

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
 Data File : VN087253.D
 Acq On : 01 Jul 2025 11:36
 Operator : JC\MD
 Sample : PB168653TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168653TB

Quant Time: Jul 02 02:00:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

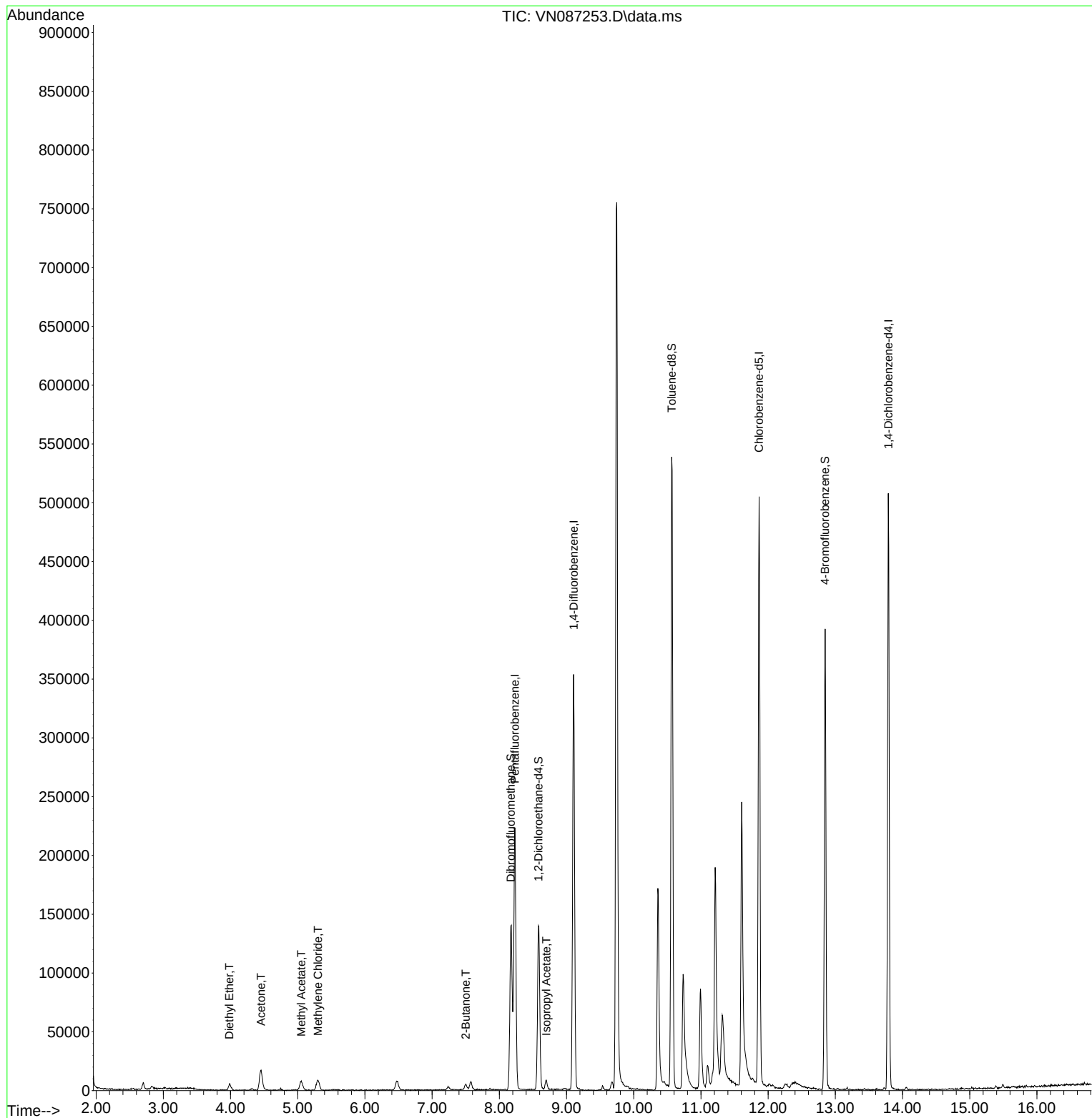
Internal Standards						
1) Pentafluorobenzene	8.230	168	172658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	324161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117541	54.242	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.480%		
35) Dibromofluoromethane	8.171	113	106666	51.390	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.780%		
50) Toluene-d8	10.565	98	393820	48.677	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.360%		
62) 4-Bromofluorobenzene	12.847	95	134358	46.674	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 93.340%		
Target Compounds						
						Qvalue
8) Diethyl Ether	3.983	74	3514	3.783	ug/l	95
16) Acetone	4.453	43	33907	40.928	ug/l	96
18) Methyl Acetate	5.053	43	15710	8.283	ug/l	97
20) Methylene Chloride	5.300	84	8013	4.366	ug/l #	88
25) 2-Butanone	7.500	43	7827	6.046	ug/l #	88
43) Isopropyl Acetate	8.700	43	8969	1.906	ug/l	92

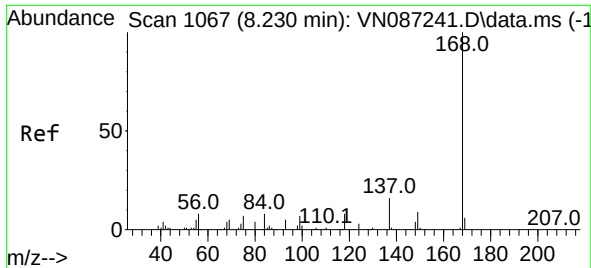
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
Data File : VN087253.D
Acq On : 01 Jul 2025 11:36
Operator : JC\MD
Sample : PB168653TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB168653TB

Quant Time: Jul 02 02:00:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

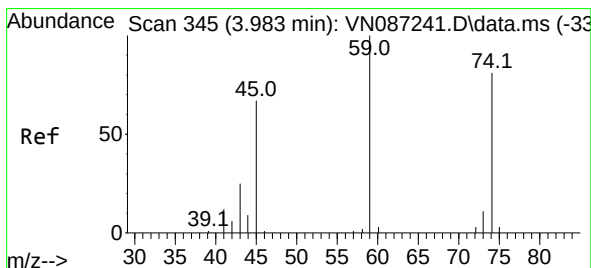
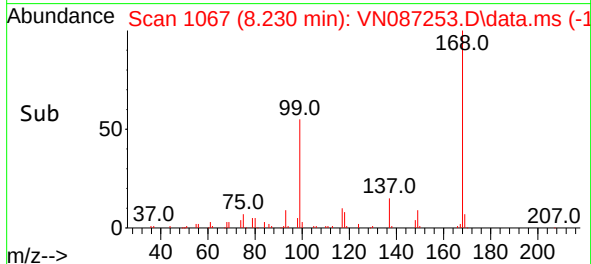
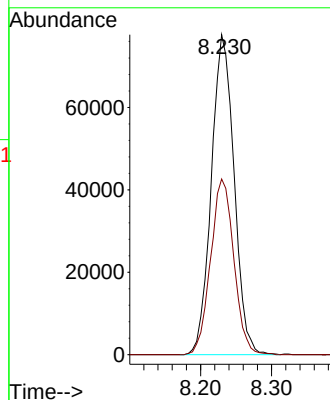
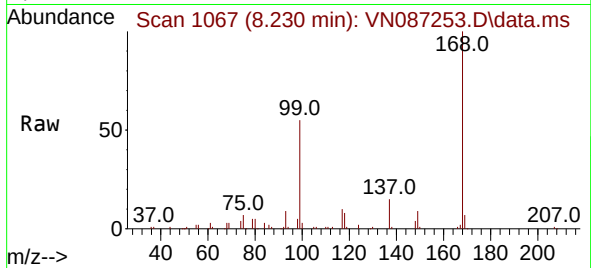




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

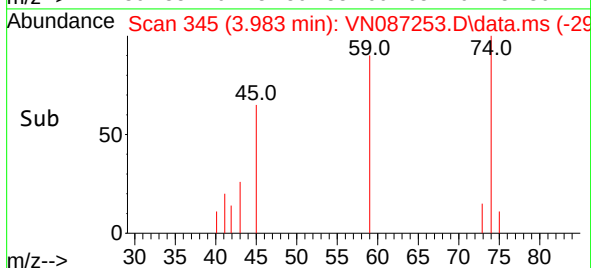
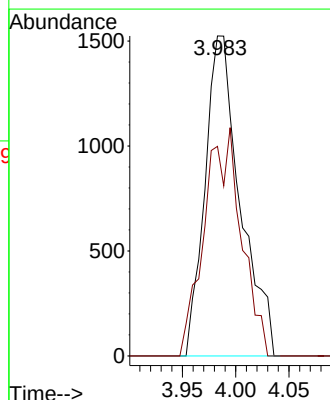
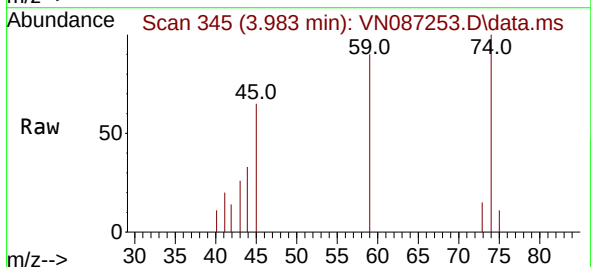
Instrument :
MSVOA_N
ClientSampleId :
PB168653TB

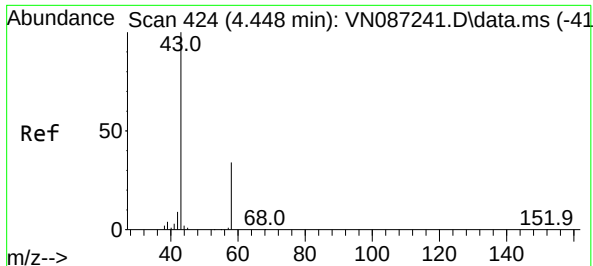
Tgt Ion:168 Resp: 172658
Ion Ratio Lower Upper
168 100
99 54.9 42.6 64.0



#8
Diethyl Ether
Concen: 3.783 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

Tgt Ion: 74 Resp: 3514
Ion Ratio Lower Upper
74 100
45 74.4 39.4 118.1

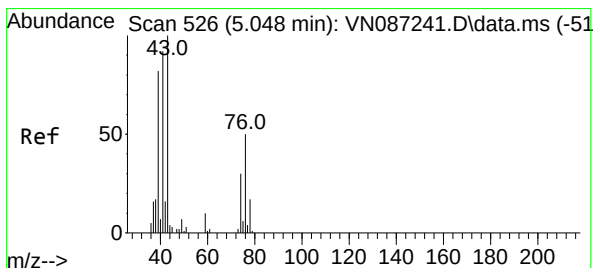
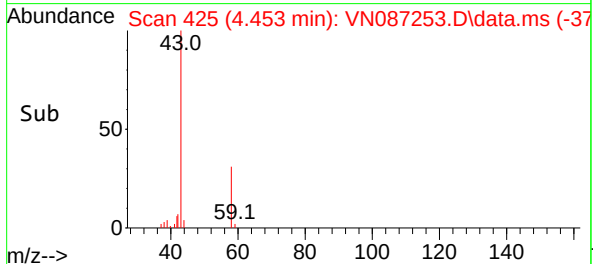
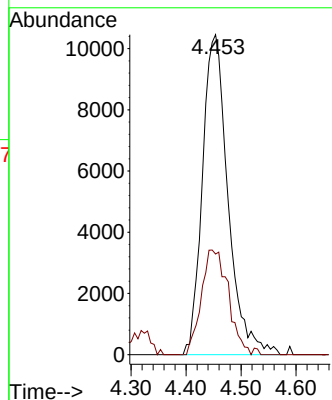
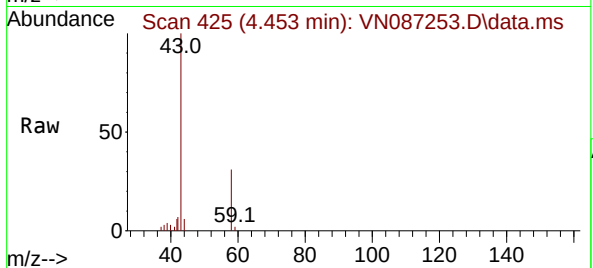




#16
Acetone
Concen: 40.928 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

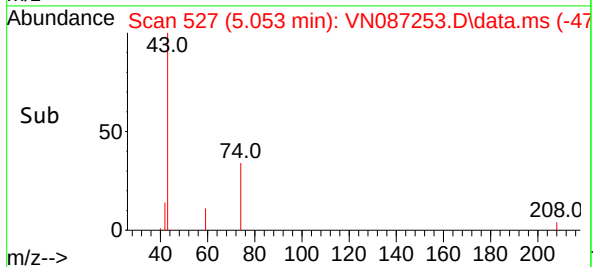
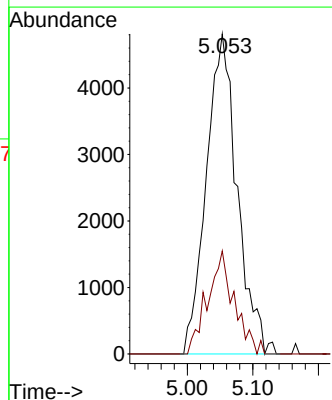
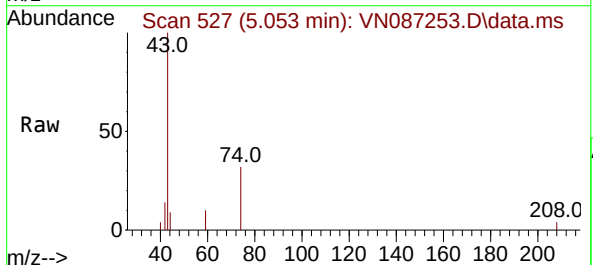
Instrument :
MSVOA_N
ClientSampleId :
PB168653TB

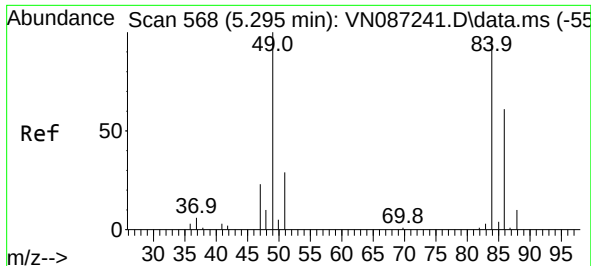
Tgt Ion: 43 Resp: 33907
Ion Ratio Lower Upper
43 100
58 31.5 27.1 40.7



#18
Methyl Acetate
Concen: 8.283 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

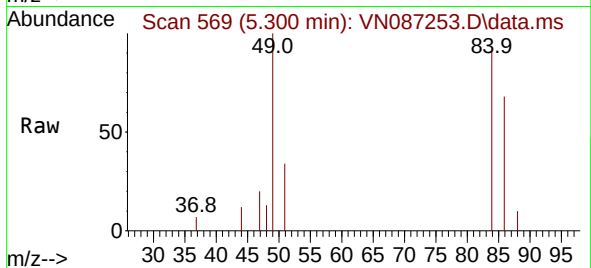
Tgt Ion: 43 Resp: 15710
Ion Ratio Lower Upper
43 100
74 27.9 23.8 35.6



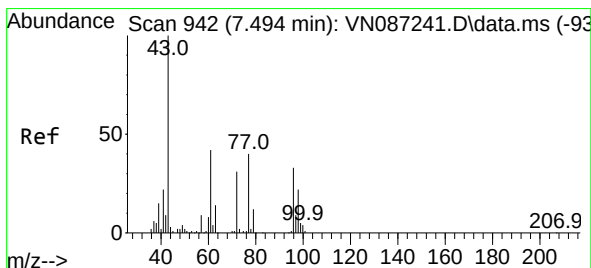
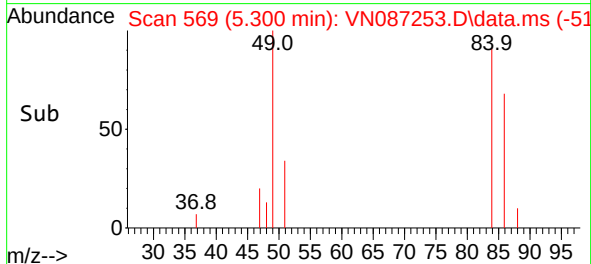
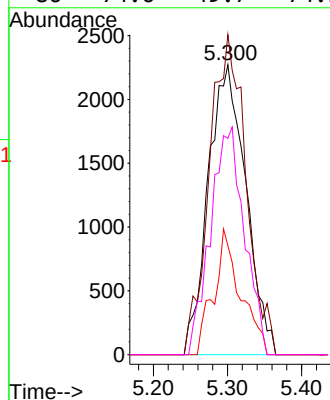


#20
Methylene Chloride
Concen: 4.366 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

Instrument :
MSVOA_N
ClientSampleId :
PB168653TB

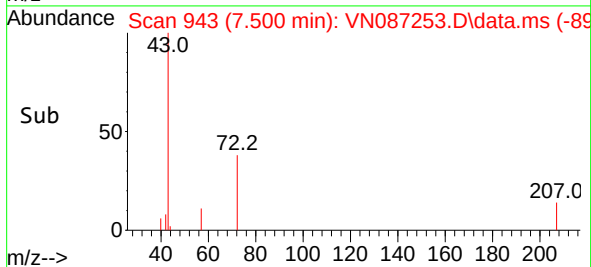
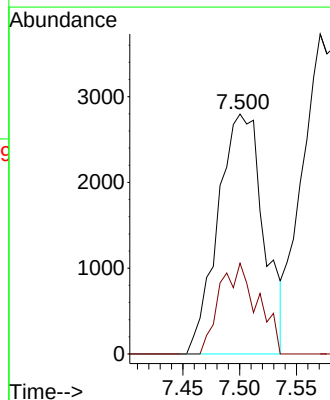
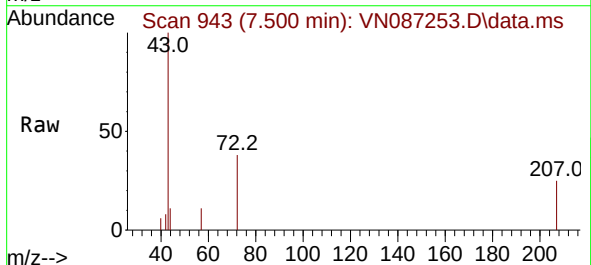


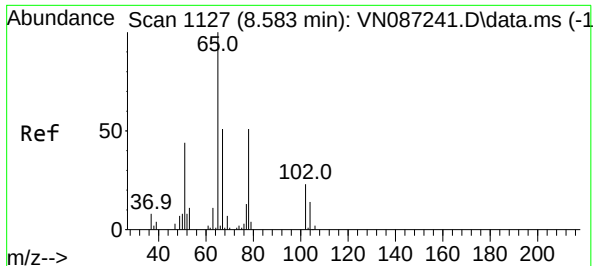
Tgt Ion: 84	Resp: 8013
Ion Ratio	Lower Upper
84 100	
49 110.3	82.1 123.1
51 37.6	23.5 35.3#
86 74.6	49.7 74.5#



#25
2-Butanone
Concen: 6.046 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

Tgt Ion: 43	Resp: 7827		
Ion Ratio	Lower	Upper	
43 100			
72 37.8	24.8	37.2#	





#33

1,2-Dichloroethane-d4

Concen: 54.242 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087253.D

Acq: 01 Jul 2025 11:36

Instrument :

MSVOA_N

ClientSampleId :

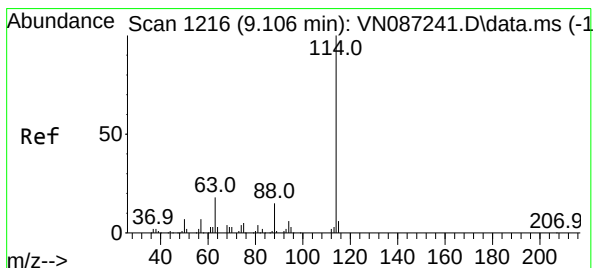
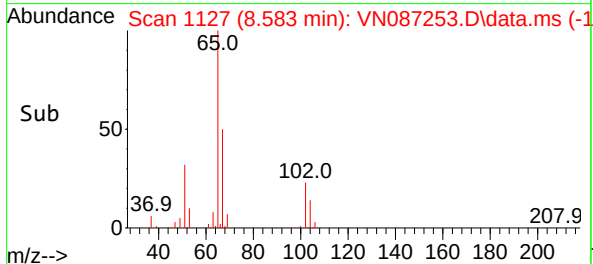
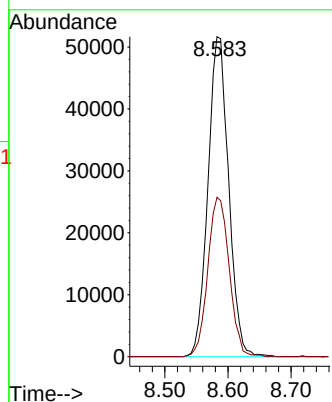
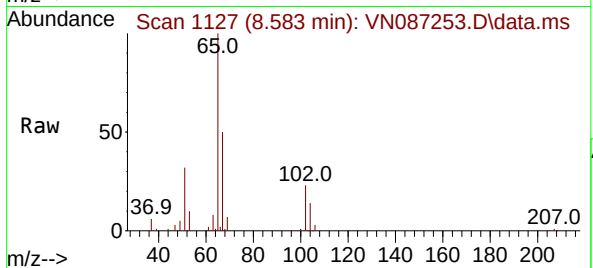
PB168653TB

Tgt Ion: 65 Resp: 117541

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087253.D

Acq: 01 Jul 2025 11:36

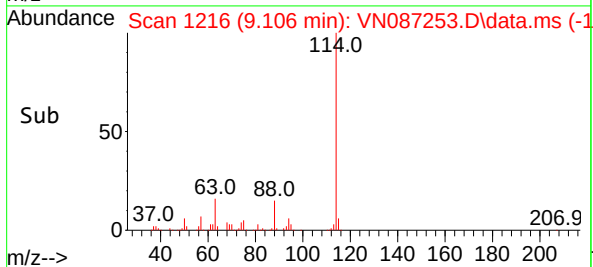
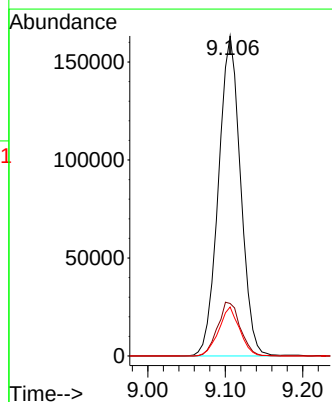
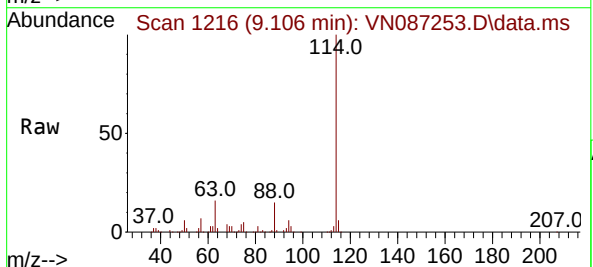
Tgt Ion: 114 Resp: 324161

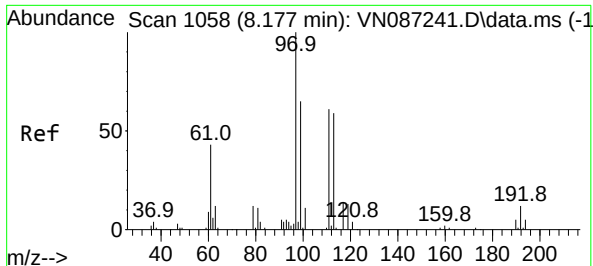
Ion Ratio Lower Upper

114 100

63 16.4 0.0 36.6

88 15.3 0.0 29.6

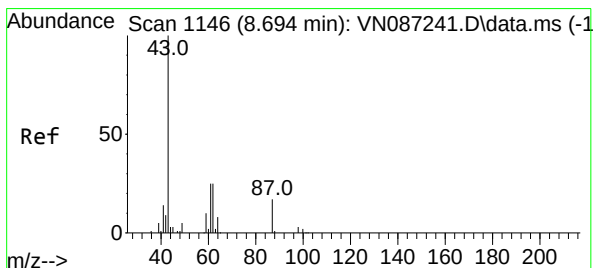
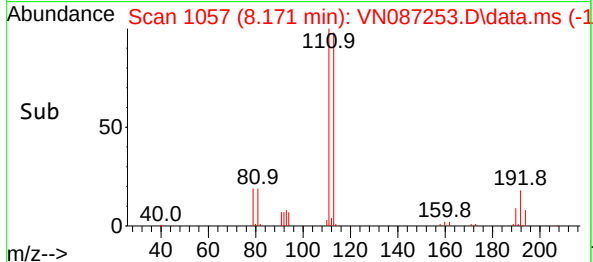
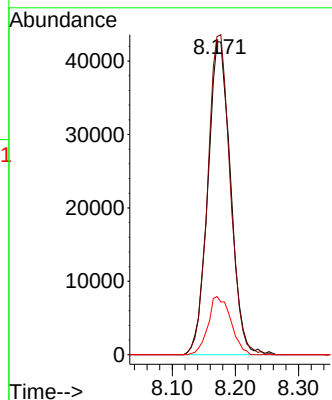
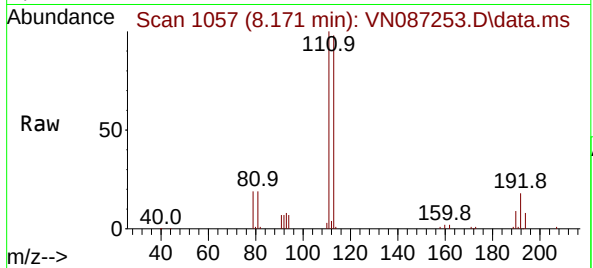




#35
Dibromofluoromethane
Concen: 51.390 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

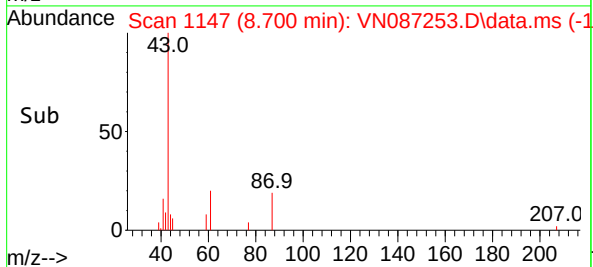
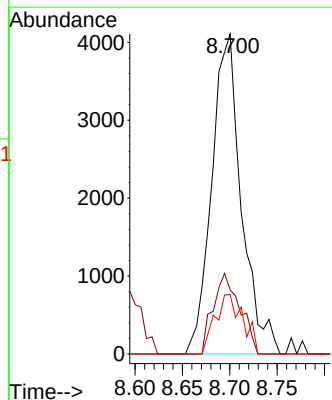
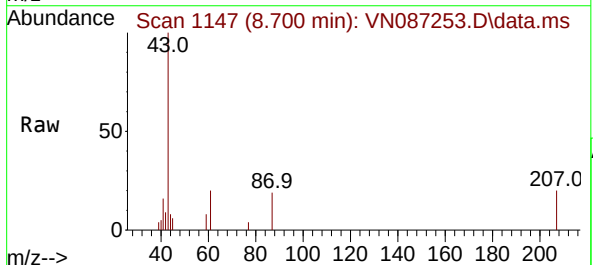
Instrument :
MSVOA_N
ClientSampleId :
PB168653TB

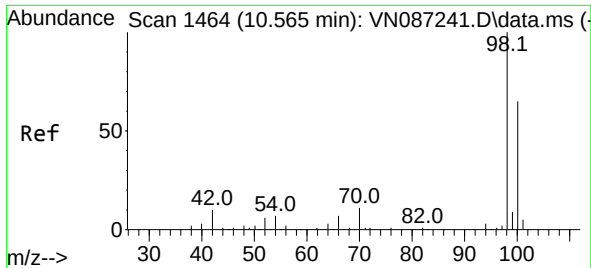
Tgt Ion:113 Resp: 106666
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.2
192 18.6 15.1 22.7



#43
Isopropyl Acetate
Concen: 1.906 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

Tgt Ion: 43 Resp: 8969
Ion Ratio Lower Upper
43 100
61 22.6 22.4 33.6
87 17.3 12.8 19.2

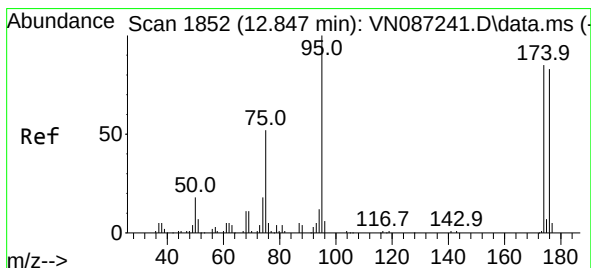
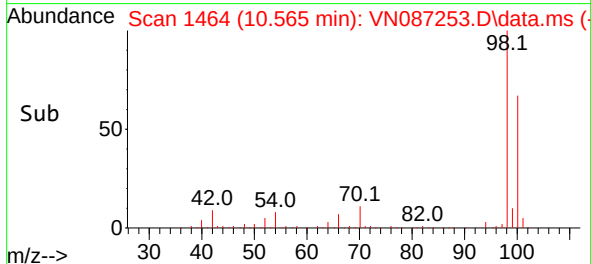
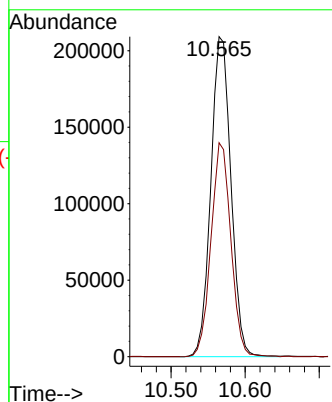
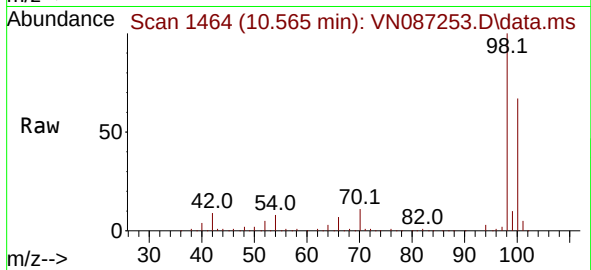




#50
Toluene-d8
Concen: 48.677 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

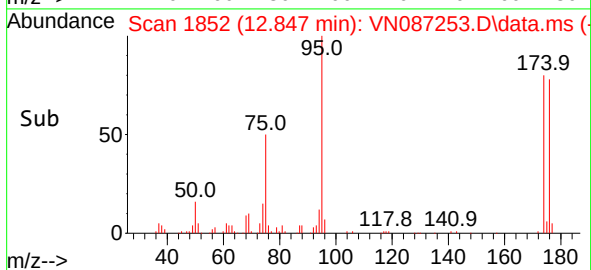
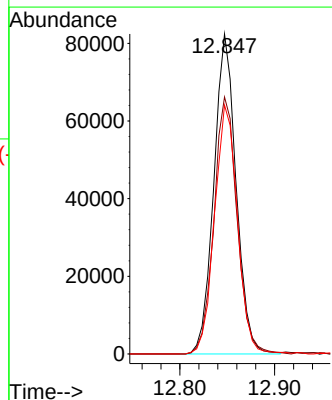
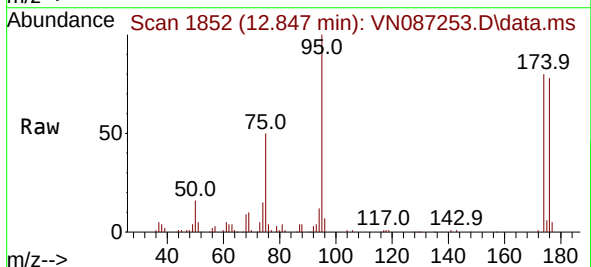
Instrument :
MSVOA_N
ClientSampleId :
PB168653TB

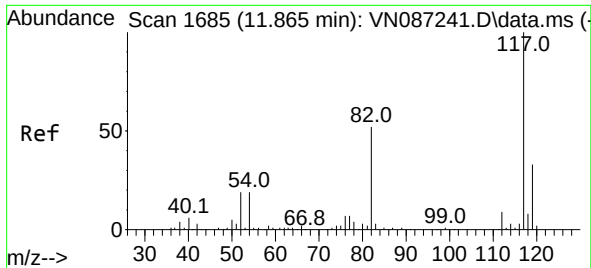
Tgt Ion: 98 Resp: 393820
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.674 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

Tgt Ion: 95 Resp: 134358
Ion Ratio Lower Upper
95 100
174 83.4 0.0 169.6
176 80.7 0.0 161.6

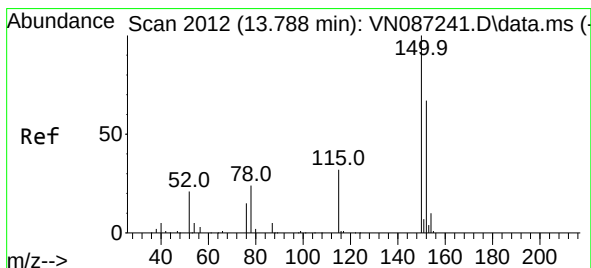
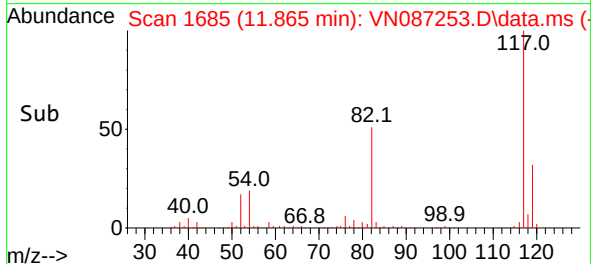
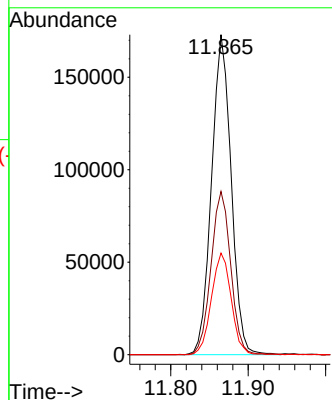
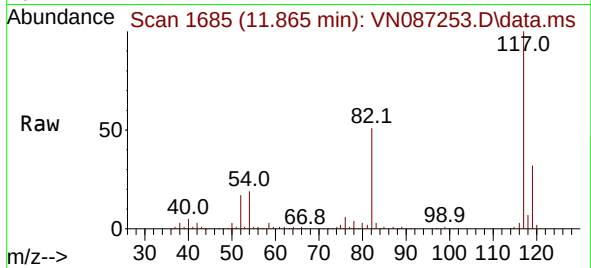




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

Instrument :
MSVOA_N
ClientSampleId :
PB168653TB

Tgt Ion:117 Resp: 305295
Ion Ratio Lower Upper
117 100
82 51.0 41.9 62.9
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087253.D
Acq: 01 Jul 2025 11:36

Tgt Ion:152 Resp: 146928
Ion Ratio Lower Upper
152 100
115 57.7 28.3 84.9
150 156.1 0.0 344.6

