

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087061.D
 Acq On : 17 Jun 2025 15:47
 Operator : JC\MD
 Sample : Q2320-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC

Quant Time: Jun 18 01:49:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

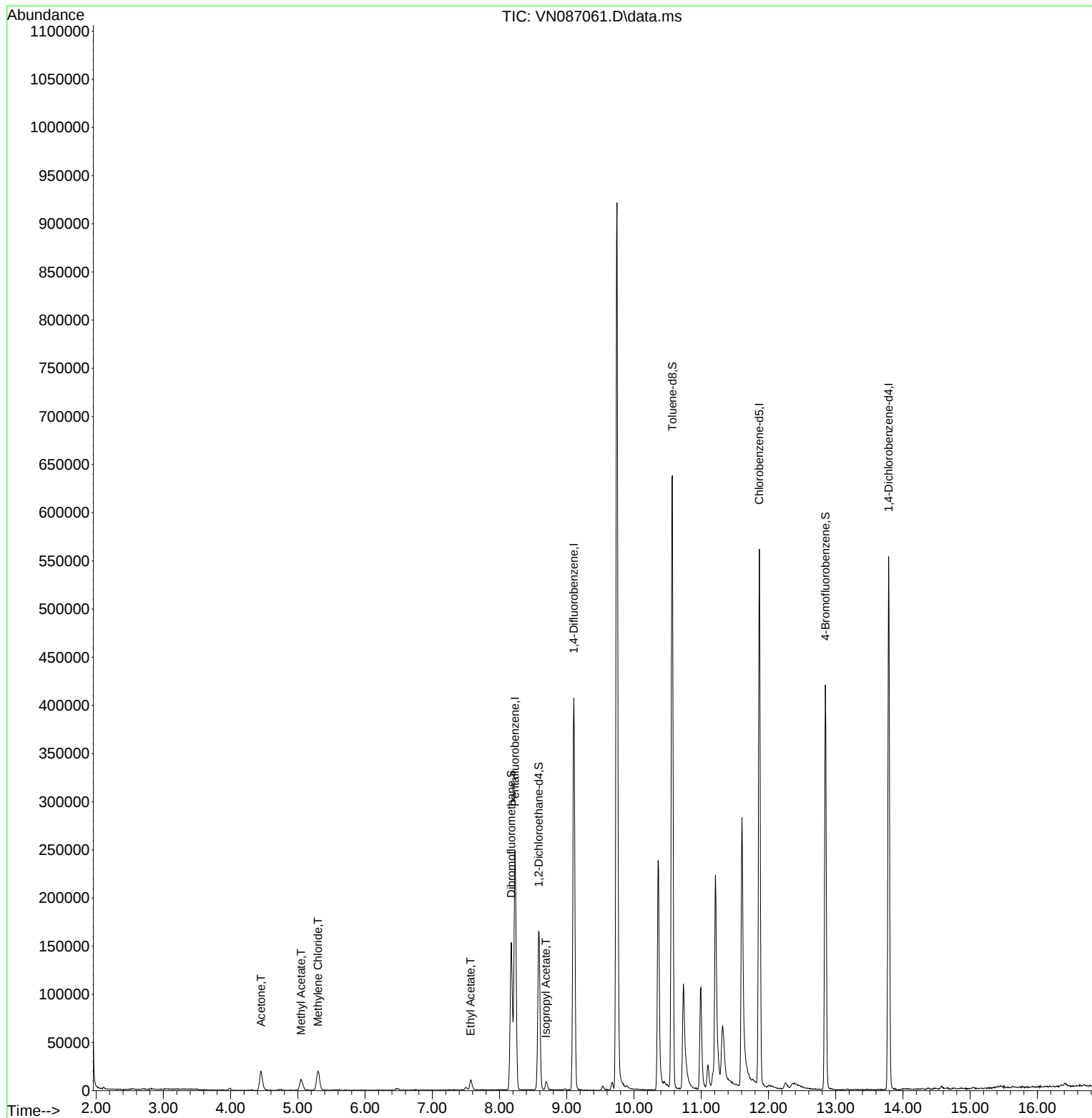
Internal Standards						
1) Pentafluorobenzene	8.230	168	195874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	390146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	350367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	166331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135617	51.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.420%
35) Dibromofluoromethane	8.177	113	116277	50.291	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	10.571	98	477810	52.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.847	95	167714	49.319	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.640%
Target Compounds						
						Qvalue
16) Acetone	4.453	43	37986	27.313	ug/l	92
18) Methyl Acetate	5.047	43	25284	6.239	ug/l	99
20) Methylene Chloride	5.300	84	18024	6.922	ug/l	93
37) Ethyl Acetate	7.571	43	16391	3.737	ug/l	98
43) Isopropyl Acetate	8.688	43	10650	1.513	ug/l	94

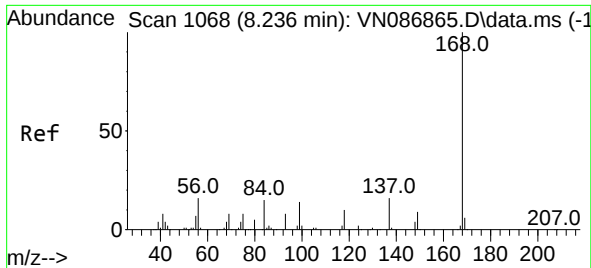
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
Data File : VN087061.D
Acq On : 17 Jun 2025 15:47
Operator : JC\MD
Sample : Q2320-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC

Quant Time: Jun 18 01:49:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

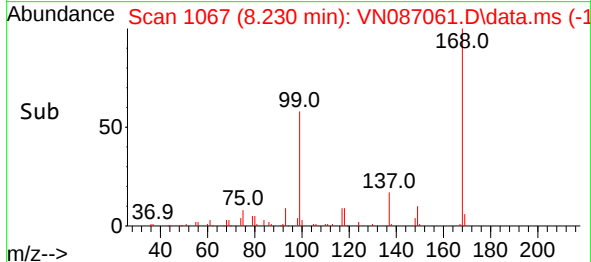
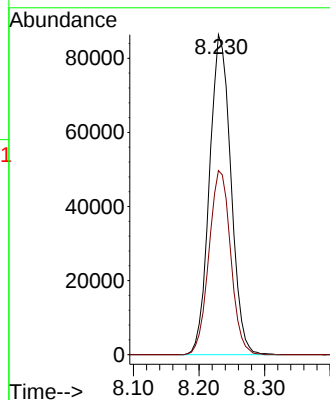
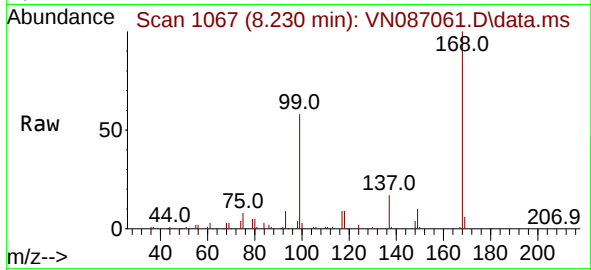




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087061.D
Acq: 17 Jun 2025 15:47

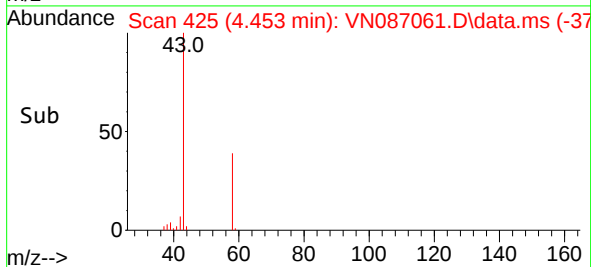
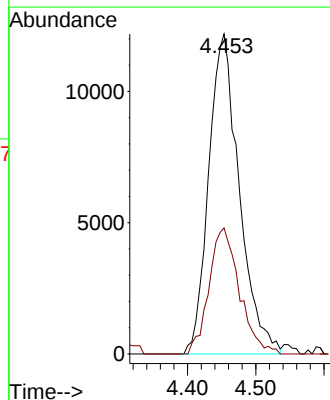
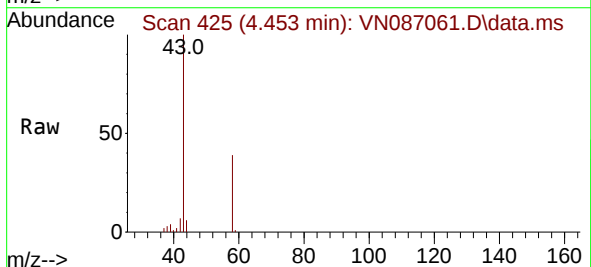
Instrument :
MSVOA_N
ClientSampleId :
WC

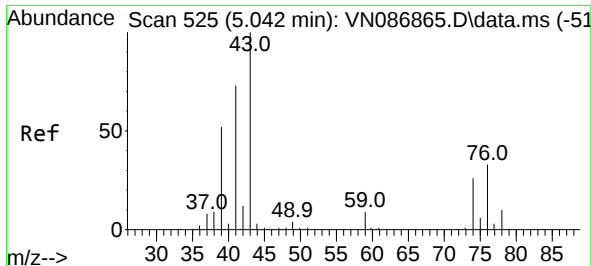
Tgt Ion:168 Resp: 195874
Ion Ratio Lower Upper
168 100
99 57.6 49.1 73.7



#16
Acetone
Concen: 27.313 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087061.D
Acq: 17 Jun 2025 15:47

Tgt Ion: 43 Resp: 37986
Ion Ratio Lower Upper
43 100
58 39.4 28.0 42.0

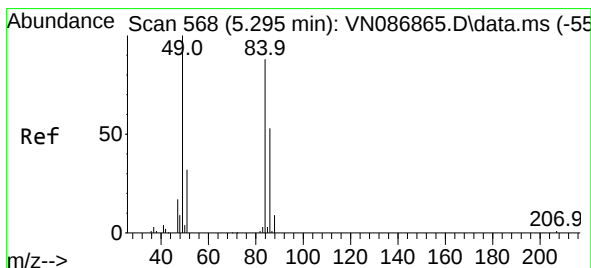
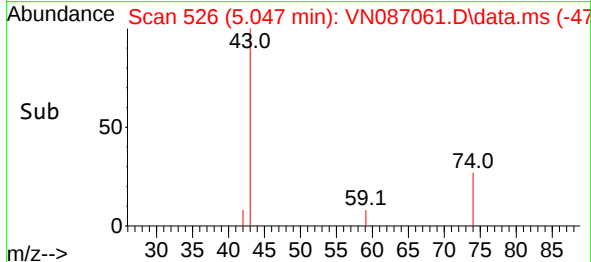
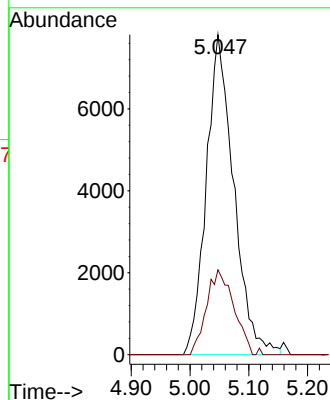
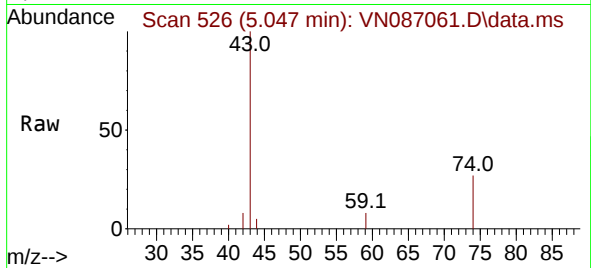




#18
Methyl Acetate
Concen: 6.239 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087061.D
Acq: 17 Jun 2025 15:47

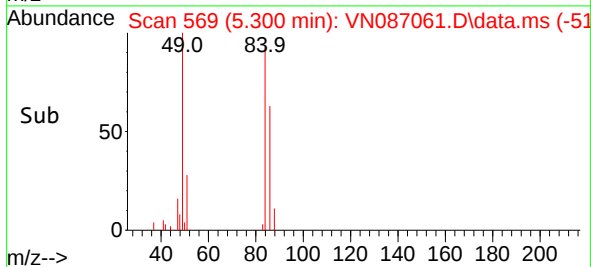
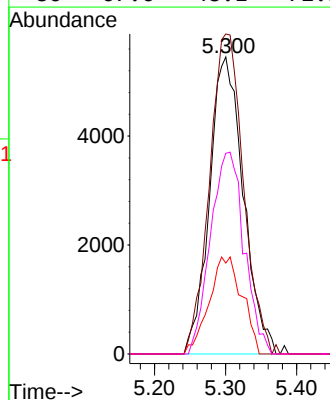
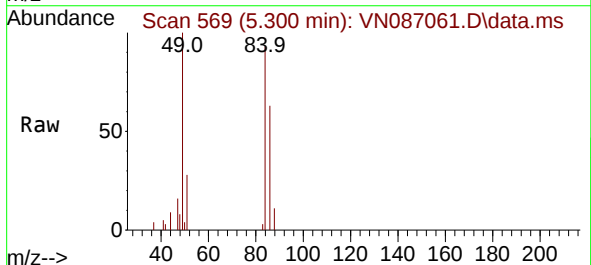
Instrument :
MSVOA_N
ClientSampleId :
WC

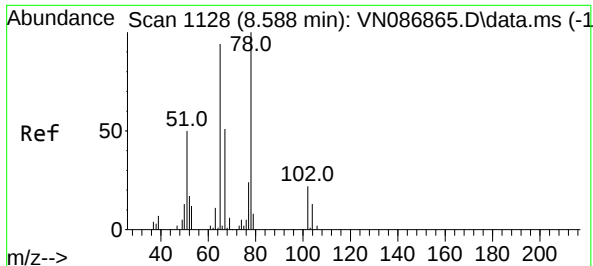
Tgt Ion: 43 Resp: 25284
Ion Ratio Lower Upper
43 100
74 26.3 20.7 31.1



#20
Methylene Chloride
Concen: 6.922 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087061.D
Acq: 17 Jun 2025 15:47

Tgt Ion: 84 Resp: 18024
Ion Ratio Lower Upper
84 100
49 107.8 90.5 135.7
51 30.6 28.5 42.7
86 67.6 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 51.712 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087061.D

Acq: 17 Jun 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

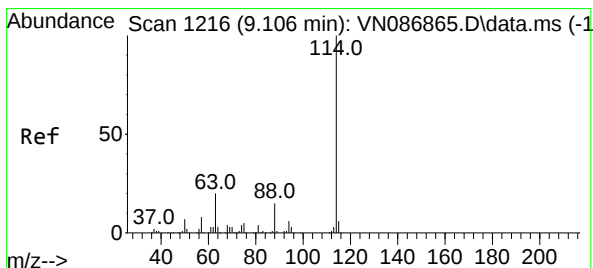
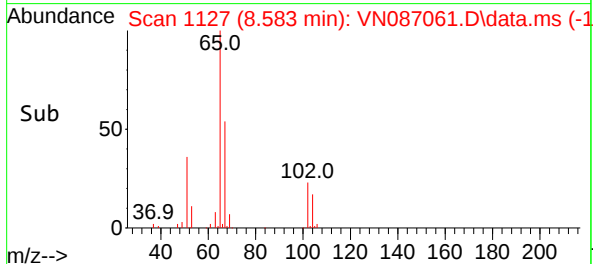
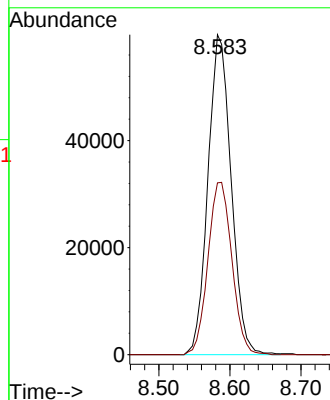
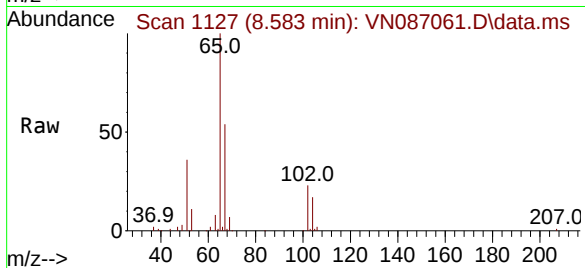
WC

Tgt Ion: 65 Resp: 135617

Ion Ratio Lower Upper

65 100

67 55.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087061.D

Acq: 17 Jun 2025 15:47

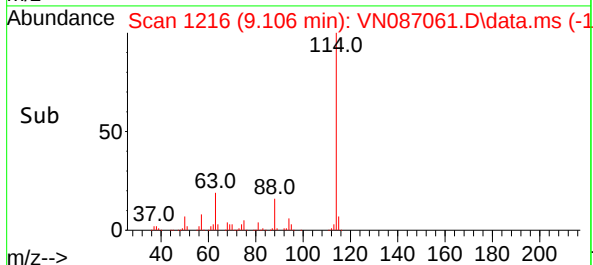
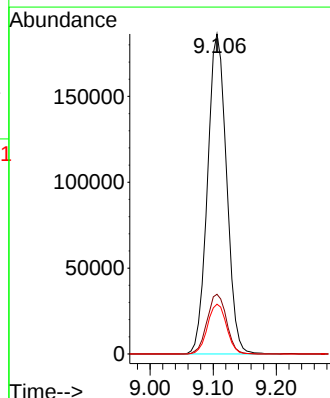
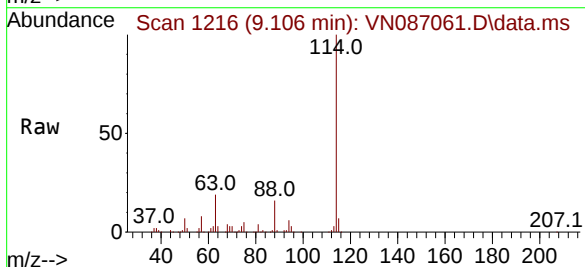
Tgt Ion: 114 Resp: 390146

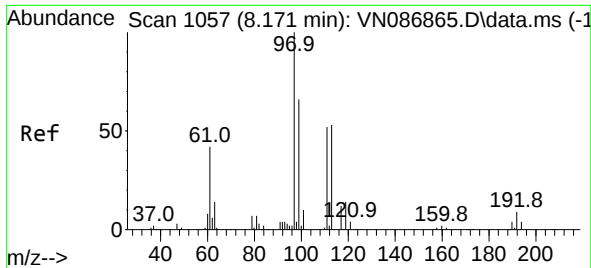
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 15.6 0.0 30.2

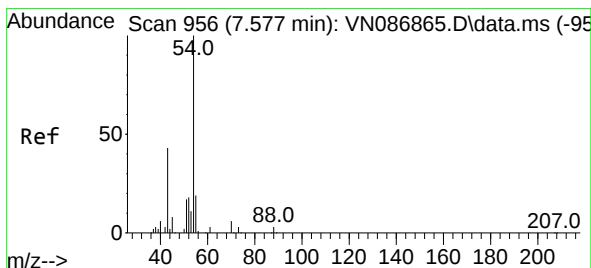
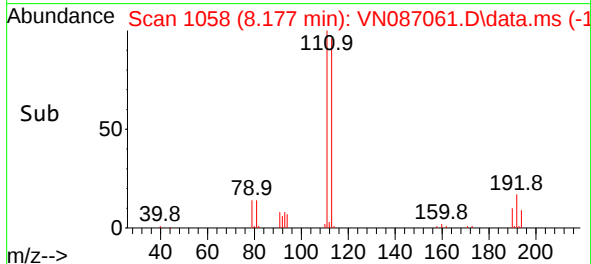
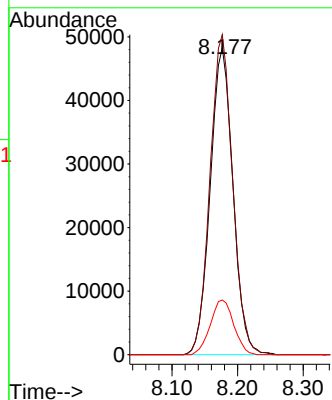
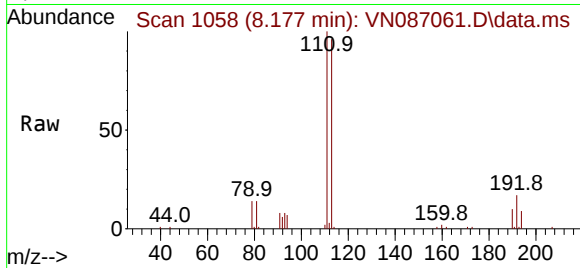




#35
Dibromofluoromethane
Concen: 50.291 ug/l
RT: 8.177 min Scan# 116277
Delta R.T. 0.006 min
Lab File: VN087061.D
Acq: 17 Jun 2025 15:47

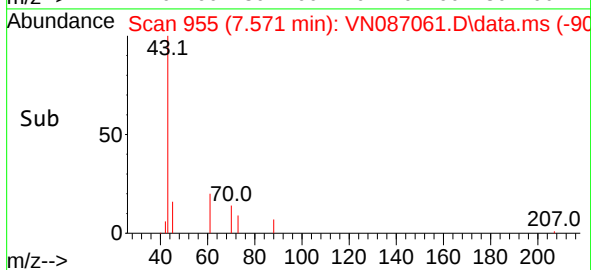
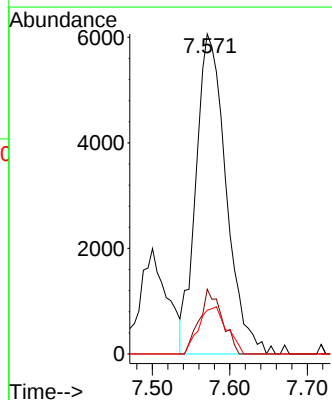
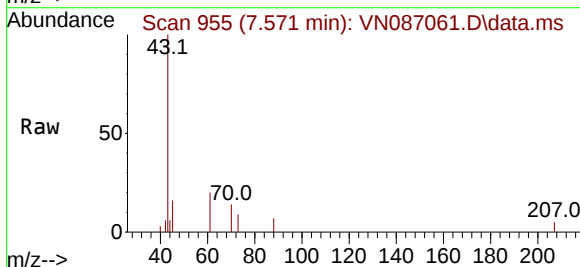
Instrument :
MSVOA_N
ClientSampleId :
WC

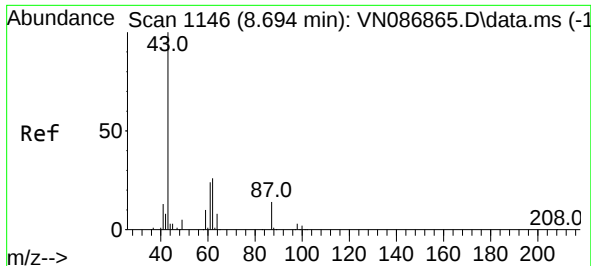
Tgt Ion:113 Resp: 116277
Ion Ratio Lower Upper
113 100
111 103.7 84.2 126.2
192 18.3 14.2 21.4



#37
Ethyl Acetate
Concen: 3.737 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.006 min
Lab File: VN087061.D
Acq: 17 Jun 2025 15:47

Tgt Ion: 43 Resp: 16391
Ion Ratio Lower Upper
43 100
61 15.3 12.1 18.1
70 13.6 9.8 14.6

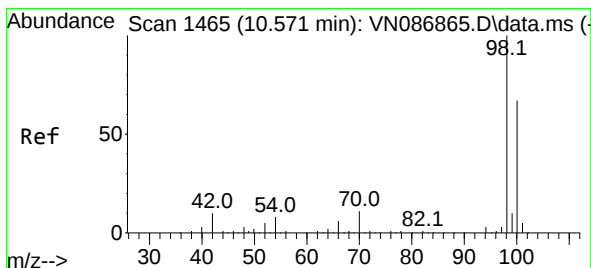
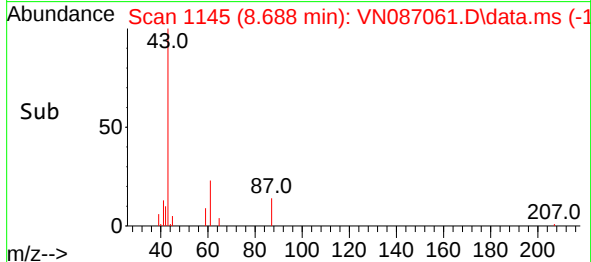
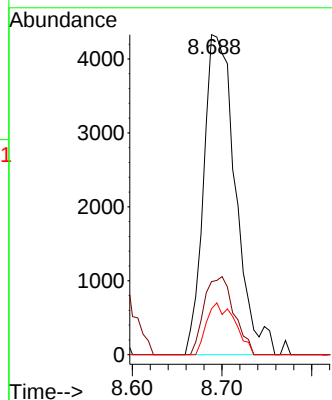
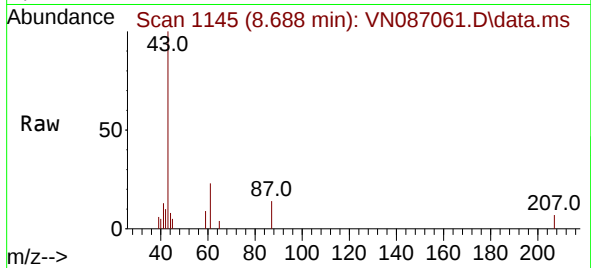




#43
Isopropyl Acetate
Concen: 1.513 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087061.D
Acq: 17 Jun 2025 15:47

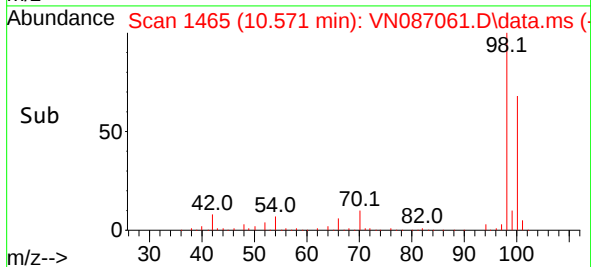
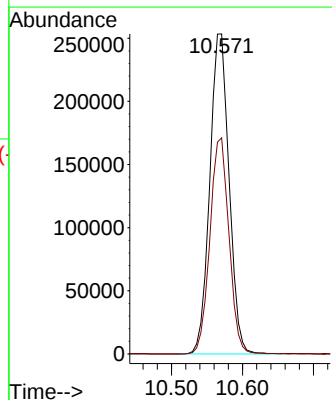
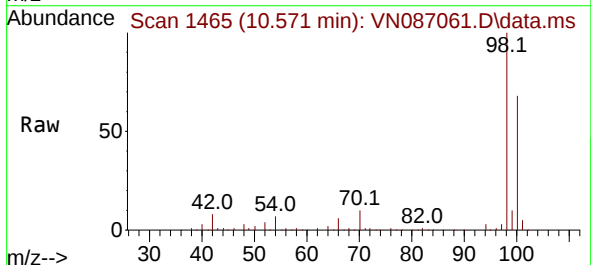
Instrument :
MSVOA_N
ClientSampleId :
WC

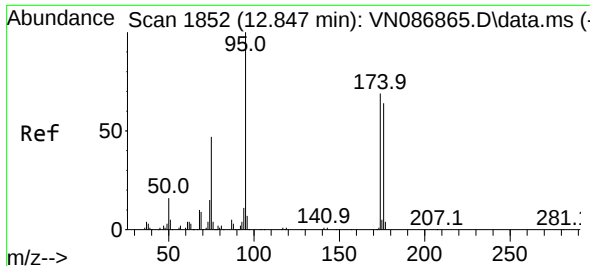
Tgt Ion: 43 Resp: 10650
Ion Ratio Lower Upper
43 100
61 22.9 22.1 33.1
87 14.4 11.8 17.6



#50
Toluene-d8
Concen: 52.203 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087061.D
Acq: 17 Jun 2025 15:47

Tgt Ion: 98 Resp: 477810
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0

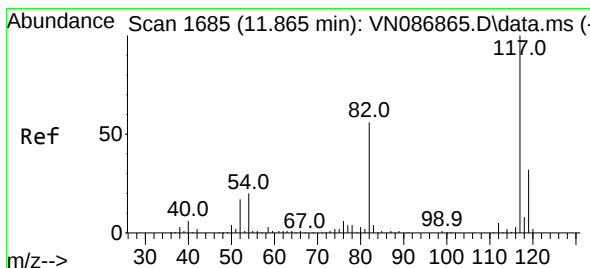
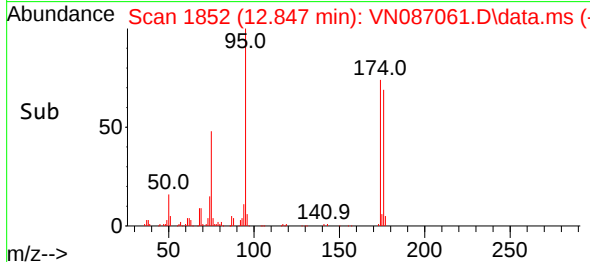
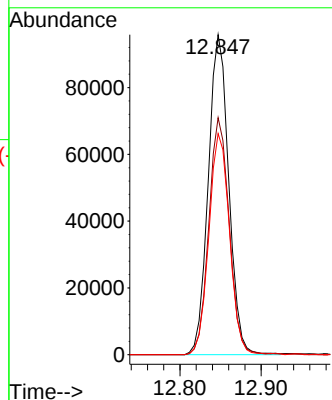
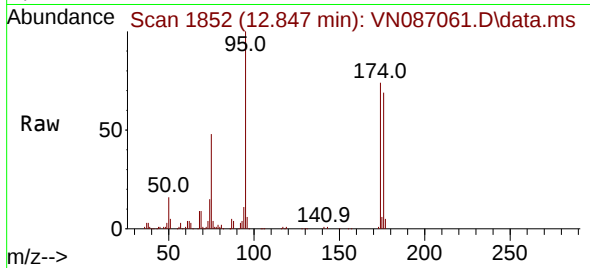




#62
4-Bromofluorobenzene
Concen: 49.319 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087061.D
Acq: 17 Jun 2025 15:47

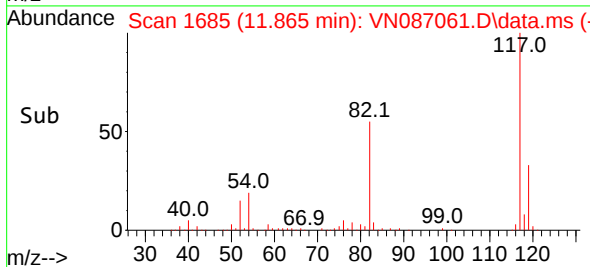
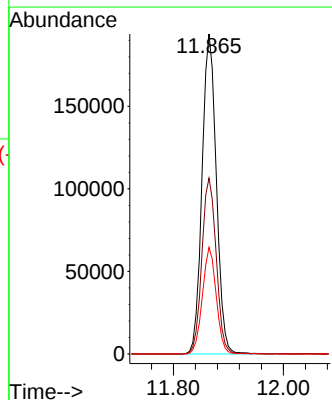
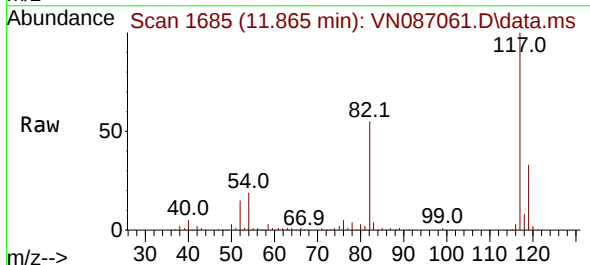
Instrument :
MSVOA_N
ClientSampleId :
WC

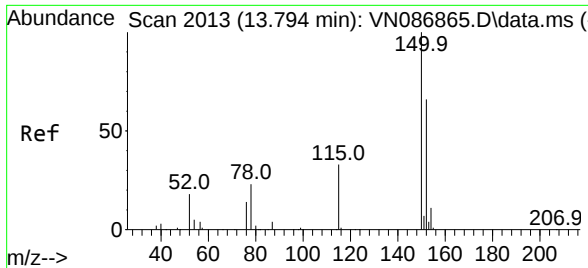
Tgt Ion: 95 Resp: 167714
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.8
176 69.5 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087061.D
Acq: 17 Jun 2025 15:47

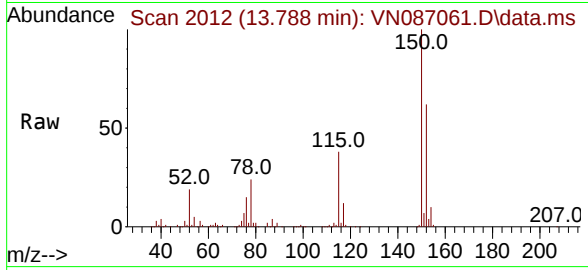
Tgt Ion: 117 Resp: 350367
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 33.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087061.D
 Acq: 17 Jun 2025 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 WC



Tgt Ion:152 Resp: 166331
 Ion Ratio Lower Upper
 152 100
 115 59.7 30.1 90.5
 150 157.5 0.0 345.0

