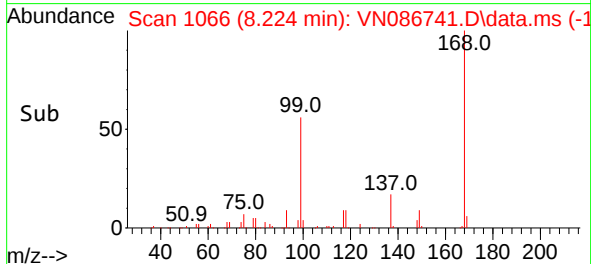
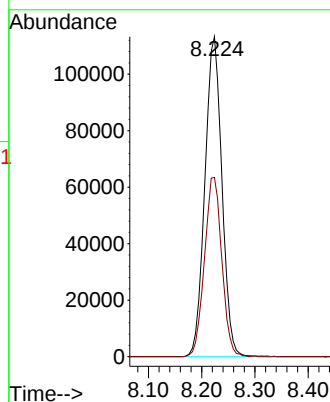
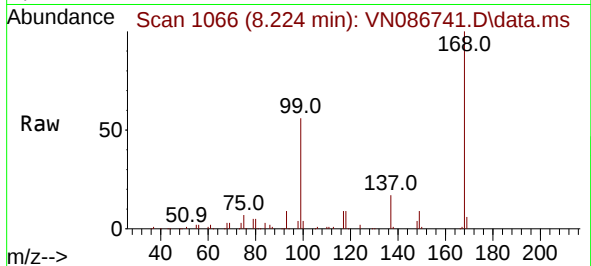




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086741.D
Acq: 21 May 2025 19:06

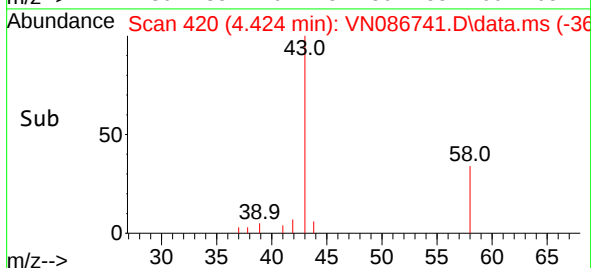
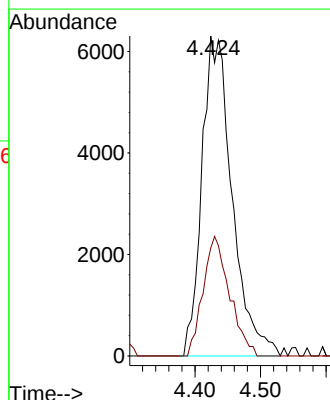
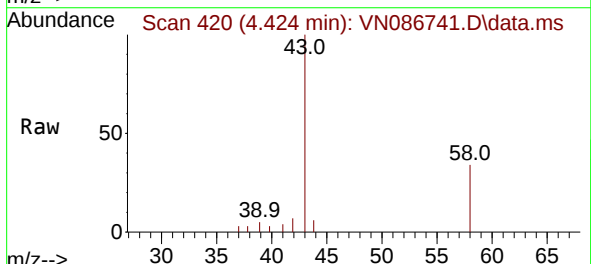
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP1

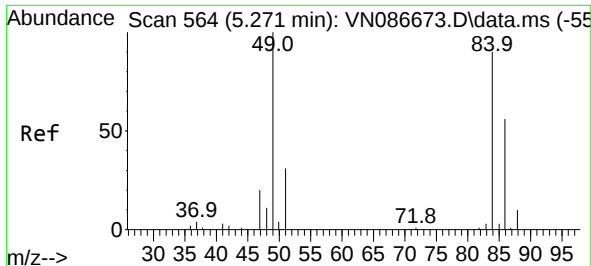
Tgt Ion:168 Resp: 251832
Ion Ratio Lower Upper
168 100
99 56.0 47.0 70.4



#16
Acetone
Concen: 15.514 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086741.D
Acq: 21 May 2025 19:06

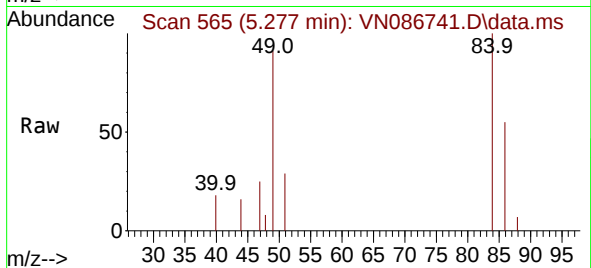
Tgt Ion: 43 Resp: 20195
Ion Ratio Lower Upper
43 100
58 33.7 25.8 38.6



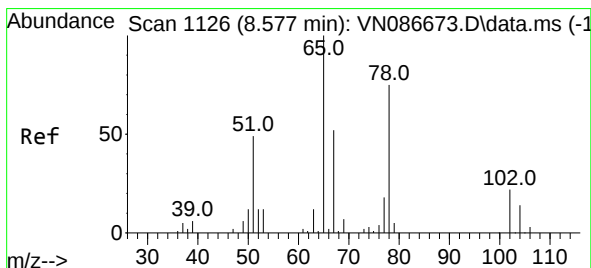
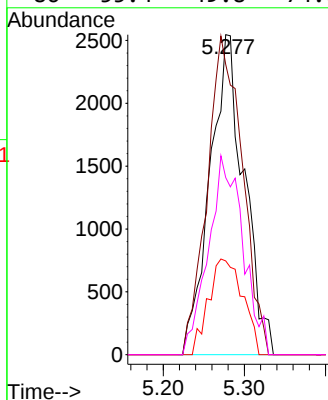
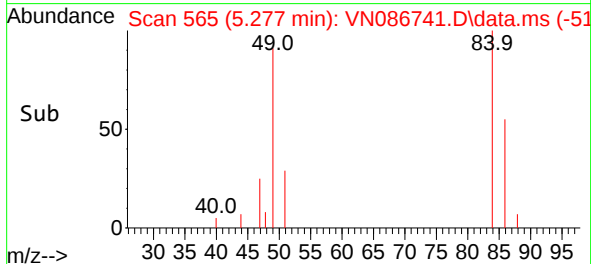


#20
Methylene Chloride
Concen: 2.168 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086741.D
Acq: 21 May 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
WCS-TP1

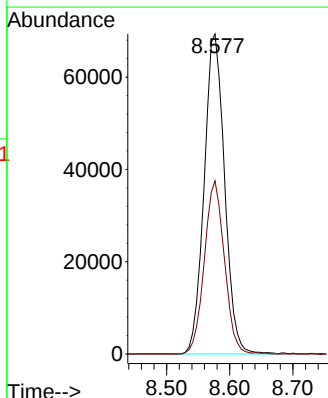
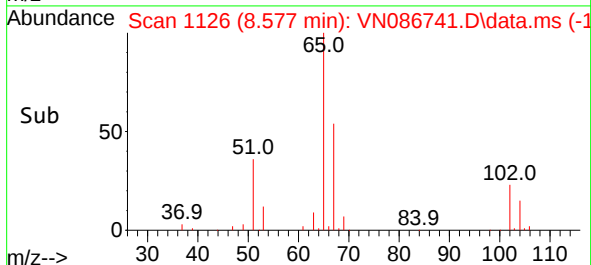
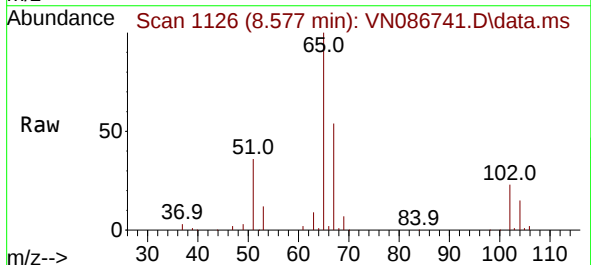


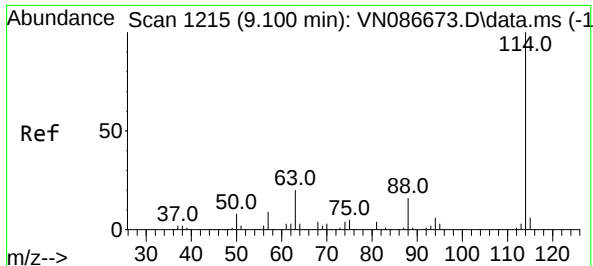
Tgt Ion:	84	Resp:	7447
Ion	Ratio	Lower	Upper
84	100		
49	90.7	88.8	133.2
51	29.3	27.8	41.6
86	55.4	49.8	74.6



#33
1,2-Dichloroethane-d4
Concen: 44.848 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086741.D
Acq: 21 May 2025 19:06

Tgt Ion:	65	Resp:	156063
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086741.D

Acq: 21 May 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

WCS-TP1

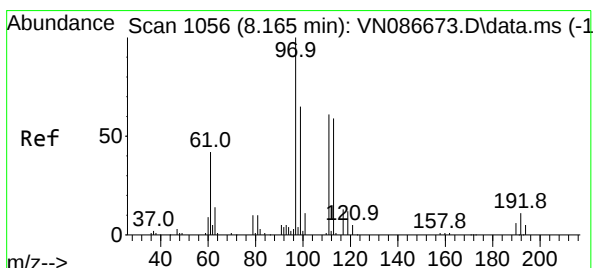
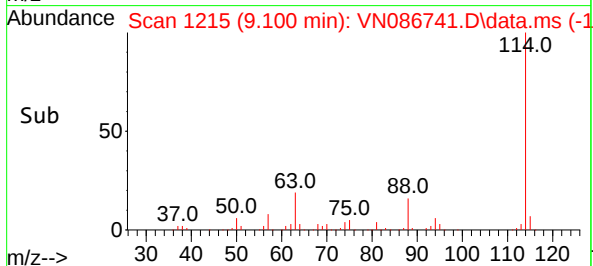
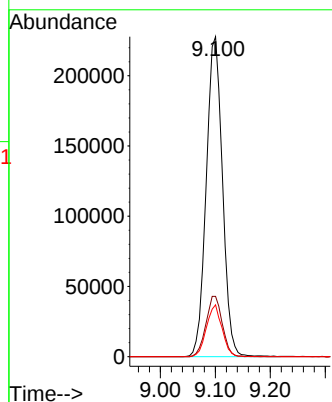
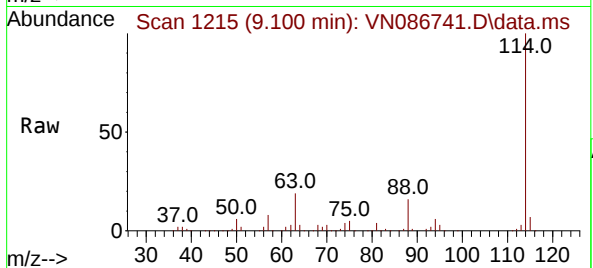
Tgt Ion:114 Resp: 467278

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.2

88 16.2 0.0 31.2



#35

Dibromofluoromethane

Concen: 49.691 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086741.D

Acq: 21 May 2025 19:06

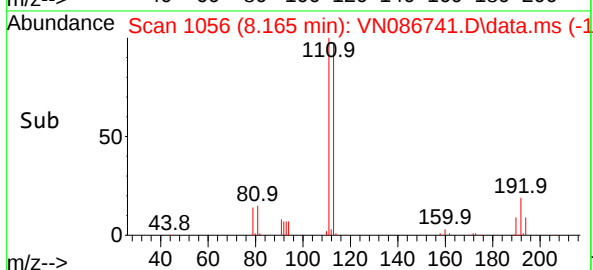
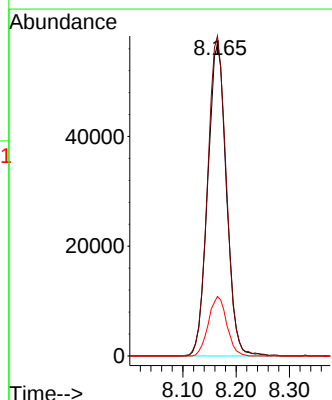
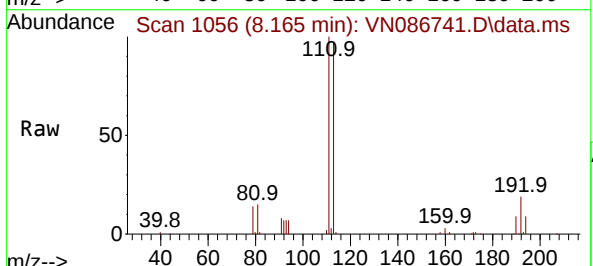
Tgt Ion:113 Resp: 138283

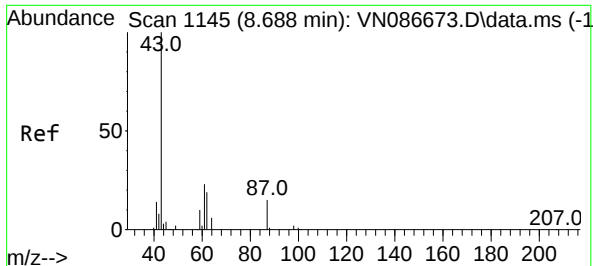
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 18.7 13.8 20.8





#43

Isopropyl Acetate

Concen: 3.588 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN086741.D

Acq: 21 May 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

WCS-TP1

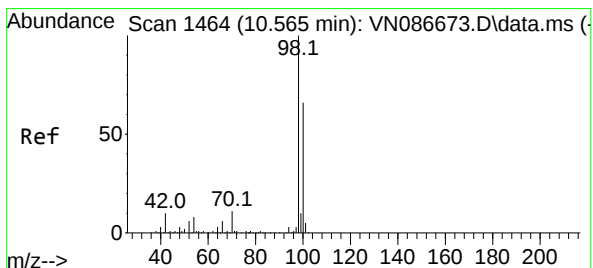
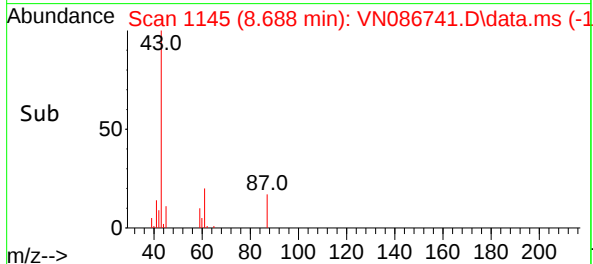
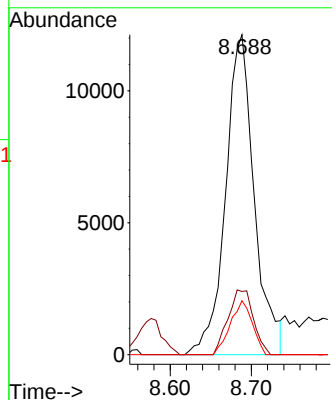
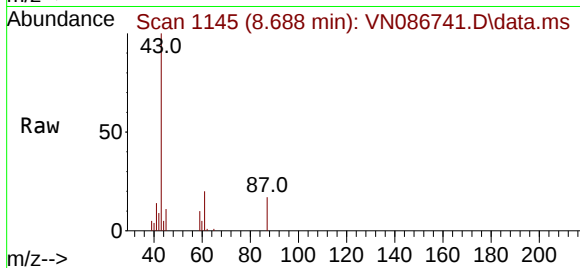
Tgt Ion: 43 Resp: 29822

Ion Ratio Lower Upper

43 100

61 17.9 21.4 32.2#

87 12.9 11.1 16.7



#50

Toluene-d8

Concen: 51.412 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086741.D

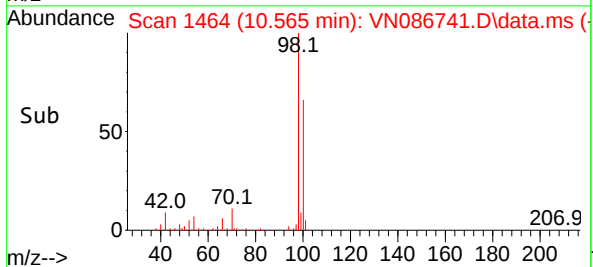
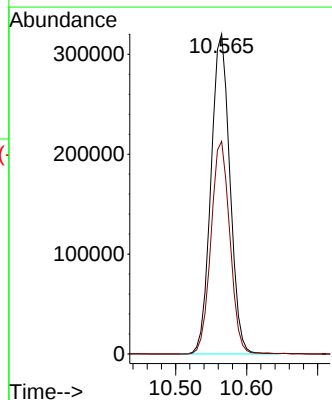
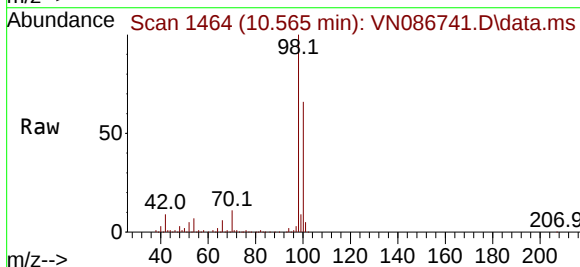
Acq: 21 May 2025 19:06

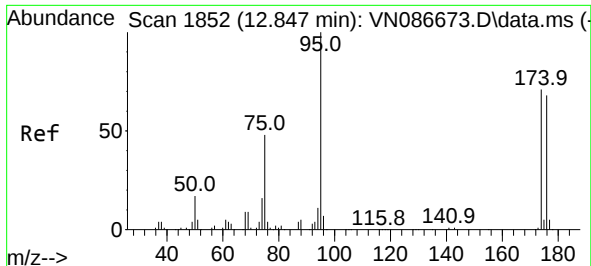
Tgt Ion: 98 Resp: 592898

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3

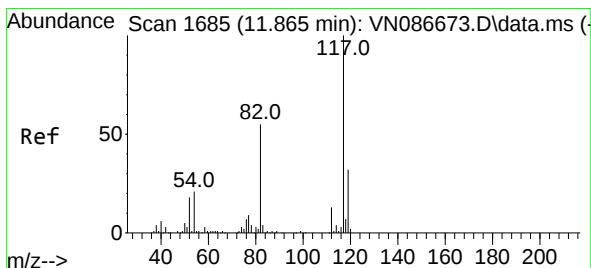
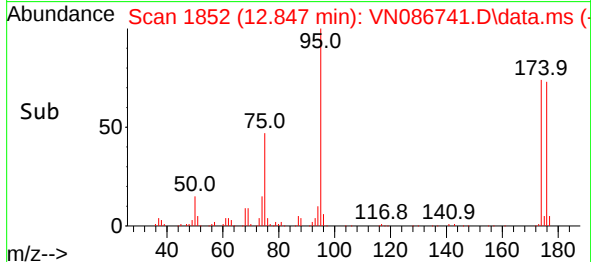
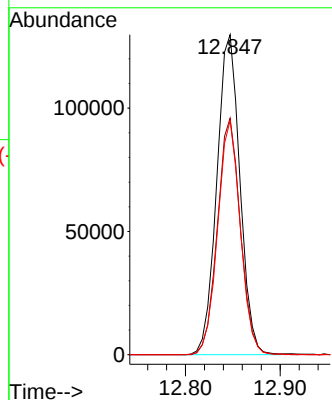
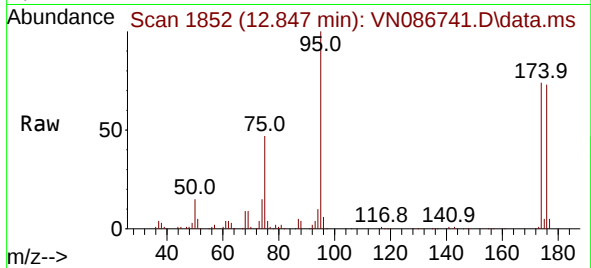




#62
4-Bromofluorobenzene
Concen: 54.018 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086741.D
Acq: 21 May 2025 19:06

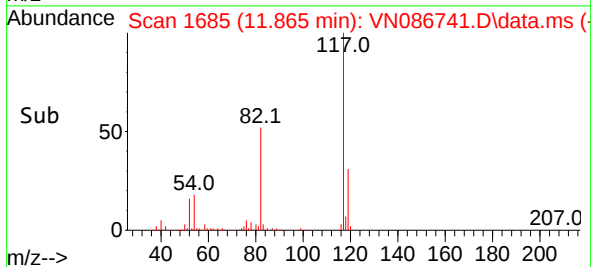
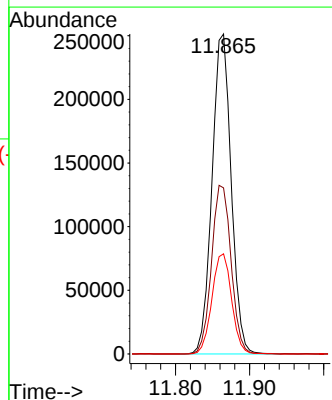
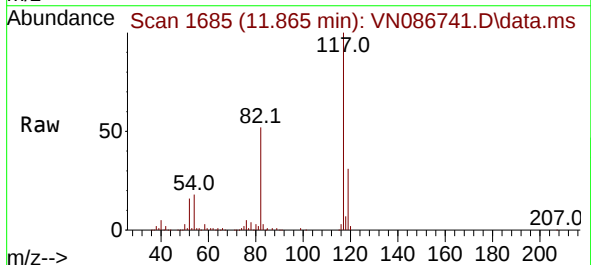
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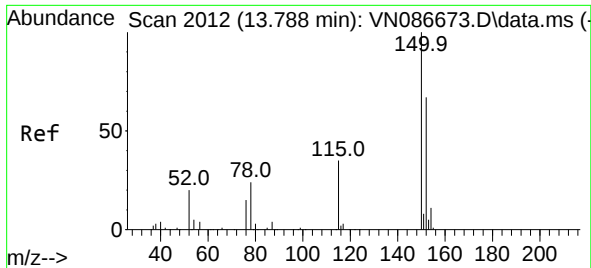
Tgt Ion: 95 Resp: 219961
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.4
176 71.4 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086741.D
Acq: 21 May 2025 19:06

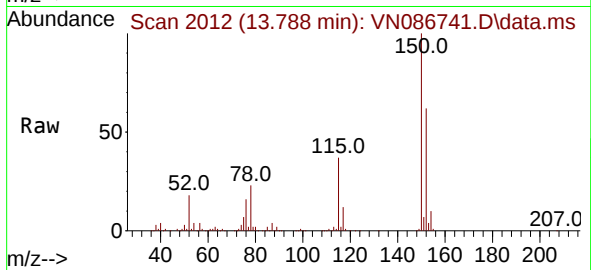
Tgt Ion: 117 Resp: 451108
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 31.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086741.D
 Acq: 21 May 2025 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TP1



Tgt Ion:152 Resp: 201270
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.0 90.1
 150 157.2 0.0 347.8

