

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086551.D
 Acq On : 08 May 2025 17:26
 Operator : JC\MD
 Sample : PB167895ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#09

Quant Time: May 09 01:55:33 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)

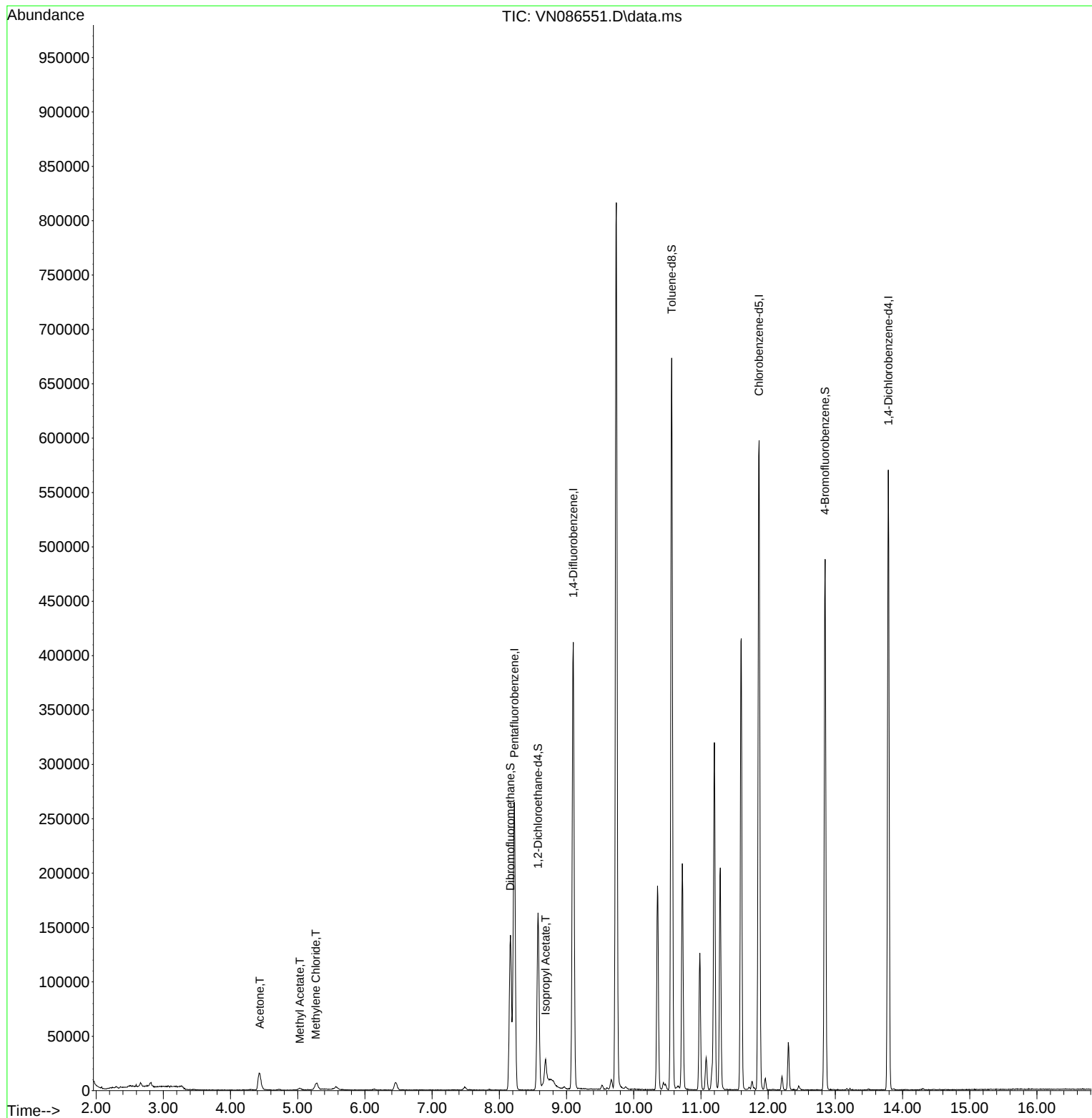
Internal Standards						
1) Pentafluorobenzene	8.224	168	200016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	372519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134812	46.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.960%
35) Dibromofluoromethane	8.165	113	105354	60.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	121.880%
50) Toluene-d8	10.565	98	472392	51.124	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.847	95	173516	51.484	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.960%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	32885	27.719	ug/l	91
18) Methyl Acetate	5.030	43	3569	1.025	ug/l #	71
20) Methylene Chloride	5.271	84	4801	1.791	ug/l	96
43) Isopropyl Acetate	8.688	43	40213	4.377	ug/l #	79

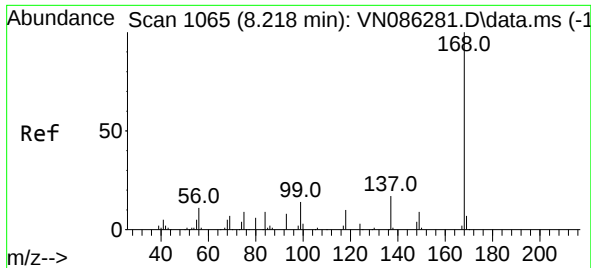
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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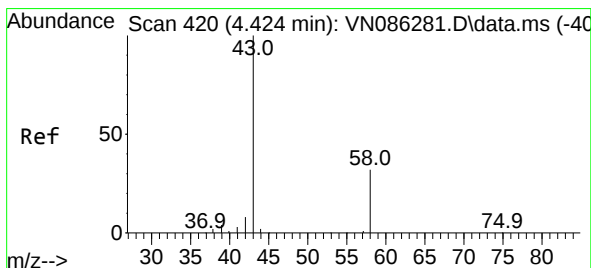
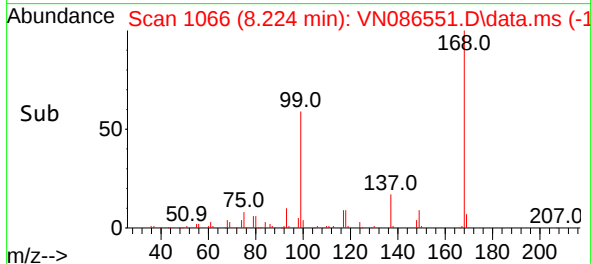
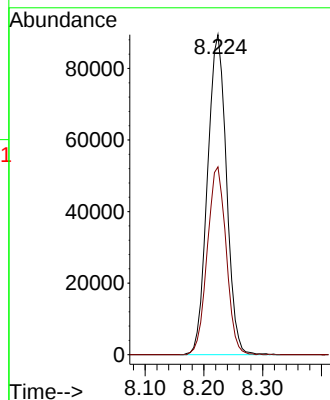
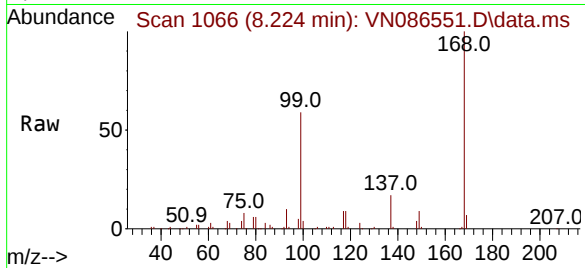




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086551.D
Acq: 08 May 2025 17:26

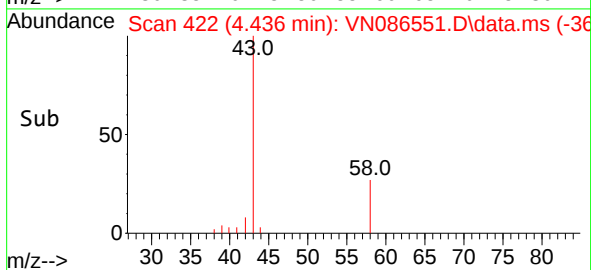
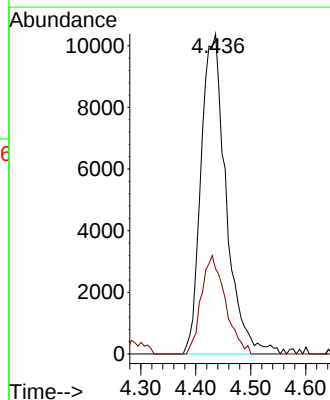
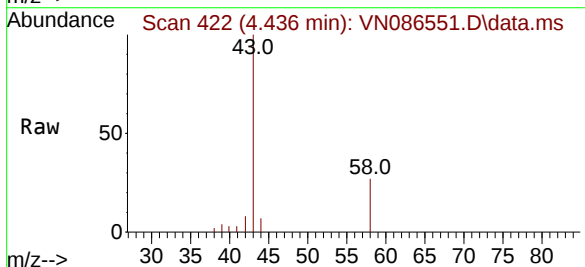
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#09

Tgt Ion:168 Resp: 200016
Ion Ratio Lower Upper
168 100
99 58.7 52.5 78.7



#16
Acetone
Concen: 27.719 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086551.D
Acq: 08 May 2025 17:26

Tgt Ion: 43 Resp: 32885
Ion Ratio Lower Upper
43 100
58 26.6 25.3 37.9

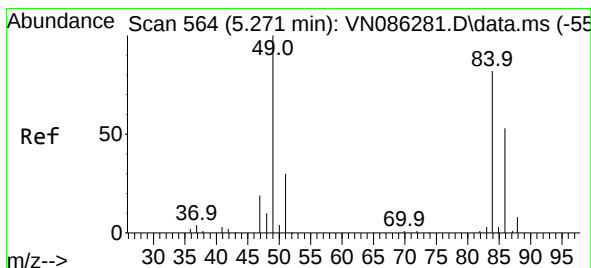
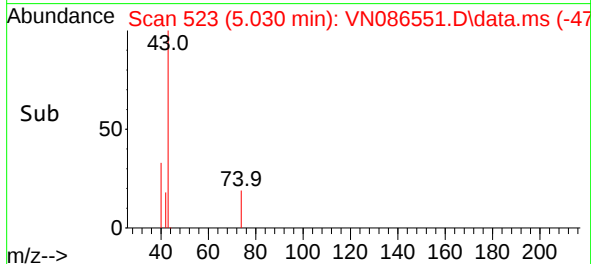
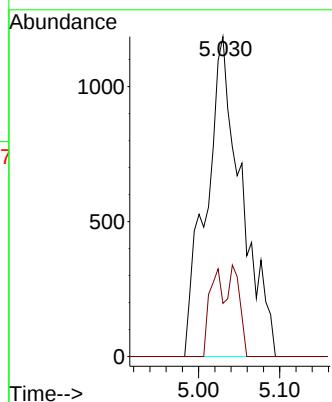
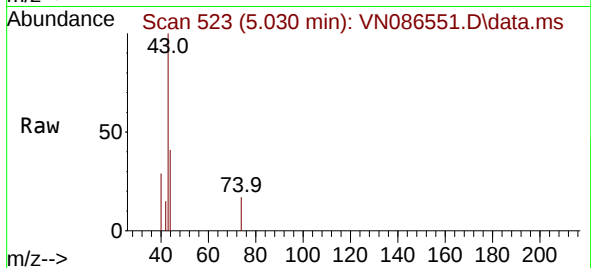




#18
Methyl Acetate
Concen: 1.025 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086551.D
Acq: 08 May 2025 17:26

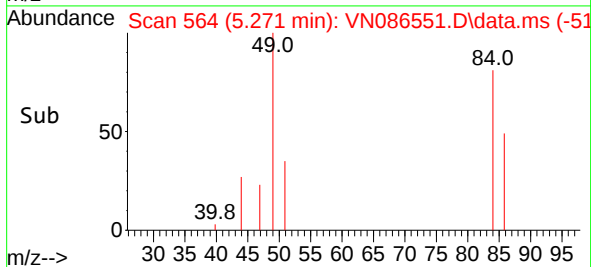
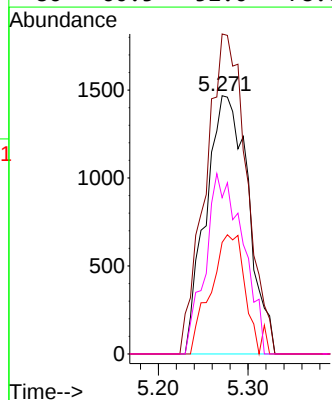
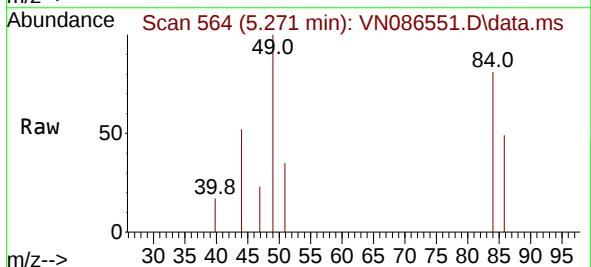
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#09

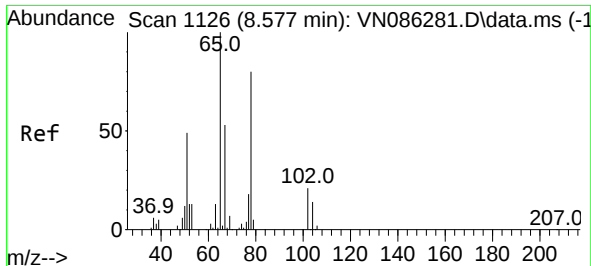
Tgt Ion: 43 Resp: 3569
Ion Ratio Lower Upper
43 100
74 10.2 19.8 29.6#



#20
Methylene Chloride
Concen: 1.791 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086551.D
Acq: 08 May 2025 17:26

Tgt Ion: 84 Resp: 4801
Ion Ratio Lower Upper
84 100
49 123.9 98.2 147.2
51 43.2 29.8 44.6
86 60.5 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 46.480 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086551.D

Acq: 08 May 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

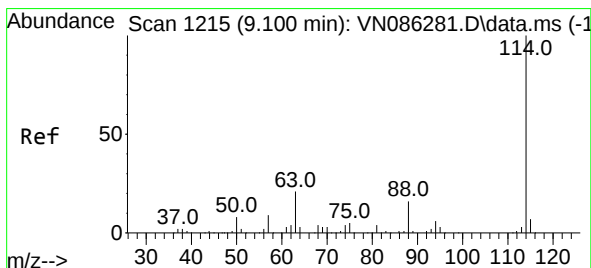
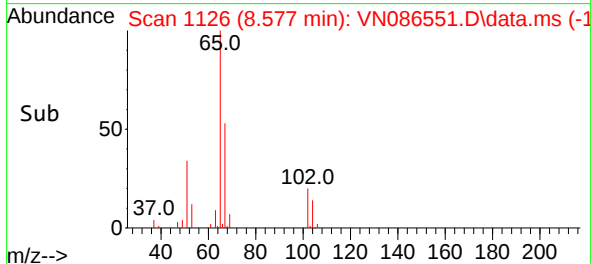
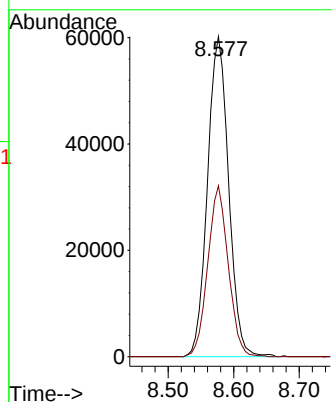
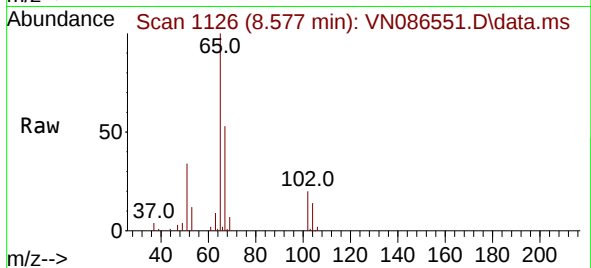
PB167895ZHE#09

Tgt Ion: 65 Resp: 134812

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086551.D

Acq: 08 May 2025 17:26

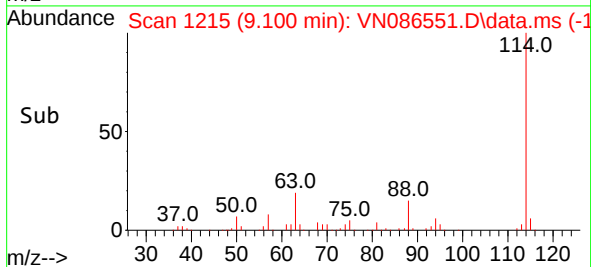
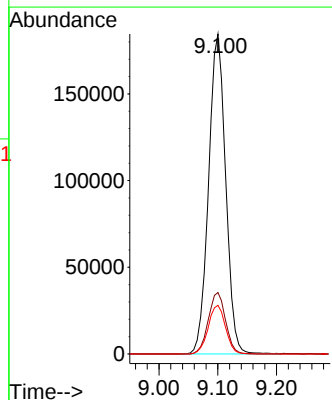
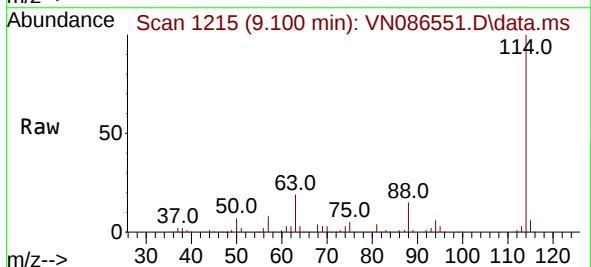
Tgt Ion: 114 Resp: 372519

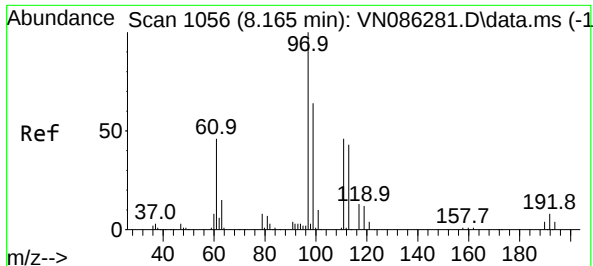
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 60.937 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN086551.D

Acq: 08 May 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

PB167895ZHE#09

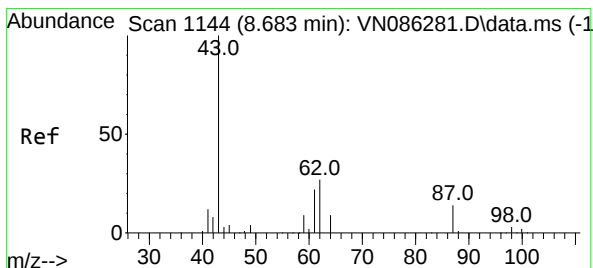
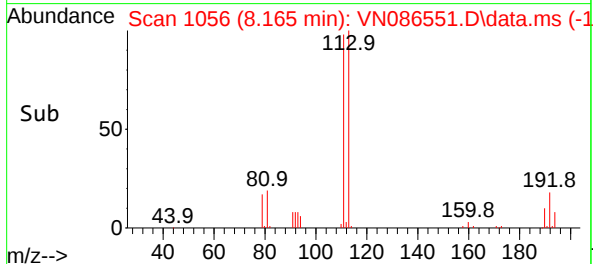
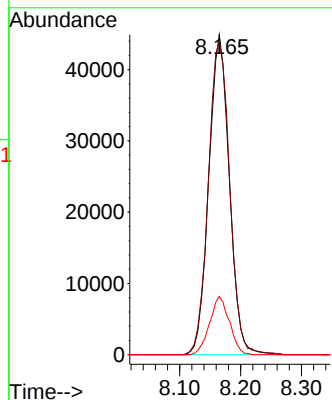
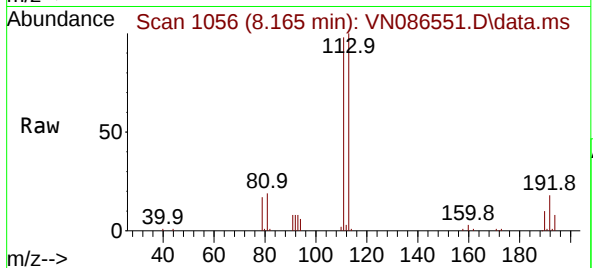
Tgt Ion:113 Resp: 105354

Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.0

192 17.5 13.7 20.5



#43

Isopropyl Acetate

Concen: 4.377 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN086551.D

Acq: 08 May 2025 17:26

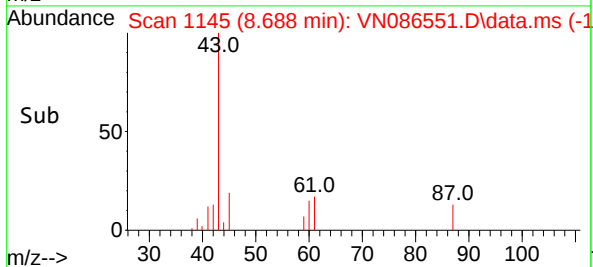
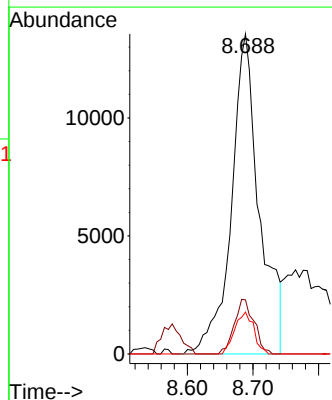
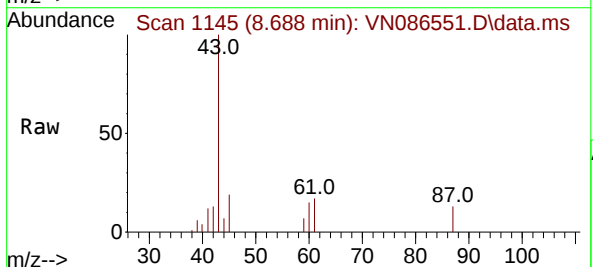
Tgt Ion: 43 Resp: 40213

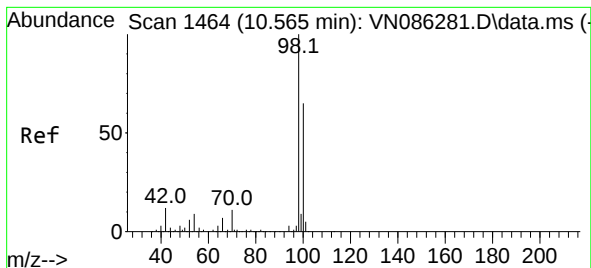
Ion Ratio Lower Upper

43 100

61 12.0 20.5 30.7#

87 8.9 10.5 15.7#

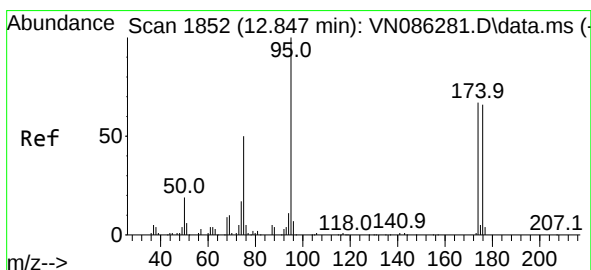
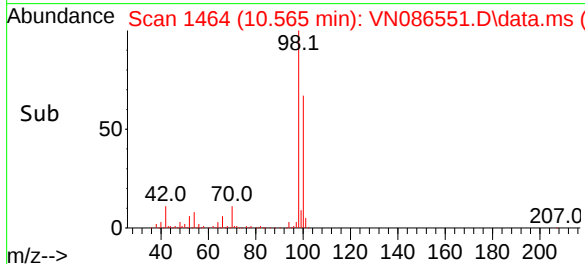
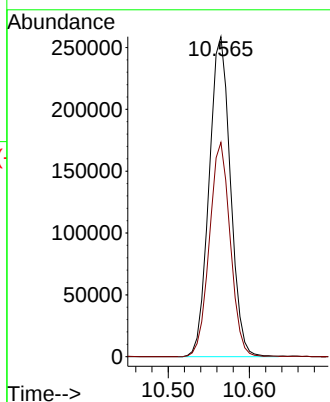
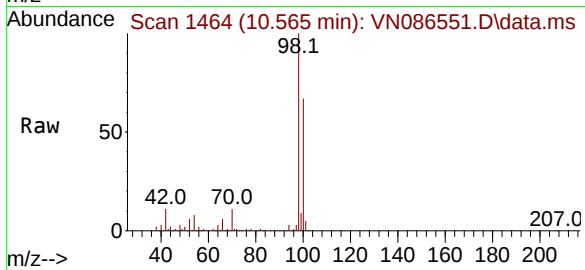




#50
Toluene-d8
Concen: 51.124 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086551.D
Acq: 08 May 2025 17:26

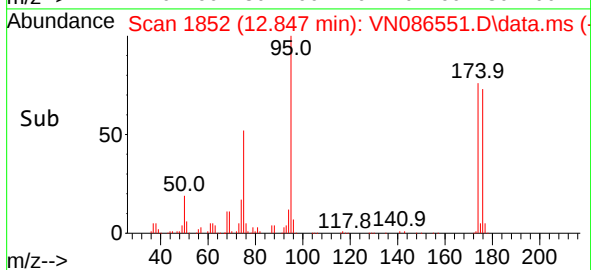
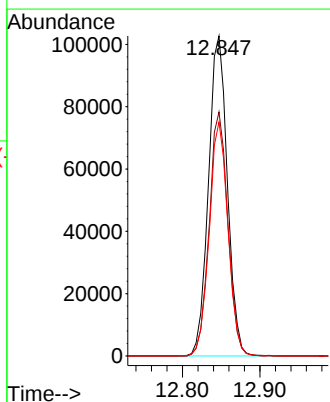
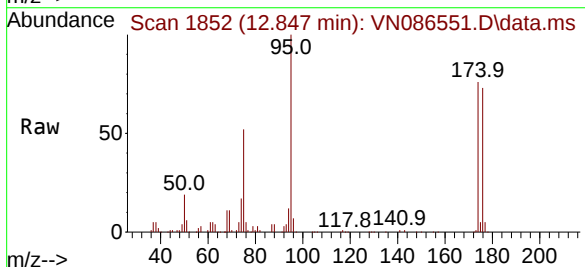
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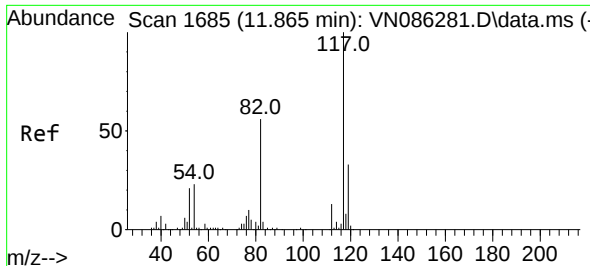
Tgt Ion: 98 Resp: 472392
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.484 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086551.D
Acq: 08 May 2025 17:26

Tgt Ion: 95 Resp: 173516
Ion Ratio Lower Upper
95 100
174 75.4 0.0 133.4
176 72.2 0.0 129.2

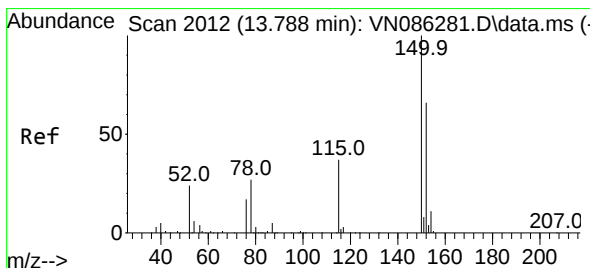
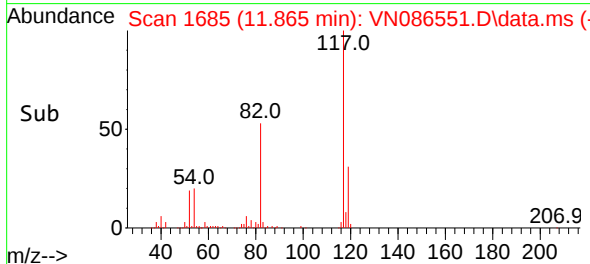
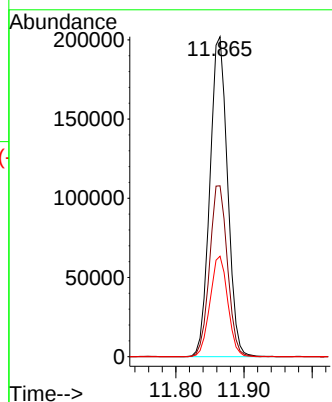
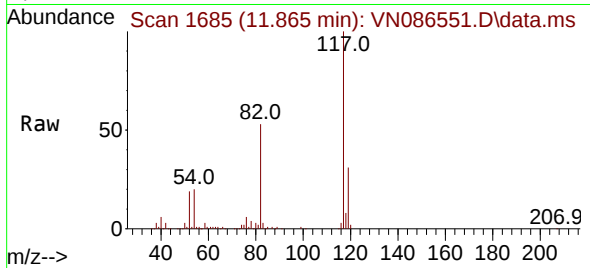




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN086551.D
Acq: 08 May 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 363723
Ion Ratio Lower Upper
117 100
82 53.4 44.7 67.1
119 31.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086551.D
Acq: 08 May 2025 17:26

Tgt Ion:152 Resp: 159774
Ion Ratio Lower Upper
152 100
115 60.6 31.9 95.9
150 157.2 0.0 352.0

