

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086575.D
 Acq On : 12 May 2025 12:51
 Operator : JC\MD
 Sample : PB167932TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932TB

Quant Time: May 13 01:50:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

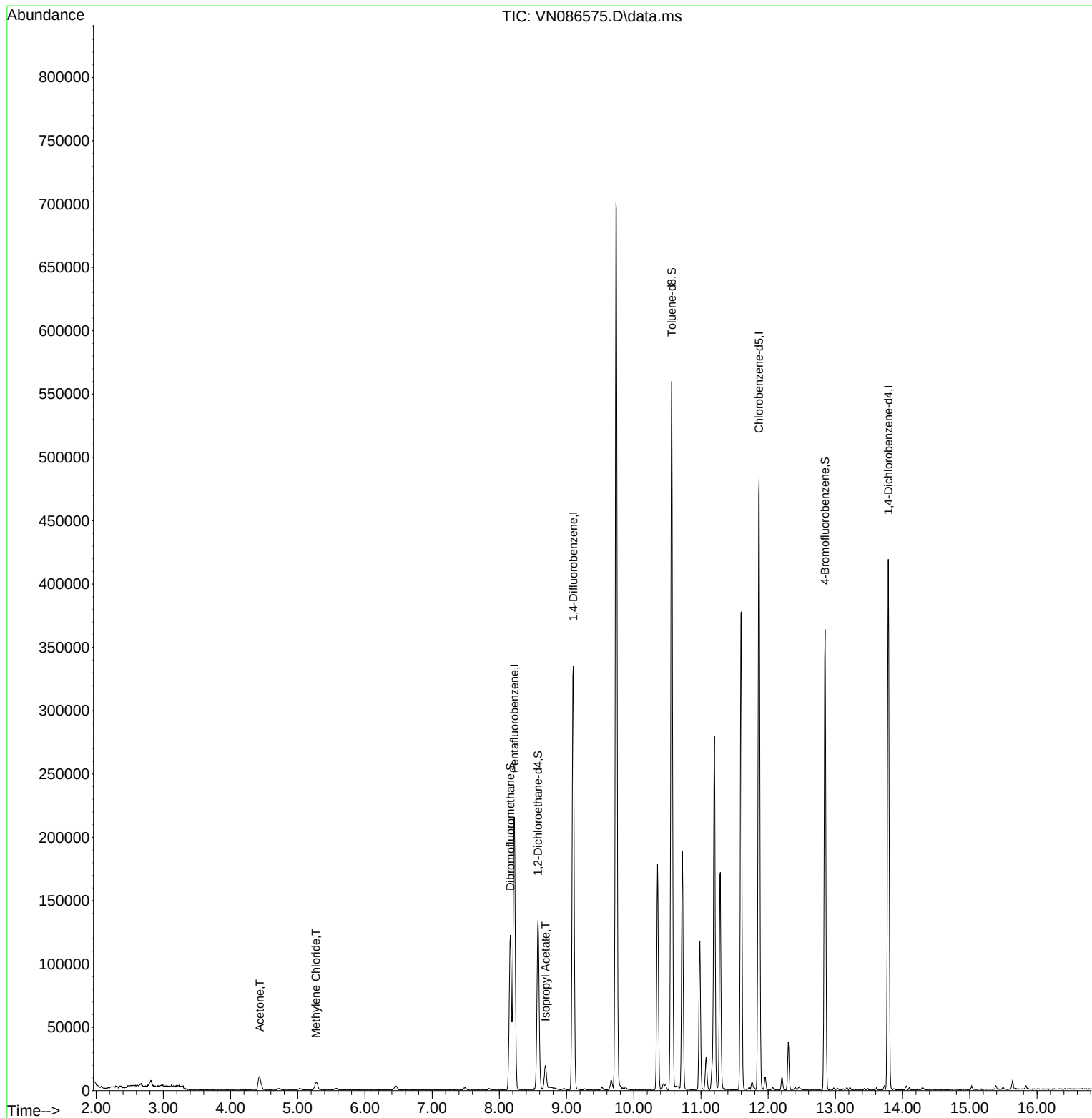
Internal Standards						
1) Pentafluorobenzene	8.224	168	164154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	112541	47.279	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.560%
35) Dibromofluoromethane	8.165	113	91051	64.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	128.820%#
50) Toluene-d8	10.565	98	391528	51.823	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.847	95	135105	49.028	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.060%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	22102	21.643	ug/l	99
20) Methylene Chloride	5.271	84	5121	2.327	ug/l	89
43) Isopropyl Acetate	8.688	43	24128	2.710	ug/l #	90

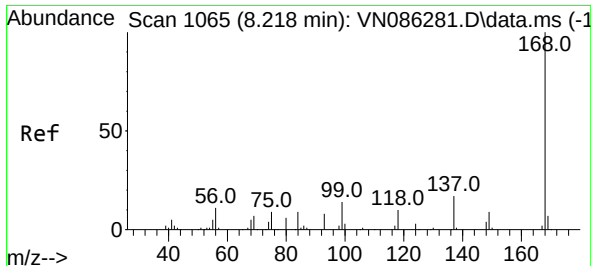
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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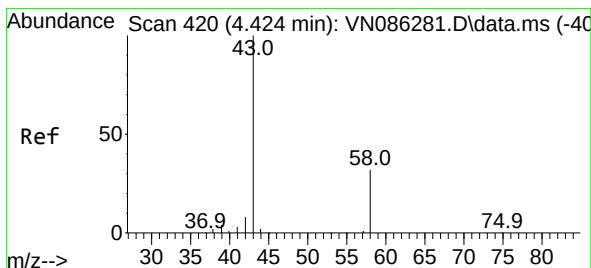
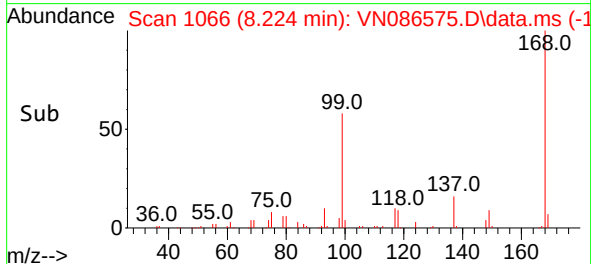
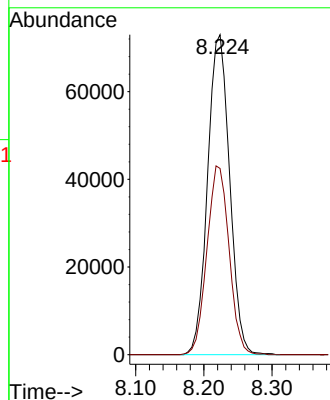
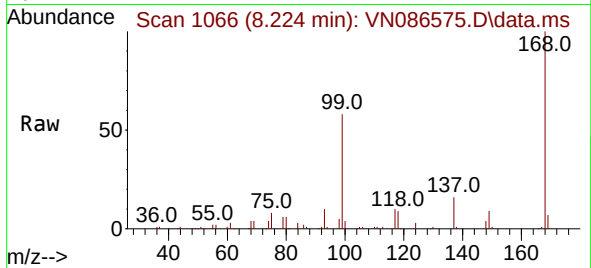




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086575.D
Acq: 12 May 2025 12:51

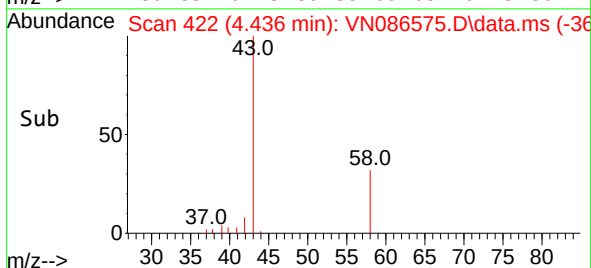
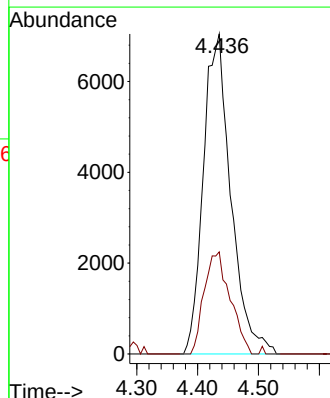
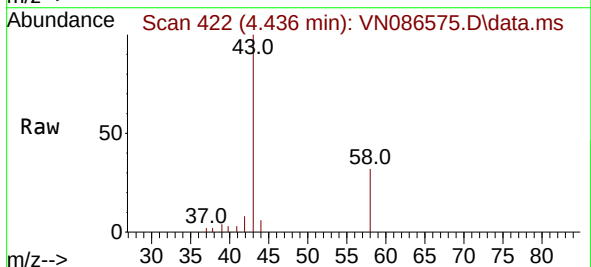
Instrument :
MSVOA_N
ClientSampleId :
PB167932TB

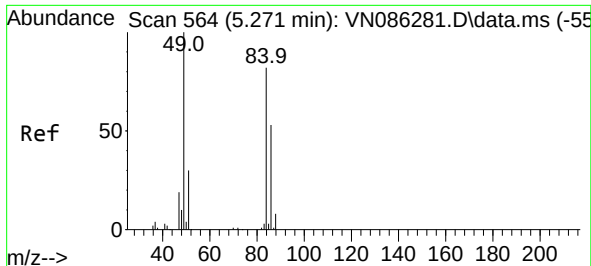
Tgt Ion:168 Resp: 164154
Ion Ratio Lower Upper
168 100
99 58.2 52.5 78.7



#16
Acetone
Concen: 21.643 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086575.D
Acq: 12 May 2025 12:51

Tgt Ion: 43 Resp: 22102
Ion Ratio Lower Upper
43 100
58 31.9 25.3 37.9

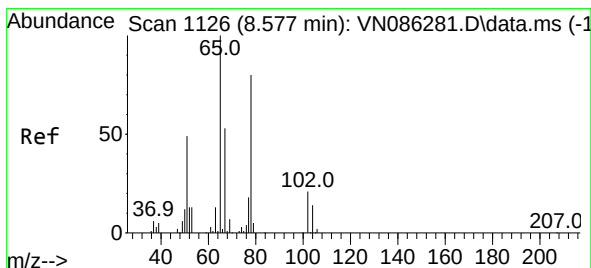
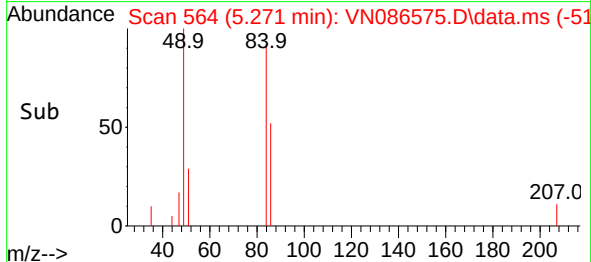
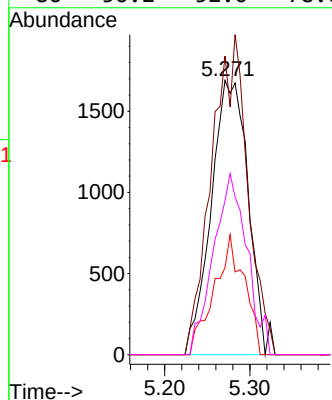
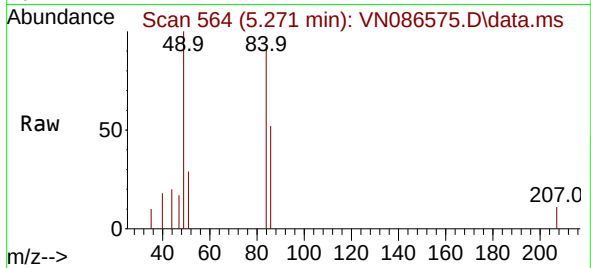




#20
Methylene Chloride
Concen: 2.327 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086575.D
Acq: 12 May 2025 12:51

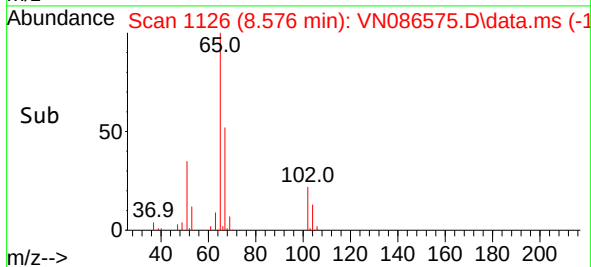
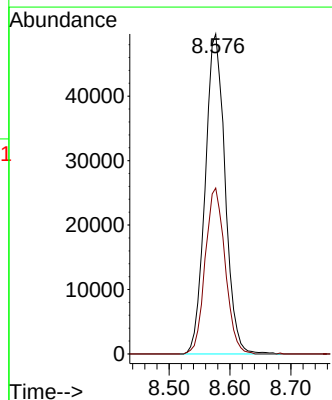
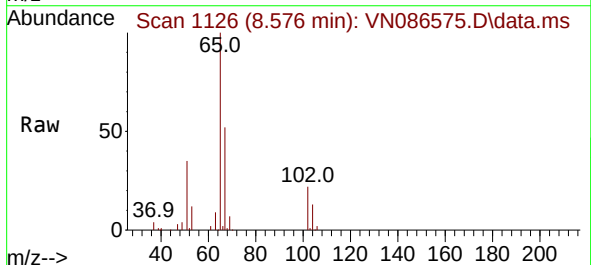
Instrument :
MSVOA_N
ClientSampleId :
PB167932TB

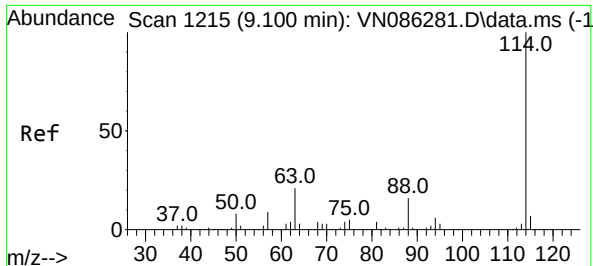
Tgt Ion:	84	Resp:	5121
Ion	Ratio	Lower	Upper
84	100		
49	108.9	98.2	147.2
51	31.8	29.8	44.6
86	56.2	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 47.279 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086575.D
Acq: 12 May 2025 12:51

Tgt Ion:	65	Resp:	112541
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086575.D

Acq: 12 May 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB167932TB

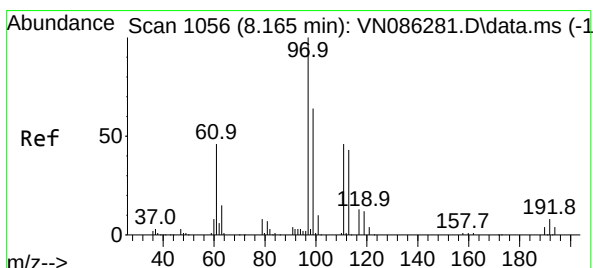
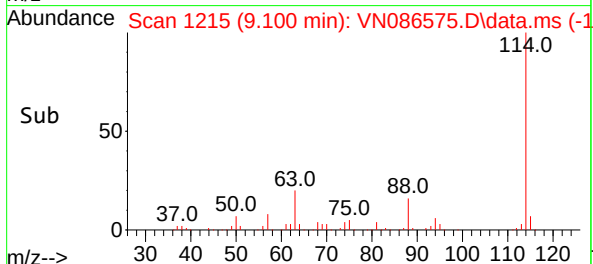
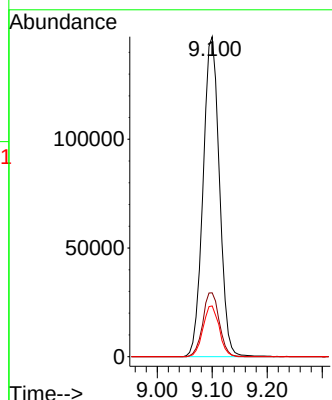
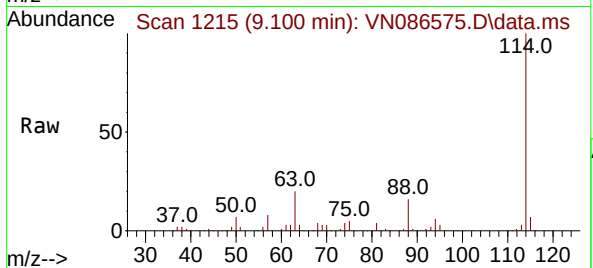
Tgt Ion:114 Resp: 304586

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 64.410 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086575.D

Acq: 12 May 2025 12:51

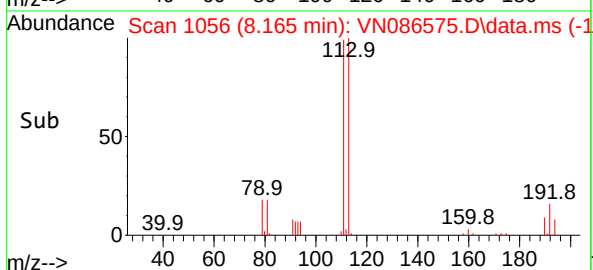
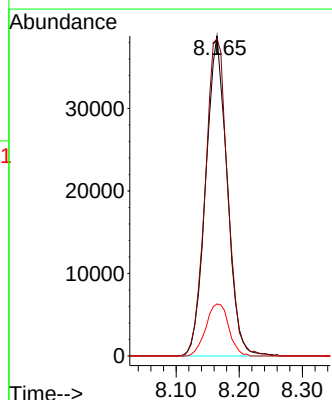
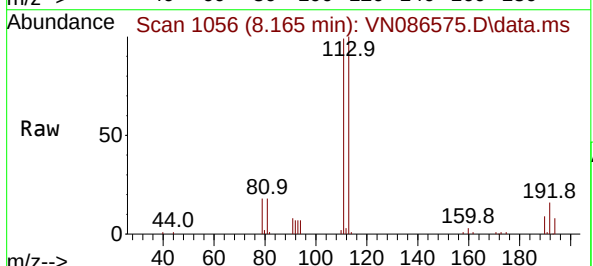
Tgt Ion:113 Resp: 91051

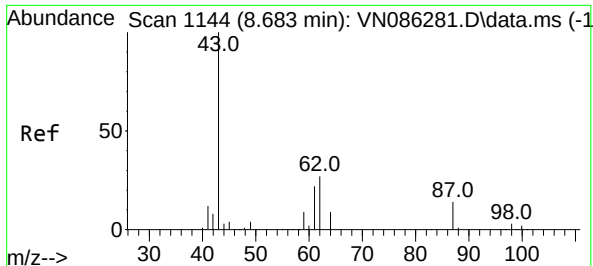
Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.0

192 17.4 13.7 20.5





#43

Isopropyl Acetate

Concen: 2.710 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN086575.D

Acq: 12 May 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB167932TB

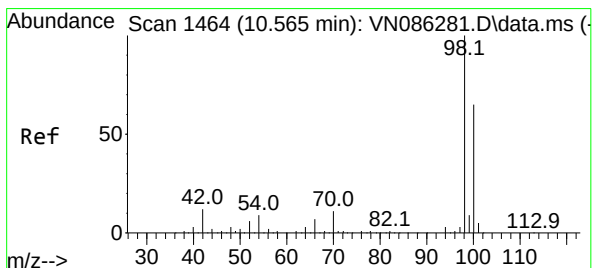
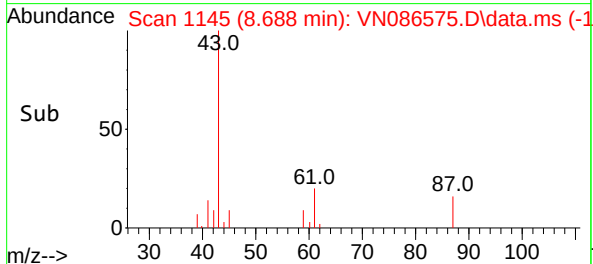
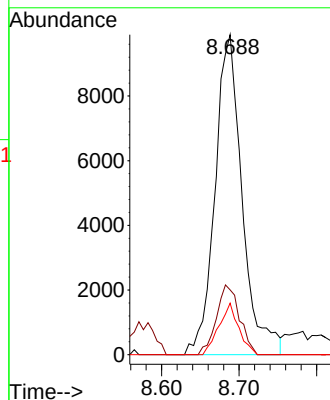
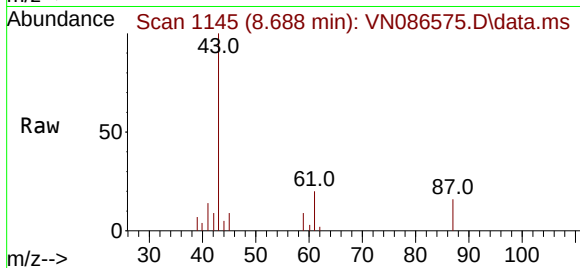
Tgt Ion: 43 Resp: 24128

Ion Ratio Lower Upper

43 100

61 18.5 20.5 30.7#

87 11.8 10.5 15.7



#50

Toluene-d8

Concen: 51.823 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086575.D

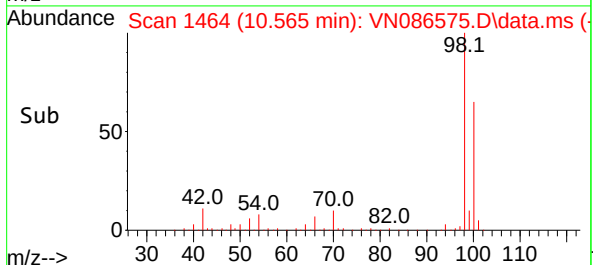
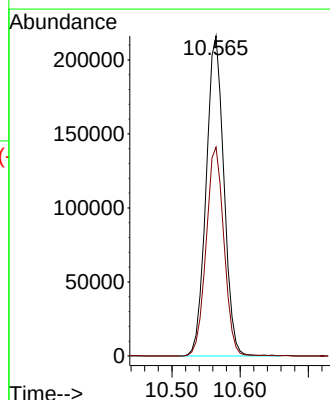
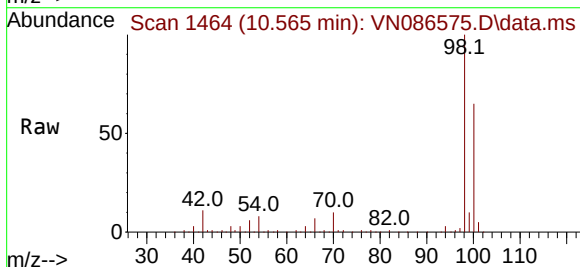
Acq: 12 May 2025 12:51

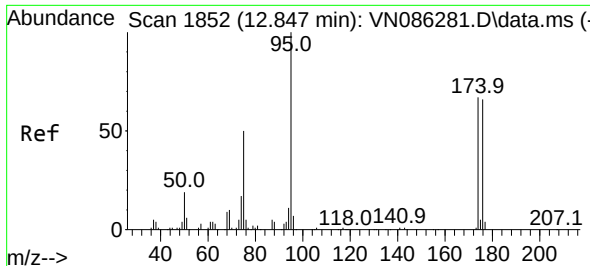
Tgt Ion: 98 Resp: 391528

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

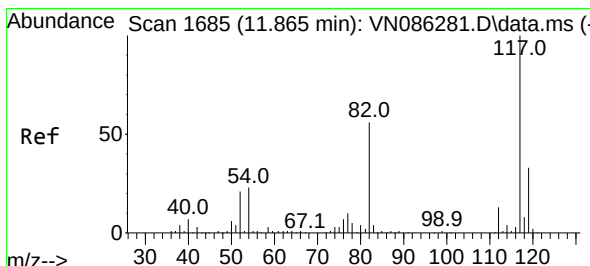
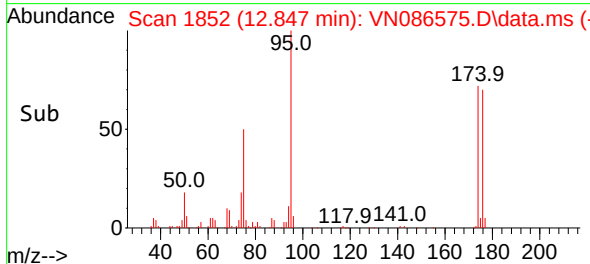
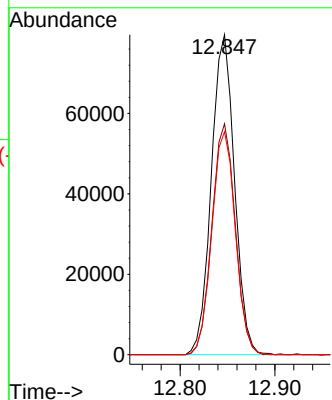
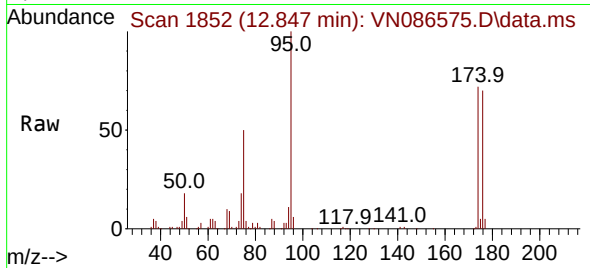




#62
4-Bromofluorobenzene
Concen: 49.028 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086575.D
Acq: 12 May 2025 12:51

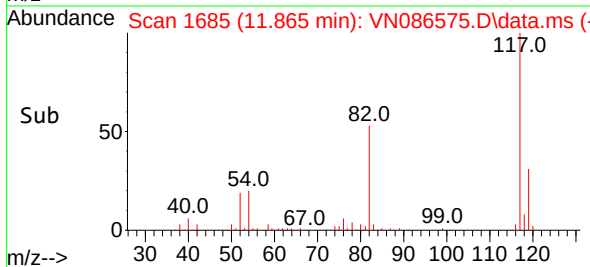
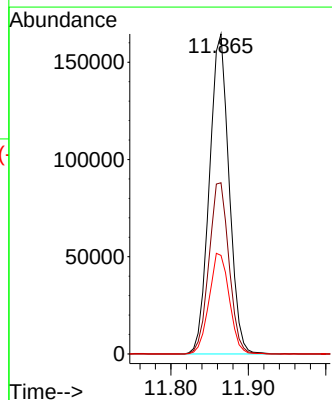
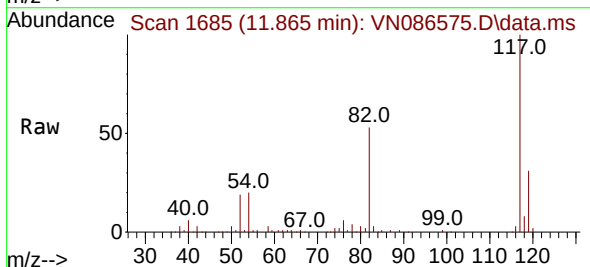
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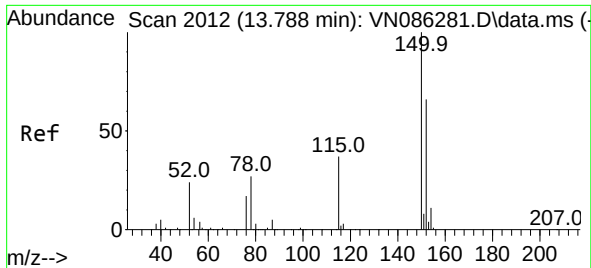
Tgt Ion: 95 Resp: 135105
Ion Ratio Lower Upper
95 100
174 72.9 0.0 133.4
176 70.8 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086575.D
Acq: 12 May 2025 12:51

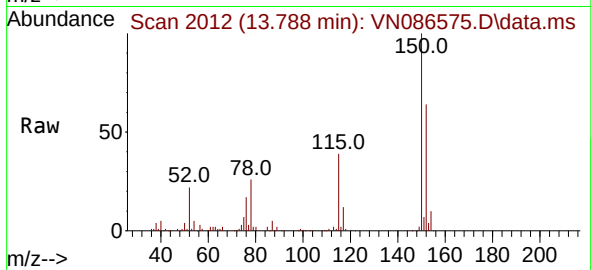
Tgt Ion: 117 Resp: 290524
Ion Ratio Lower Upper
117 100
82 53.5 44.7 67.1
119 30.8 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086575.D
Acq: 12 May 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
PB167932TB



Tgt Ion:152 Resp: 117340
Ion Ratio Lower Upper
152 100
115 60.7 31.9 95.9
150 157.0 0.0 352.0

