

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086059.D
 Acq On : 21 Mar 2025 22:55
 Operator : JC\MD
 Sample : Q1606-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT3025

Quant Time: Mar 21 23:59:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

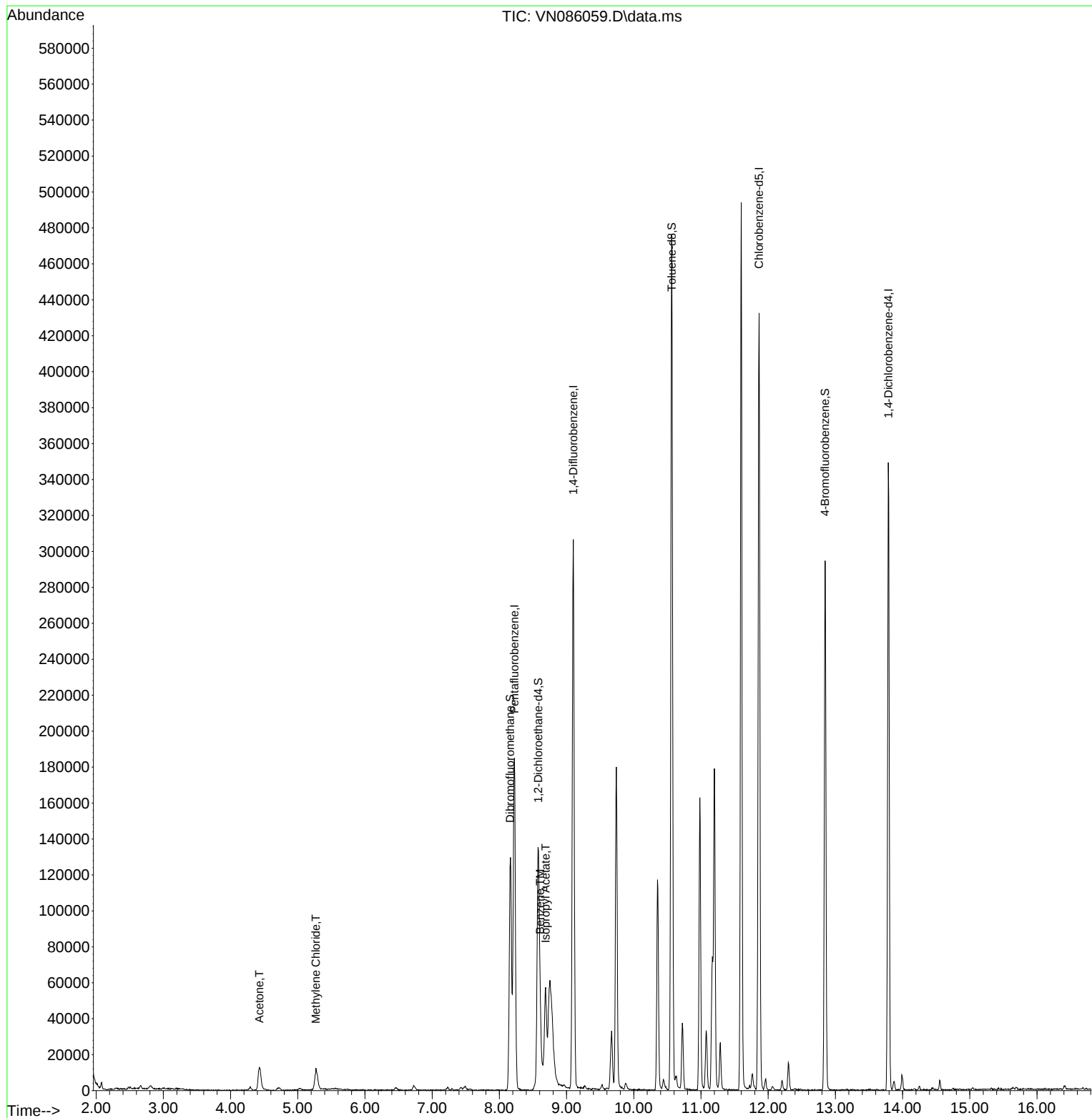
Internal Standards						
1) Pentafluorobenzene	8.224	168	134777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110383	59.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.620%
35) Dibromofluoromethane	8.159	113	91986	50.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.340%
50) Toluene-d8	10.565	98	336768	51.114	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.847	95	101074	43.016	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.040%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	24763	43.919	ug/l	96
20) Methylene Chloride	5.271	84	9512	5.767	ug/l	91
40) Benzene	8.606	78	47260	6.298	ug/l	99
43) Isopropyl Acetate	8.688	43	67458	15.437	ug/l #	77

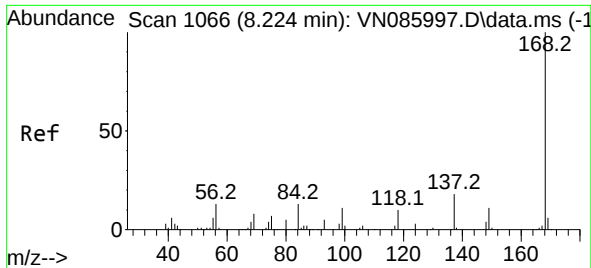
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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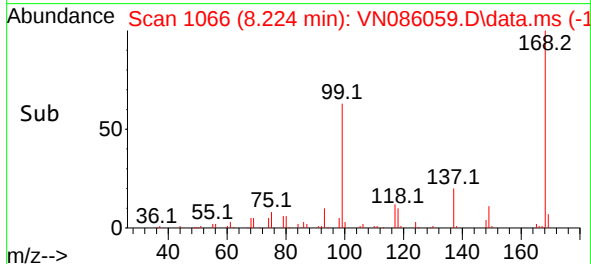
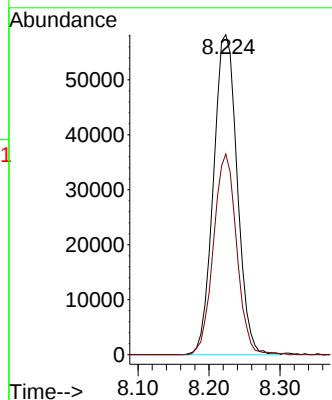
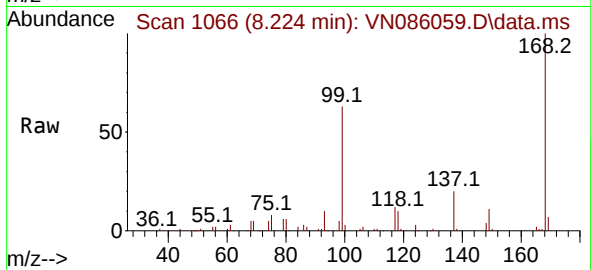




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

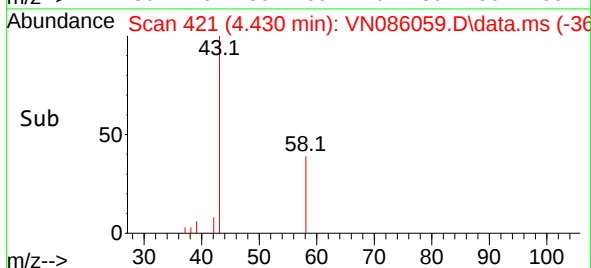
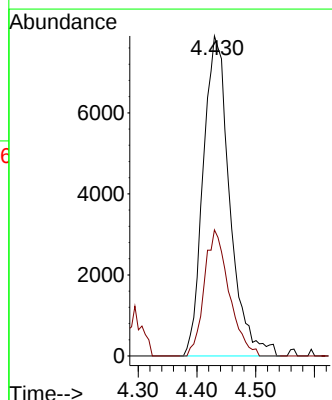
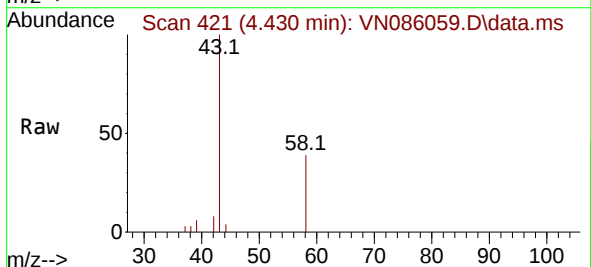
Instrument :
MSVOA_N
ClientSampleId :
RT3025

Tgt Ion:168 Resp: 134777
Ion Ratio Lower Upper
168 100
99 62.7 49.4 74.2



#16
Acetone
Concen: 43.919 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

Tgt Ion: 43 Resp: 24763
Ion Ratio Lower Upper
43 100
58 39.4 29.4 44.2

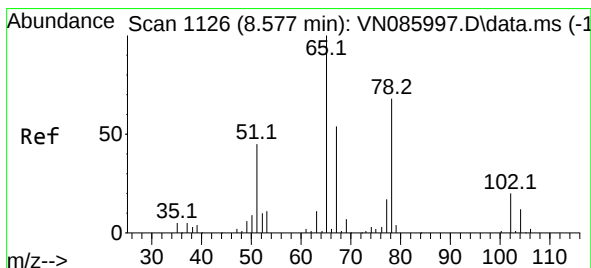
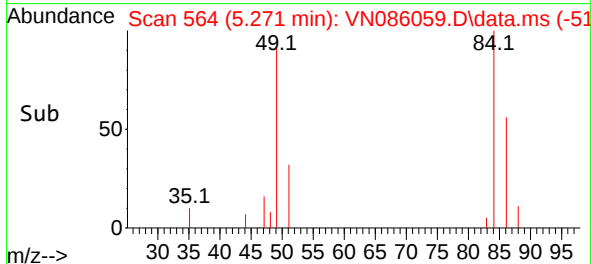
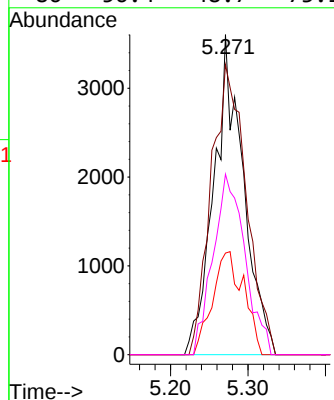
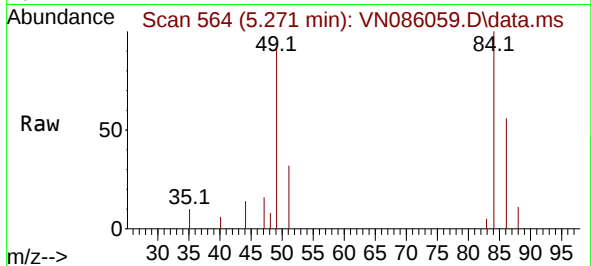




#20
Methylene Chloride
Concen: 5.767 ug/l
RT: 5.271 min Scan# 512
Delta R.T. -0.000 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

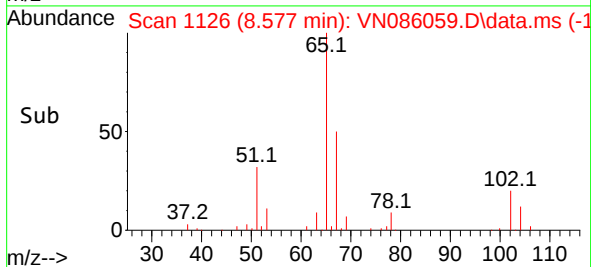
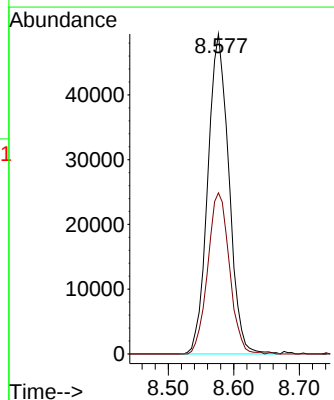
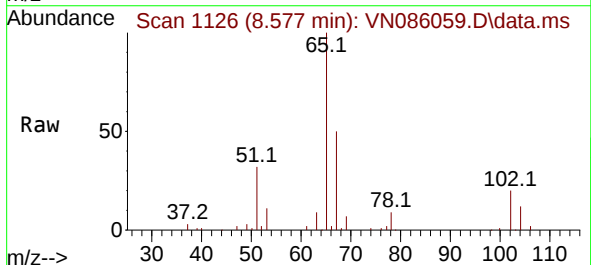
Instrument :
MSVOA_N
ClientSampleId :
RT3025

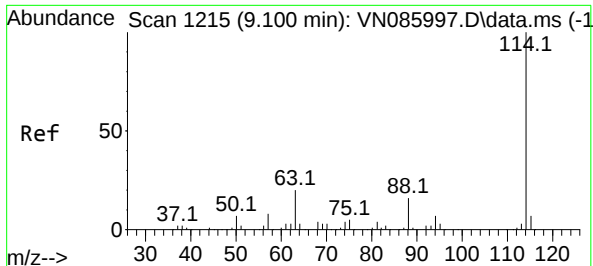
Tgt Ion: 84	Resp: 9512
Ion Ratio	Lower Upper
84 100	
49 90.6	83.3 124.9
51 31.8	24.8 37.2
86 56.4	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 59.810 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

Tgt Ion: 65	Resp: 110383
Ion Ratio	Lower Upper
65 100	
67 51.7	0.0 102.2

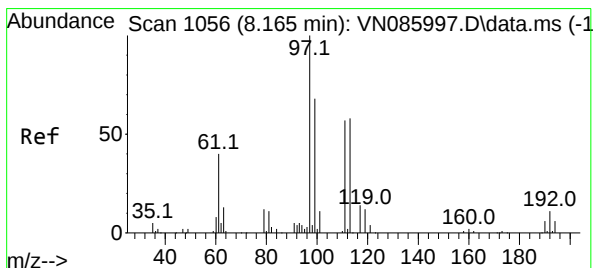
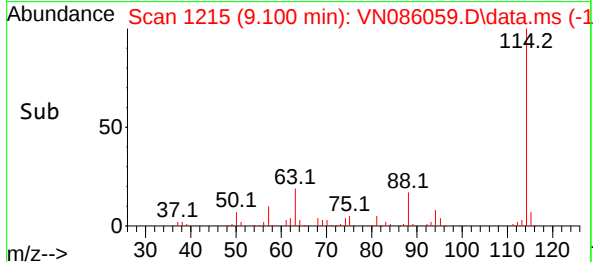
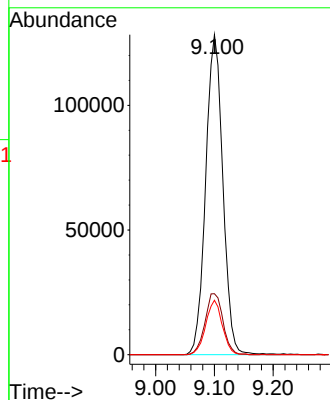
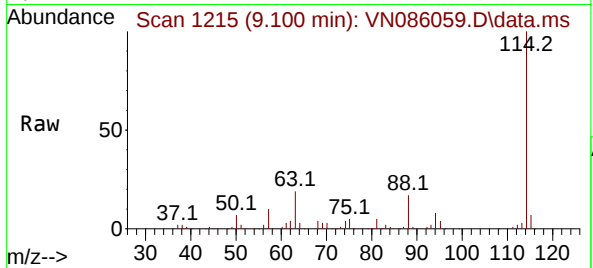




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

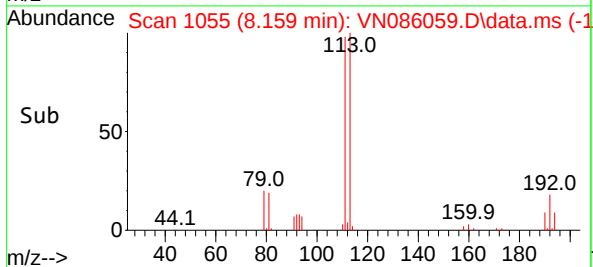
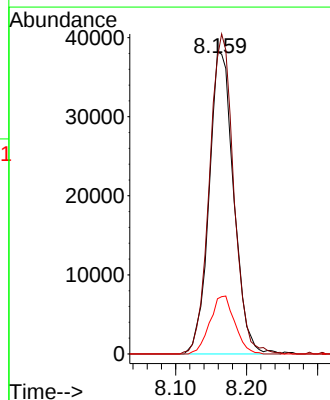
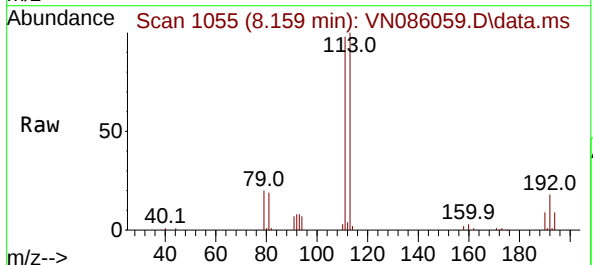
Instrument :
MSVOA_N
ClientSampleId :
RT3025

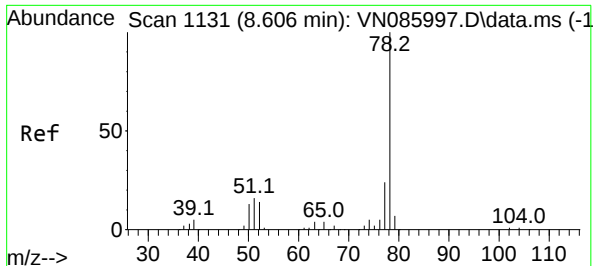
Tgt Ion:114 Resp: 260087
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 17.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.671 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

Tgt Ion:113 Resp: 91986
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.8
192 19.3 15.9 23.9

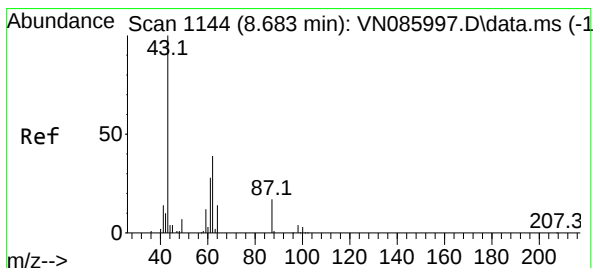
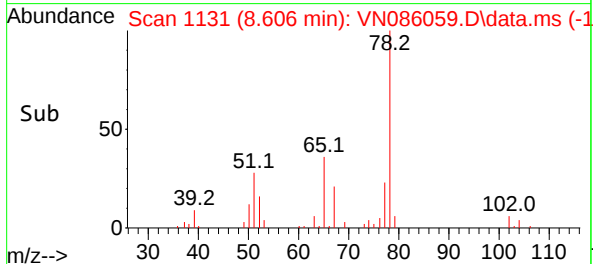
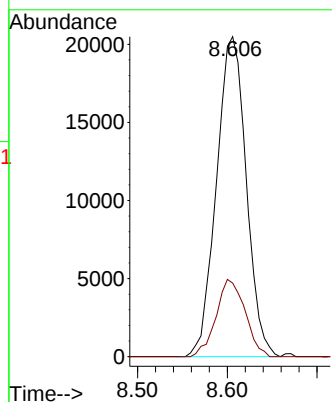
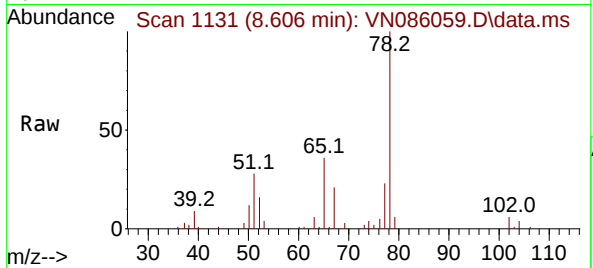




#40
Benzene
Concen: 6.298 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

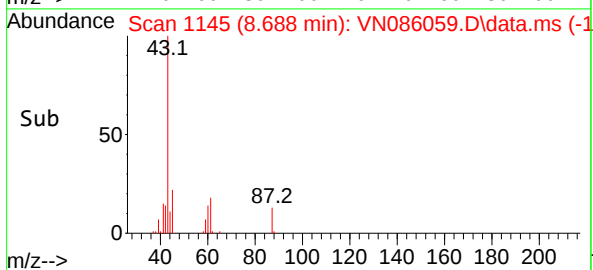
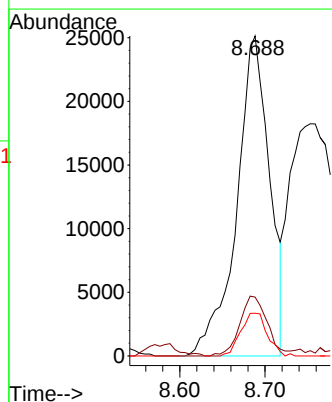
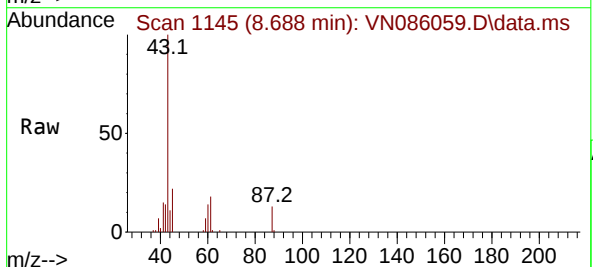
Instrument :
MSVOA_N
ClientSampleId :
RT3025

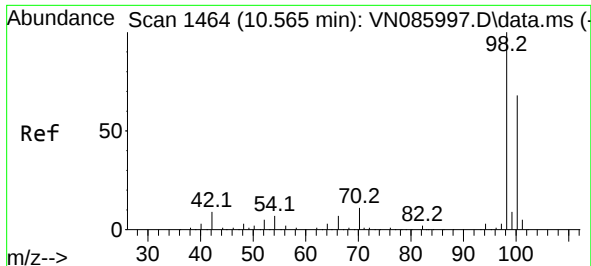
Tgt Ion: 78 Resp: 47260
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3



#43
Isopropyl Acetate
Concen: 15.437 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

Tgt Ion: 43 Resp: 67458
Ion Ratio Lower Upper
43 100
61 15.6 25.0 37.6#
87 10.8 13.0 19.4#

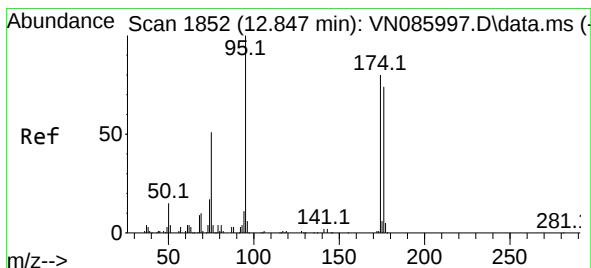
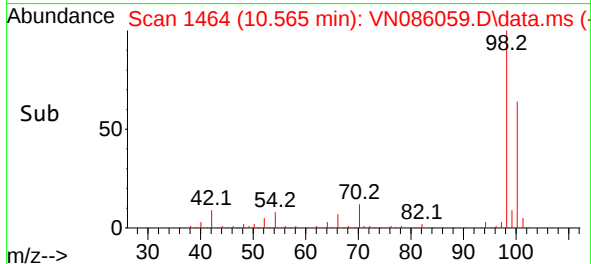
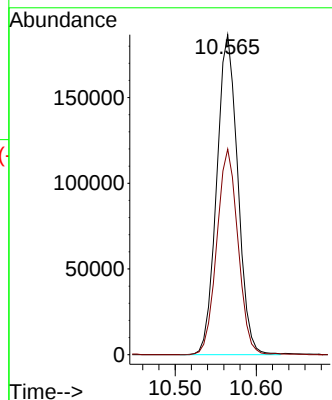
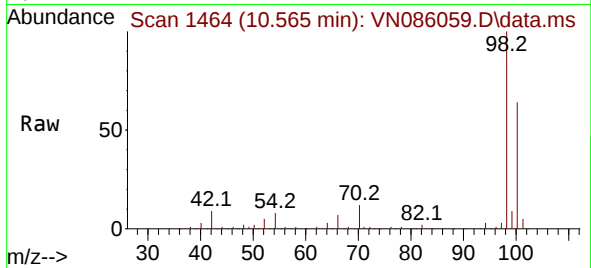




#50
Toluene-d8
Concen: 51.114 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

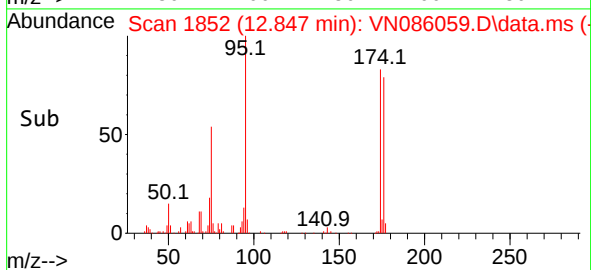
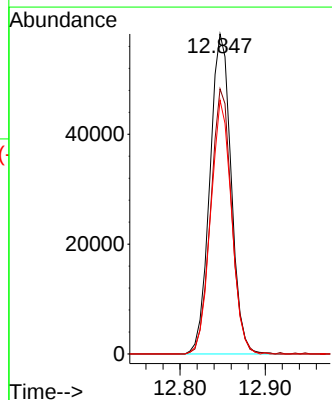
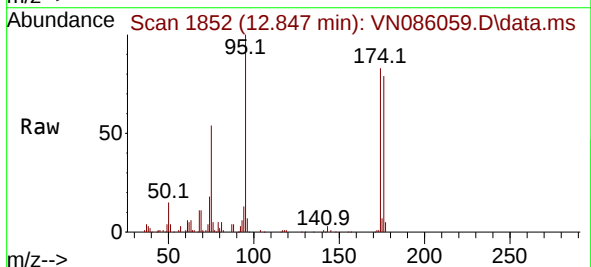
Instrument :
MSVOA_N
ClientSampleId :
RT3025

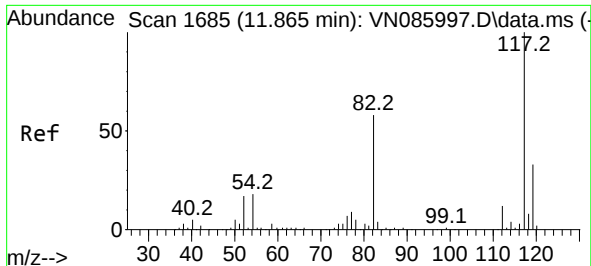
Tgt Ion: 98 Resp: 336768
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.016 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

Tgt Ion: 95 Resp: 101074
Ion Ratio Lower Upper
95 100
174 81.8 0.0 156.8
176 77.8 0.0 152.2

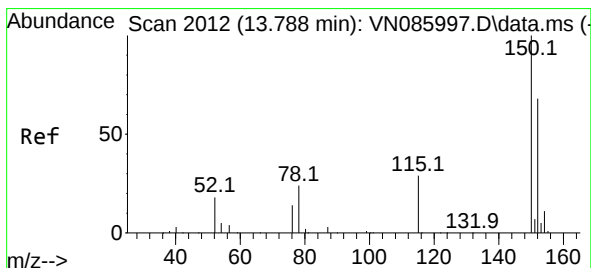
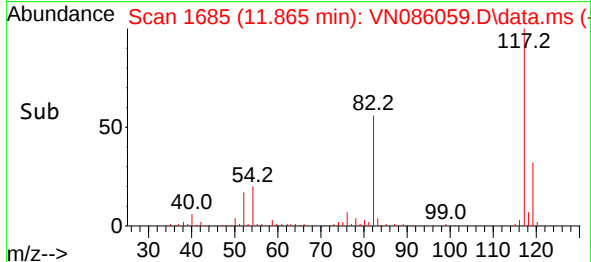
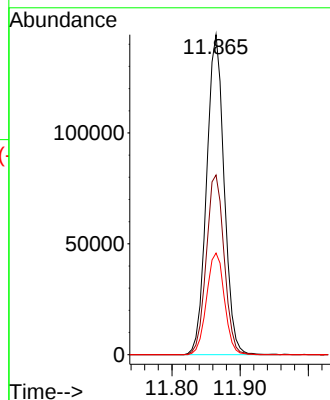
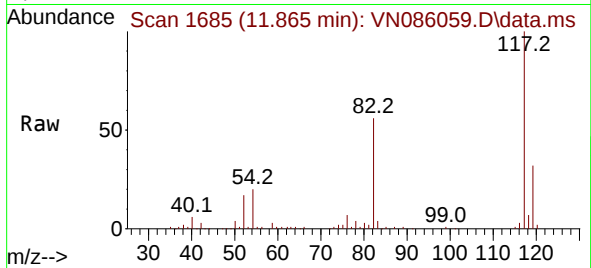




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

Instrument :
MSVOA_N
ClientSampleId :
RT3025

Tgt Ion:117 Resp: 258020
Ion Ratio Lower Upper
117 100
82 56.1 46.7 70.1
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086059.D
Acq: 21 Mar 2025 22:55

Tgt Ion:152 Resp: 97446
Ion Ratio Lower Upper
152 100
115 61.8 31.1 93.2
150 157.7 0.0 359.6

