

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086578.D
 Acq On : 12 May 2025 14:04
 Operator : JC\MD
 Sample : PB167932ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#03

Quant Time: May 13 01:51:54 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)

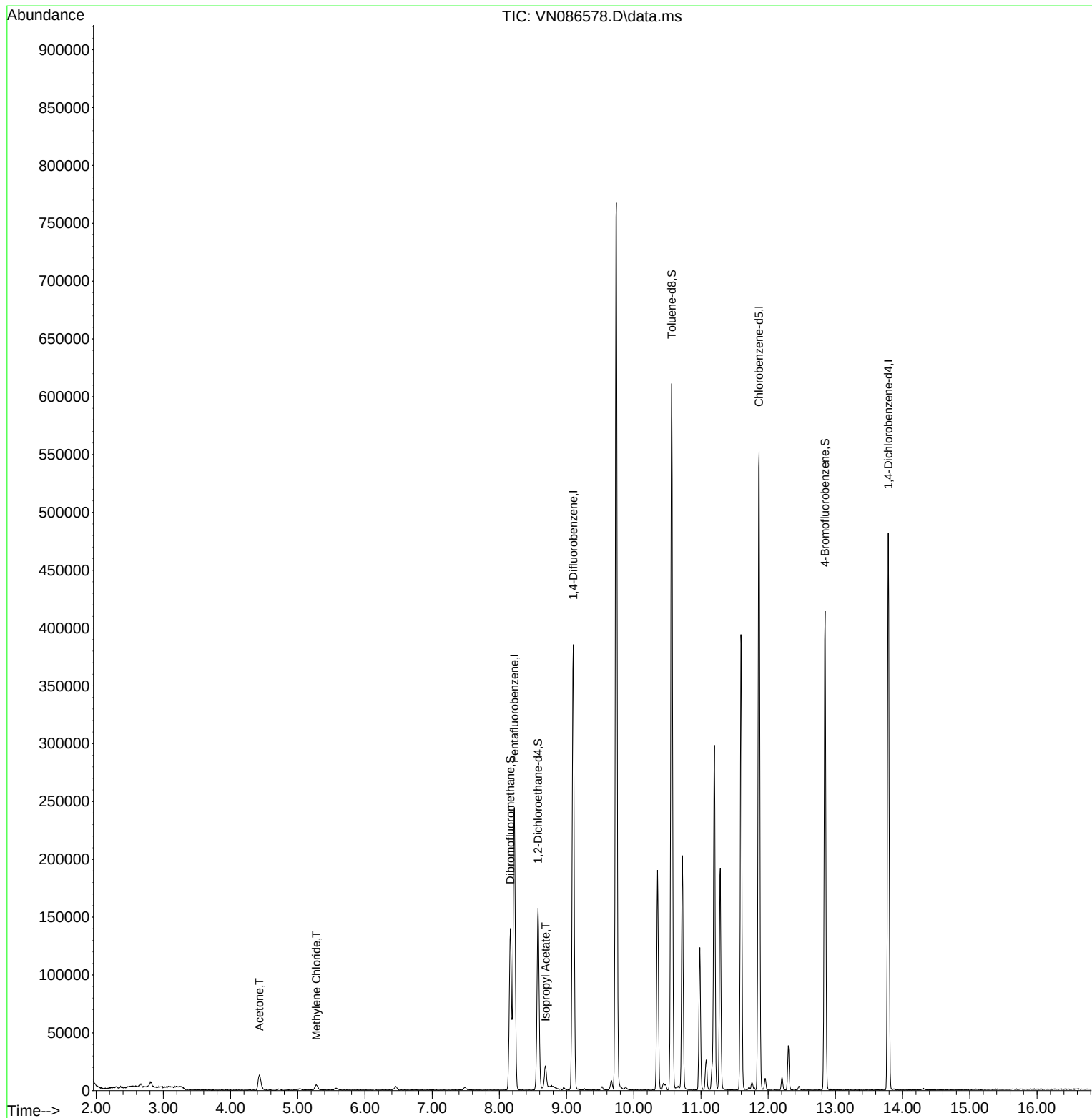
Internal Standards						
1) Pentafluorobenzene	8.224	168	181074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	344514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128987	49.124	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.240%
35) Dibromofluoromethane	8.165	113	101731	63.624	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	127.240%#
50) Toluene-d8	10.565	98	437021	51.141	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.280%
62) 4-Bromofluorobenzene	12.847	95	152963	49.075	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.160%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	25986	23.453	ug/l	98
20) Methylene Chloride	5.277	84	3771	1.553	ug/l	88
43) Isopropyl Acetate	8.688	43	26104	2.511	ug/l #	88

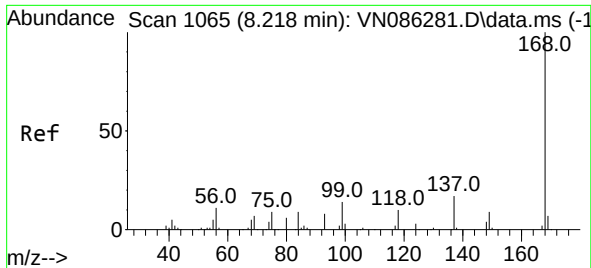
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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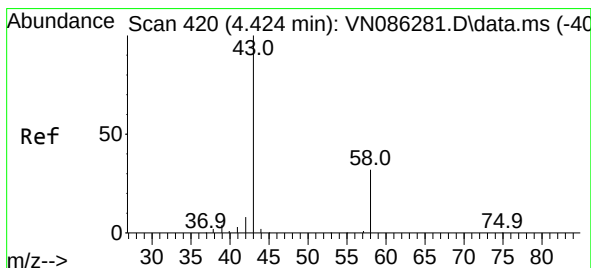
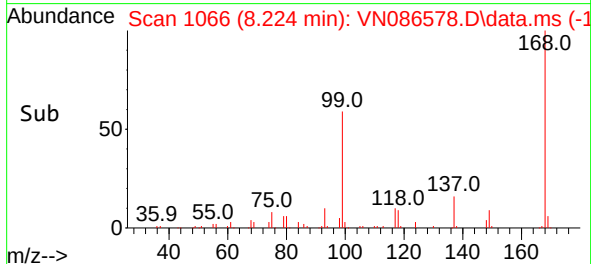
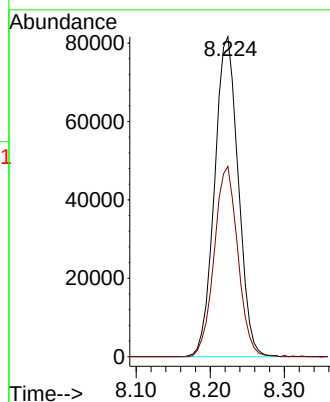
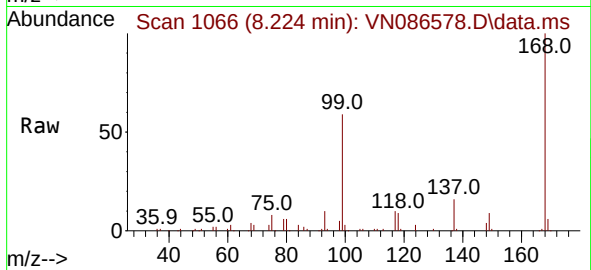




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086578.D
Acq: 12 May 2025 14:04

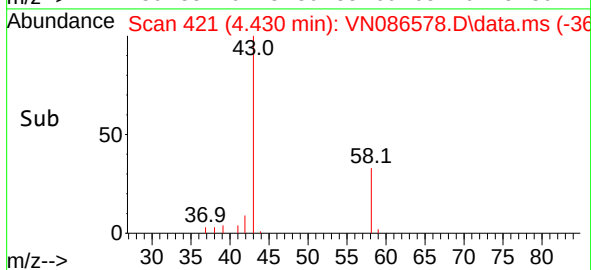
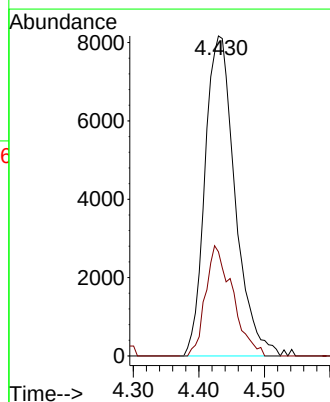
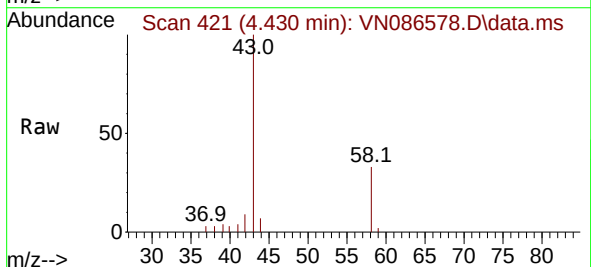
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#03

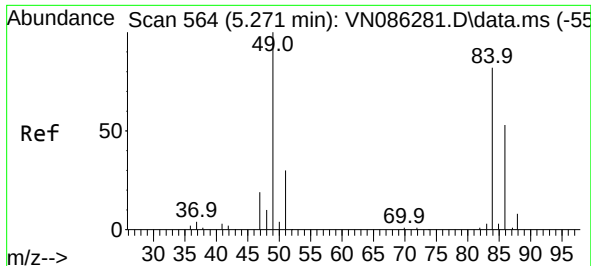
Tgt Ion:168 Resp: 181074
Ion Ratio Lower Upper
168 100
99 59.5 52.5 78.7



#16
Acetone
Concen: 23.453 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086578.D
Acq: 12 May 2025 14:04

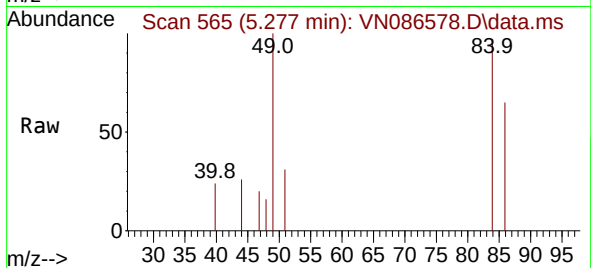
Tgt Ion: 43 Resp: 25986
Ion Ratio Lower Upper
43 100
58 32.5 25.3 37.9



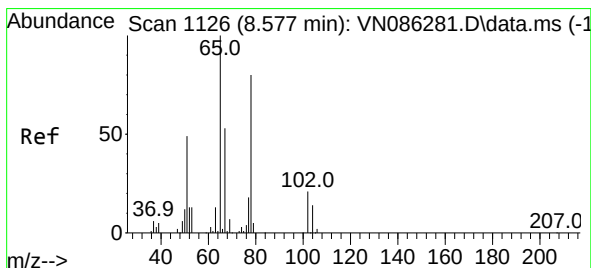
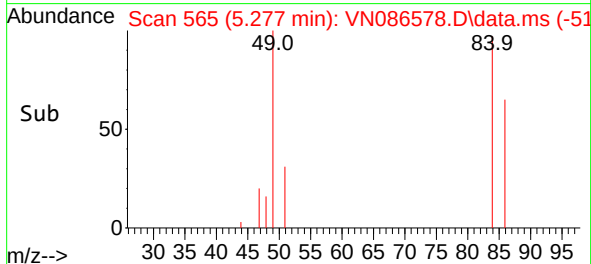
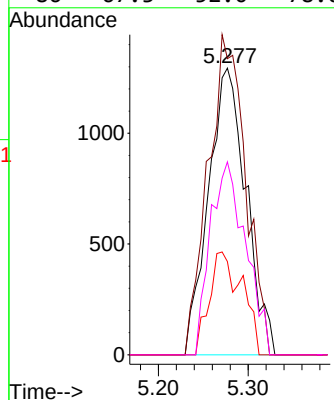


#20
Methylene Chloride
Concen: 1.553 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086578.D
Acq: 12 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#03

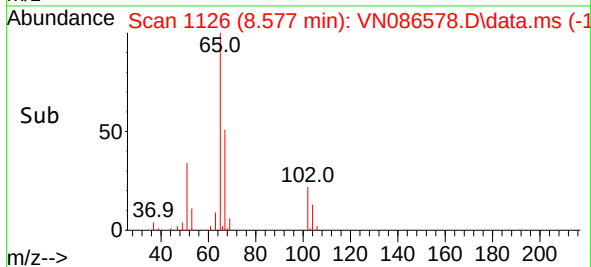
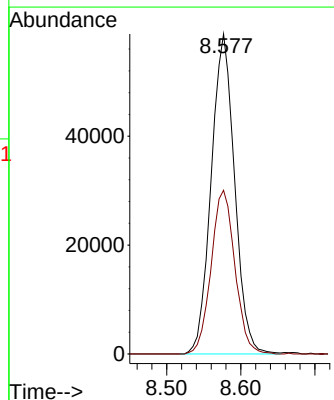
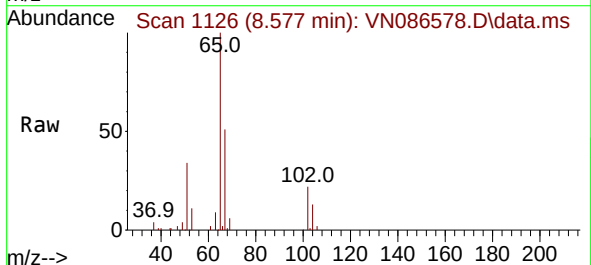


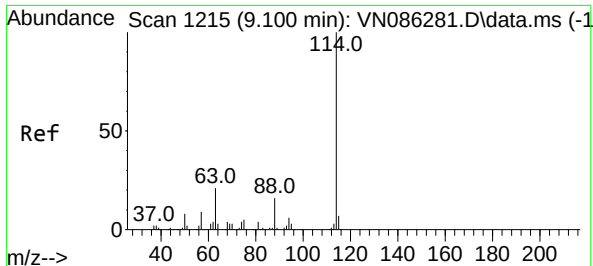
Tgt Ion:	84	Resp:	3771
Ion	Ratio	Lower	Upper
84	100		
49	103.3	98.2	147.2
51	32.5	29.8	44.6
86	67.3	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 49.124 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086578.D
Acq: 12 May 2025 14:04

Tgt Ion:	65	Resp:	128987
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: VN086578.D

Acq: 12 May 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB167932ZHE#03

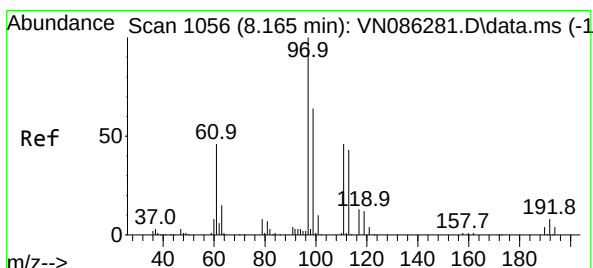
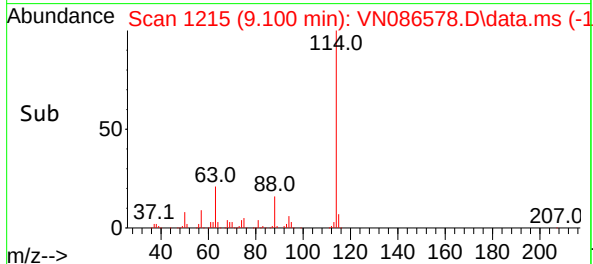
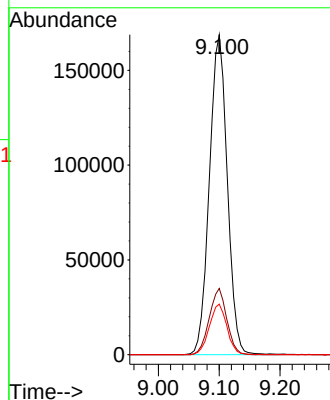
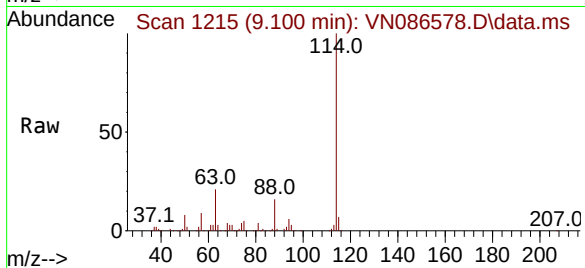
Tgt Ion:114 Resp: 344514

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 63.624 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086578.D

Acq: 12 May 2025 14:04

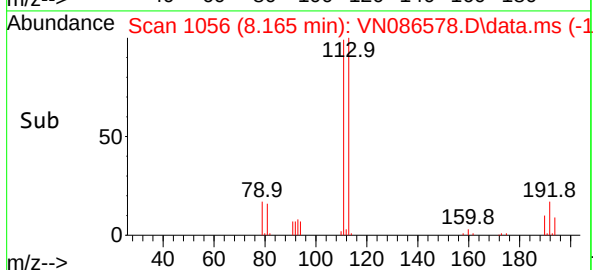
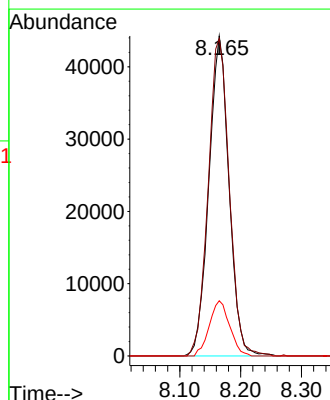
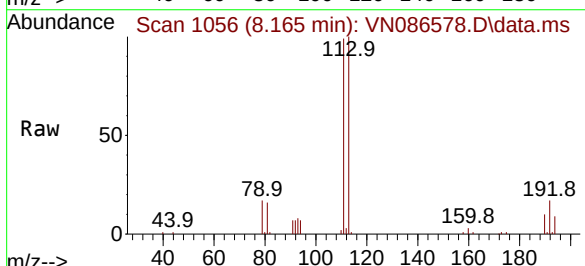
Tgt Ion:113 Resp: 101731

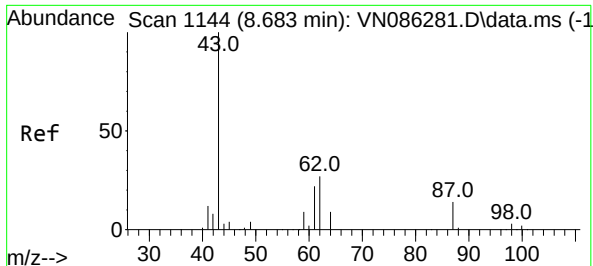
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.0

192 17.4 13.7 20.5





#43

Isopropyl Acetate

Concen: 2.511 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.005 min

Lab File: VN086578.D

Acq: 12 May 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB167932ZHE#03

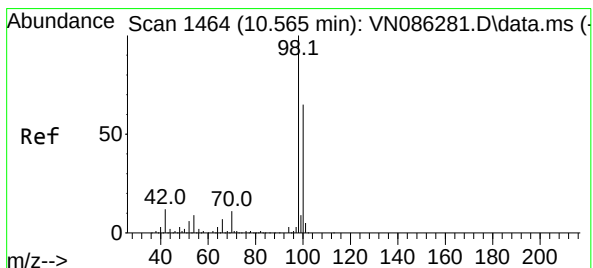
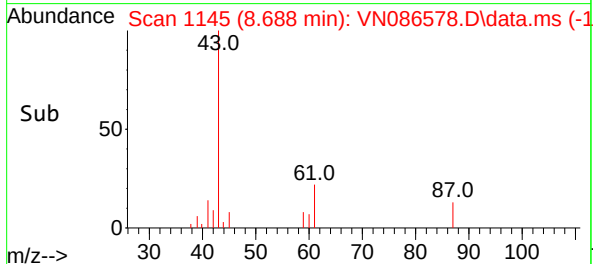
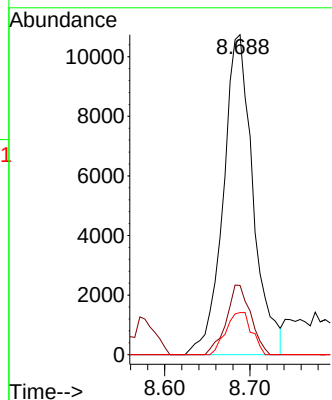
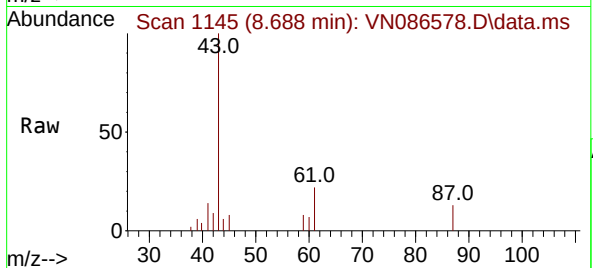
Tgt Ion: 43 Resp: 26104

Ion Ratio Lower Upper

43 100

61 17.8 20.5 30.7#

87 11.4 10.5 15.7



#50

Toluene-d8

Concen: 51.141 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086578.D

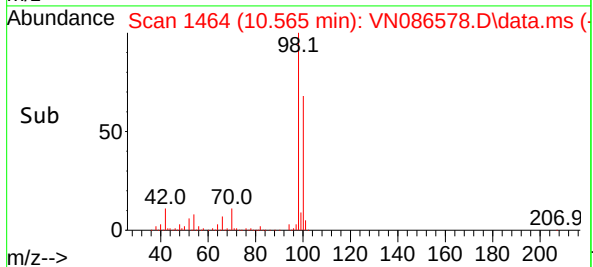
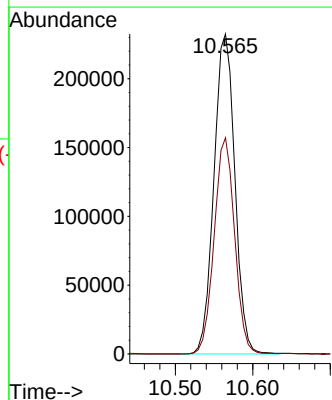
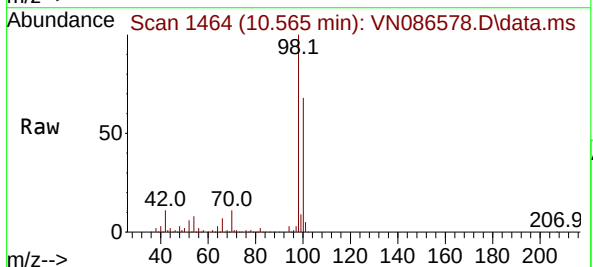
Acq: 12 May 2025 14:04

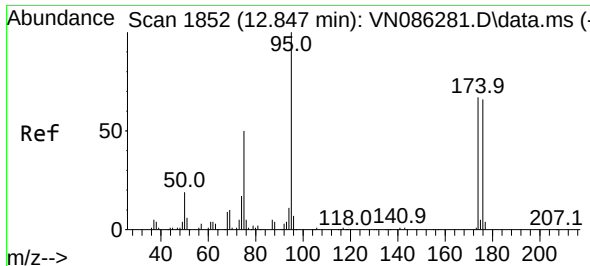
Tgt Ion: 98 Resp: 437021

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7

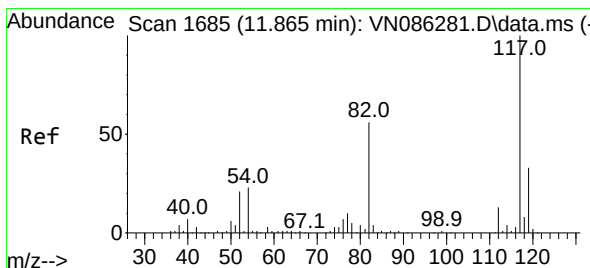
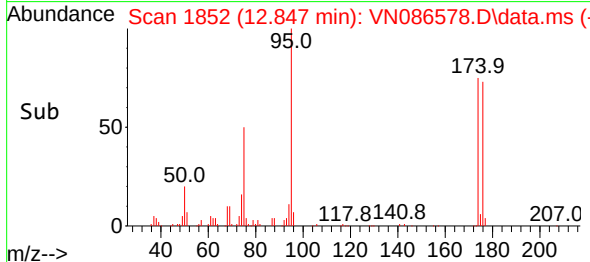
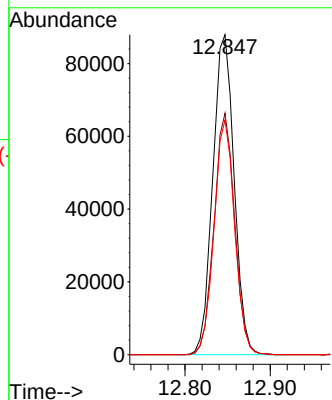
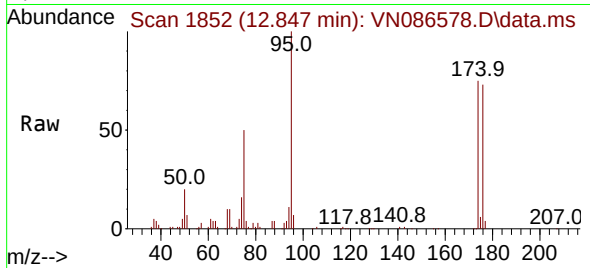




#62
4-Bromofluorobenzene
Concen: 49.075 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086578.D
Acq: 12 May 2025 14:04

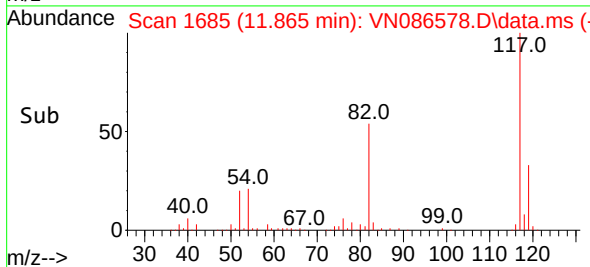
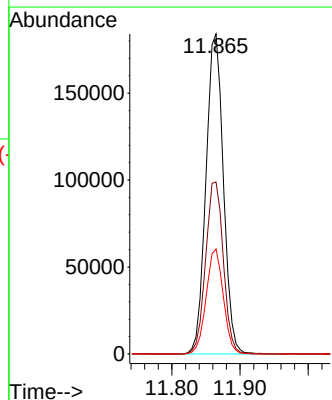
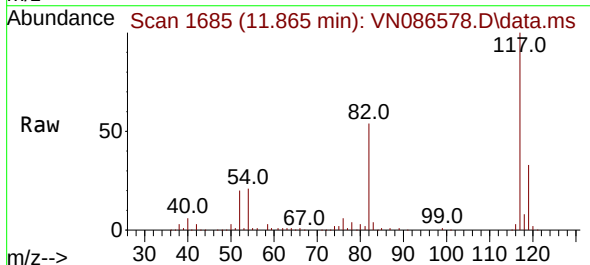
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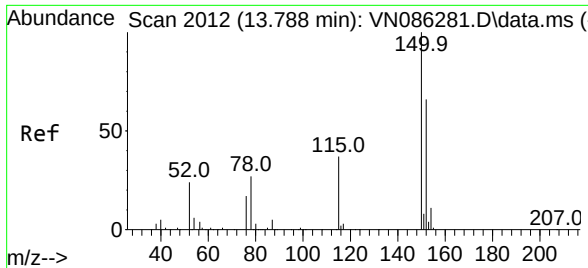
Tgt Ion: 95 Resp: 152963
Ion Ratio Lower Upper
95 100
174 73.1 0.0 133.4
176 70.8 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086578.D
Acq: 12 May 2025 14:04

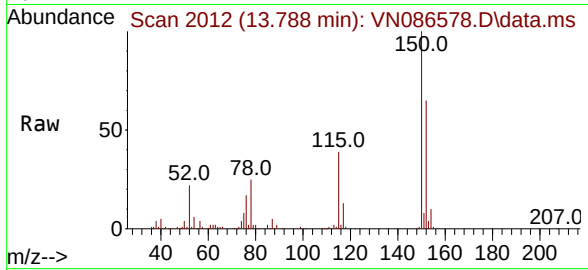
Tgt Ion: 117 Resp: 327446
Ion Ratio Lower Upper
117 100
82 53.7 44.7 67.1
119 32.8 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086578.D
 Acq: 12 May 2025 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#03



Tgt Ion:	152	Resp:	133345
Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.9	95.9
150	157.5	0.0	352.0

