

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082923.D
 Acq On : 15 Jul 2024 17:28
 Operator : JC\MD
 Sample : P3250-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 16 01:25:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

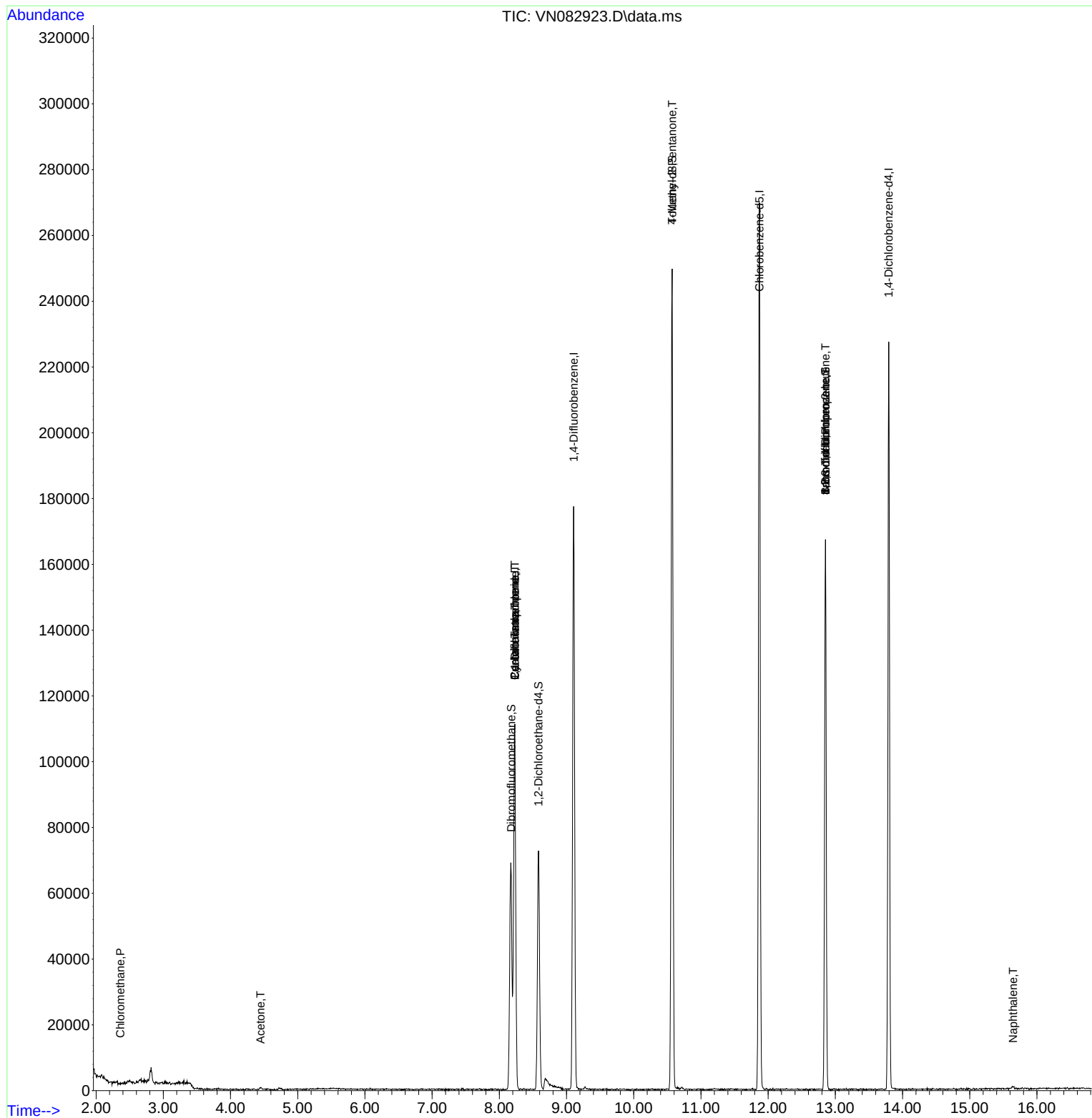
Internal Standards						
1) Pentafluorobenzene	8.230	168	76510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	148735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	152896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	58630	54.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.340%	
35) Dibromofluoromethane	8.177	113	48403	50.716	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.440%	
50) Toluene-d8	10.571	98	170148	48.268	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.540%	
62) 4-Bromofluorobenzene	12.853	95	54110	42.733	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 85.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	357	0.380	ug/l #	43
16) Acetone	4.448	43	818	2.166	ug/l #	48
31) Cyclohexane	8.230	56	2149	1.533	ug/l #	54
36) 1,1-Dichloropropene	8.230	75	7318	5.561	ug/l #	47
38) Carbon Tetrachloride	8.230	117	8370	5.283	ug/l #	18
43) Isopropyl Acetate	8.689	43	4246	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1021	0.769	ug/l #	1
71) Bromoform	12.853	173	401	0.438	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	31034	31.055	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	31034	61.077	ug/l #	6
95) Naphthalene	15.647	128	1164	0.331	ug/l #	69

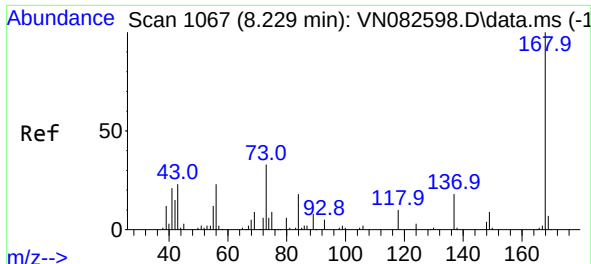
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
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MSVOA_N
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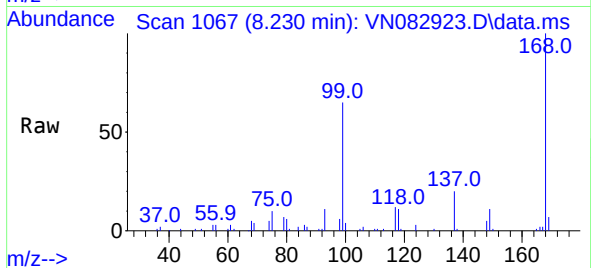
Quant Time: Jul 16 01:25:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



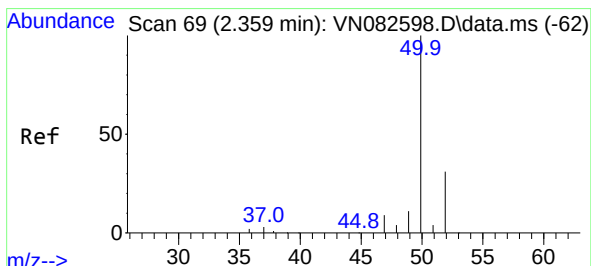
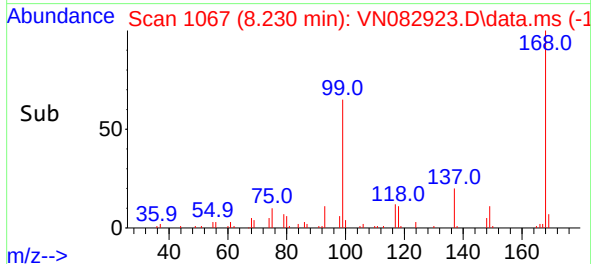
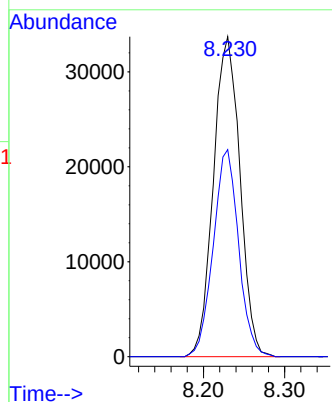


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

Instrument :
MSVOA_N
ClientSampleId :

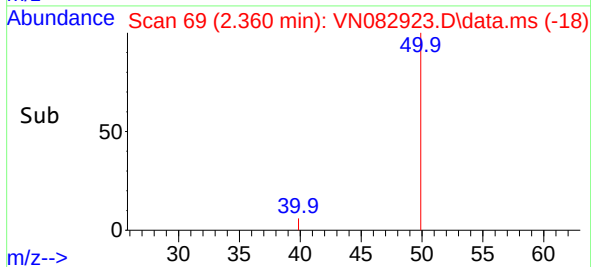
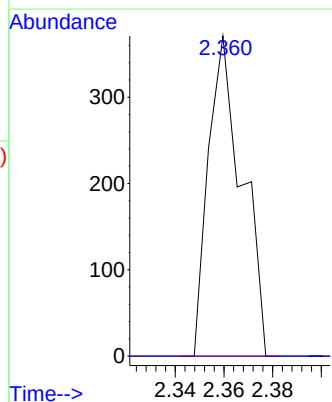
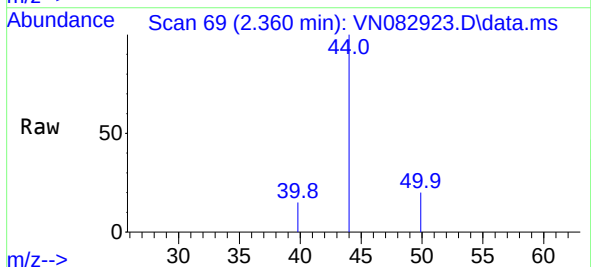


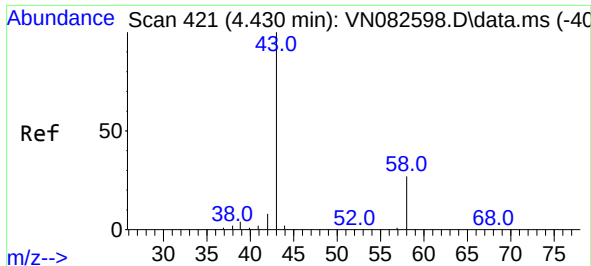
Tgt Ion:168 Resp: 76510
Ion Ratio Lower Upper
168 100
99 64.7 48.2 72.4



#3
Chloromethane
Concen: 0.380 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

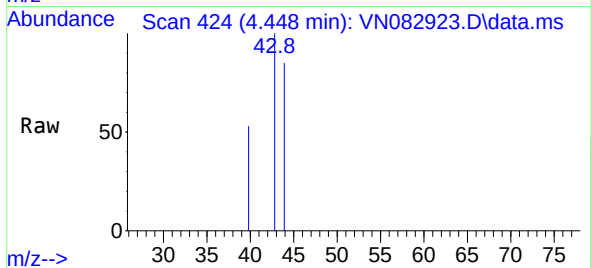
Tgt Ion: 50 Resp: 357
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



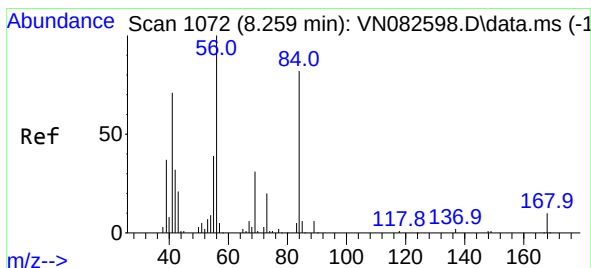
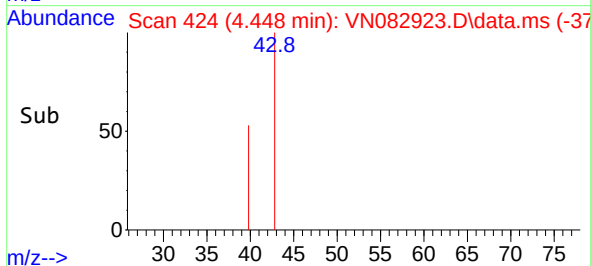
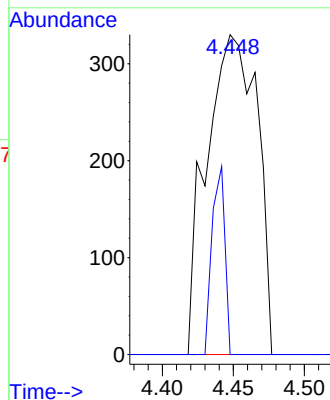


#16
Acetone
Concen: 2.166 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

Instrument :
MSVOA_N
ClientSampleId :

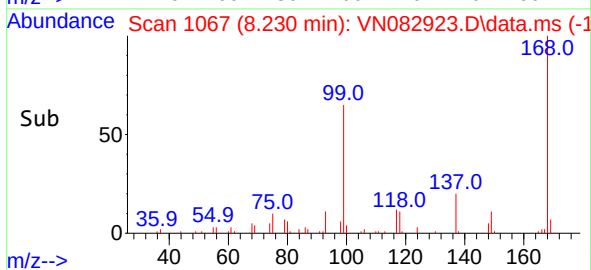
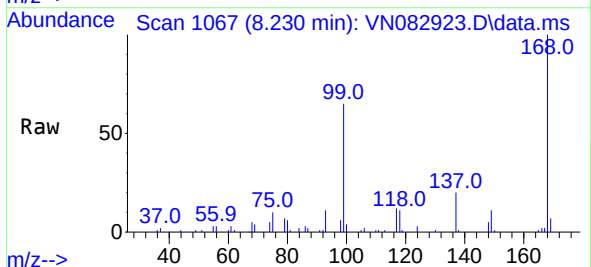
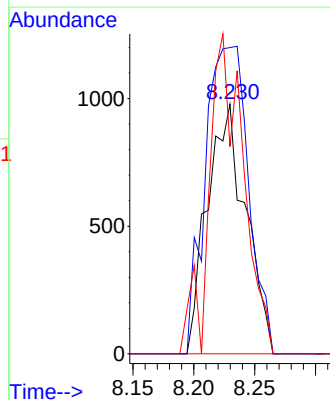


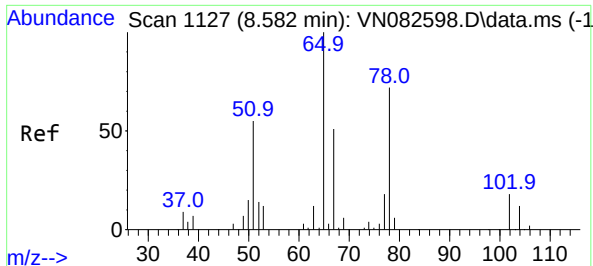
Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.533 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

Tgt Ion: 56 Resp: 2149
Ion Ratio Lower Upper
56 100
69 122.7 24.5 36.7#
84 83.0 66.0 99.0

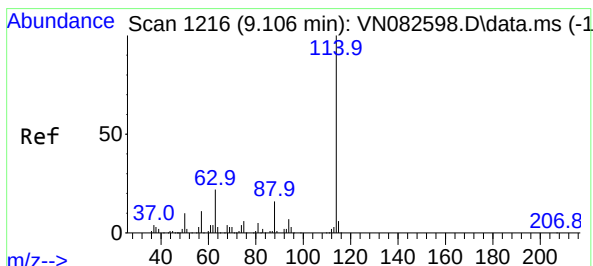
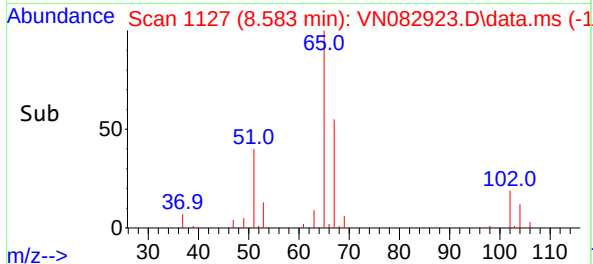
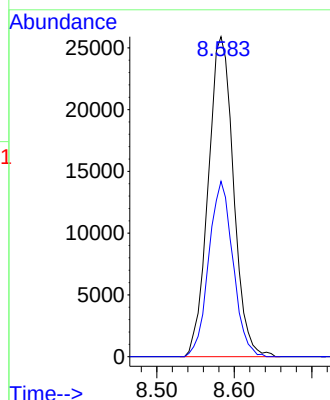
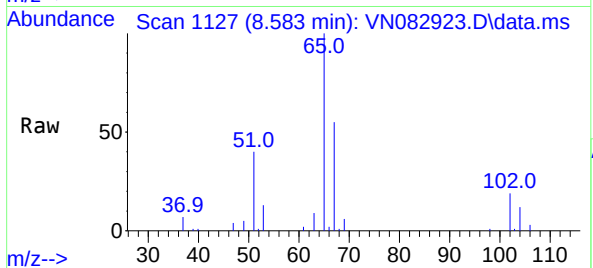




#33
1,2-Dichloroethane-d4
Concen: 54.666 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

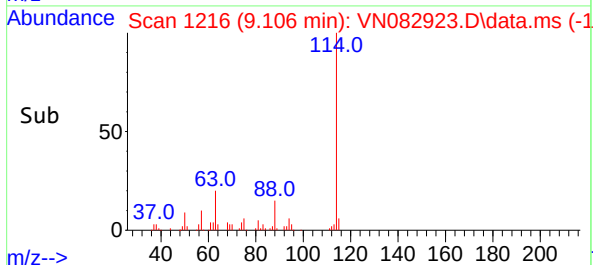
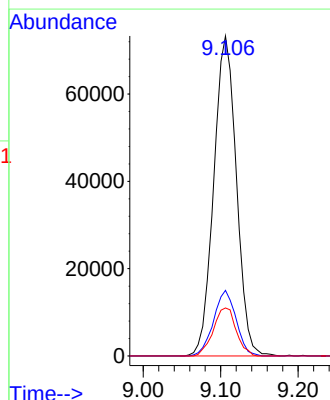
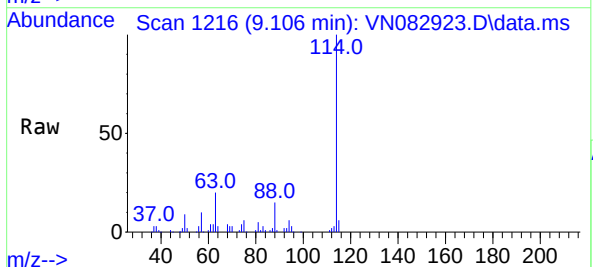
Instrument :
MSVOA_N
ClientSampleId :

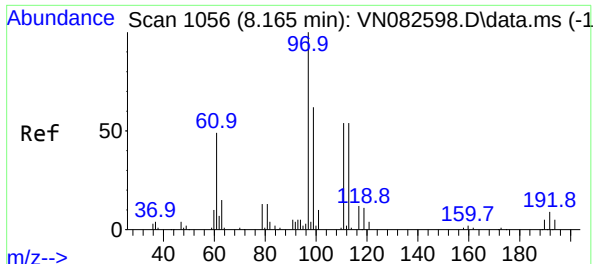
Tgt Ion: 65 Resp: 58630
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

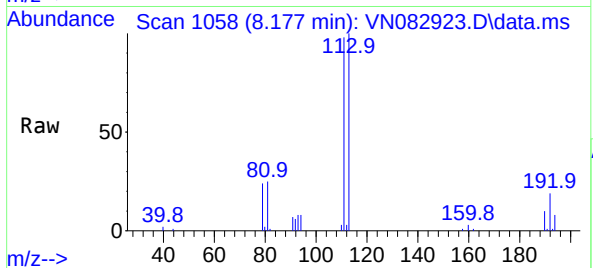
Tgt Ion: 114 Resp: 148735
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.6
88 15.0 0.0 31.4



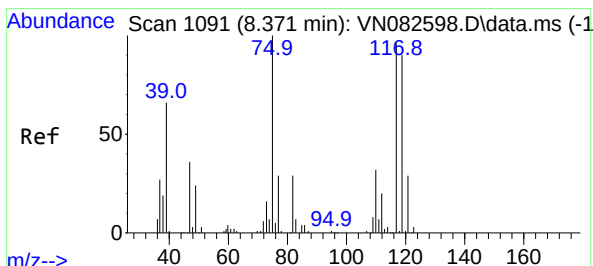
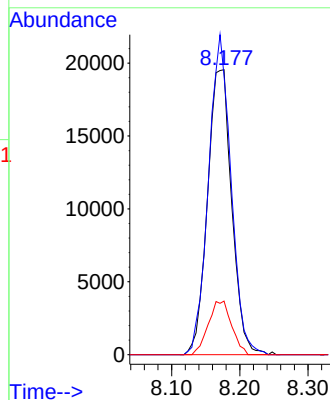
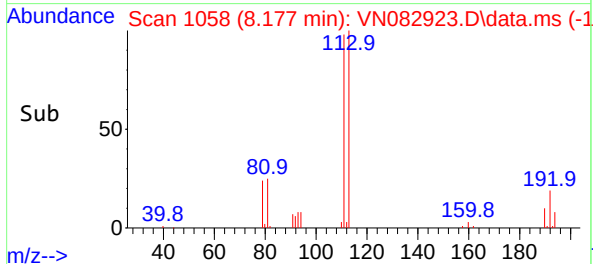


#35
Dibromofluoromethane
Concen: 50.716 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

Instrument :
MSVOA_N
ClientSampleId :

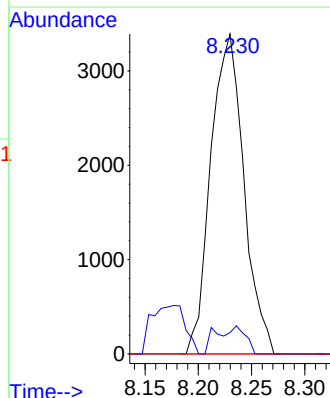
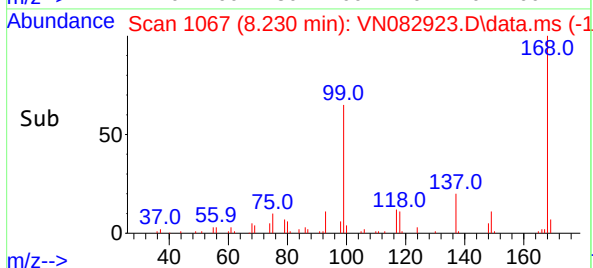
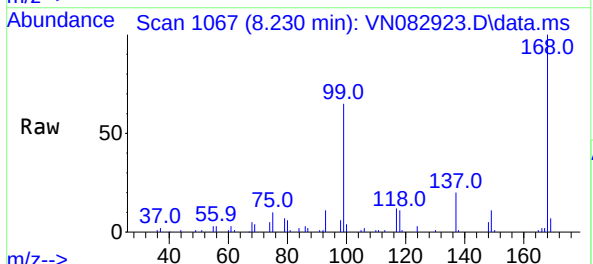


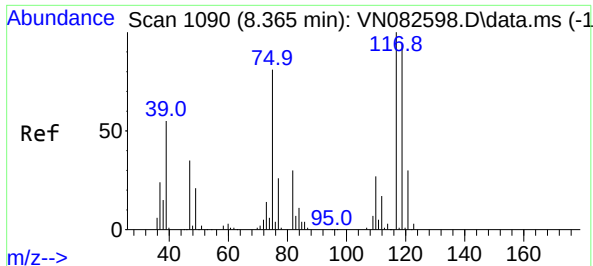
Tgt Ion:113 Resp: 48403
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 18.1 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.561 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

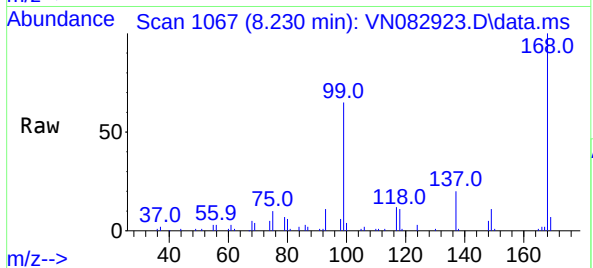
Tgt Ion: 75 Resp: 7318
Ion Ratio Lower Upper
75 100
110 4.4 16.3 48.9#
77 0.0 24.6 37.0#



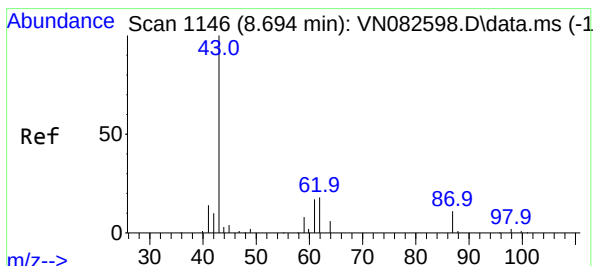
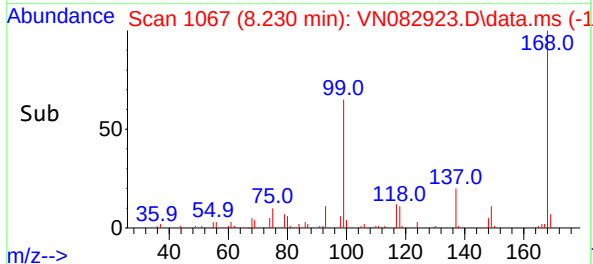
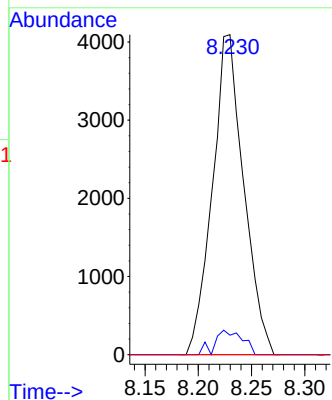


#38
Carbon Tetrachloride
Concen: 5.283 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

Instrument :
MSVOA_N
ClientSampleId :

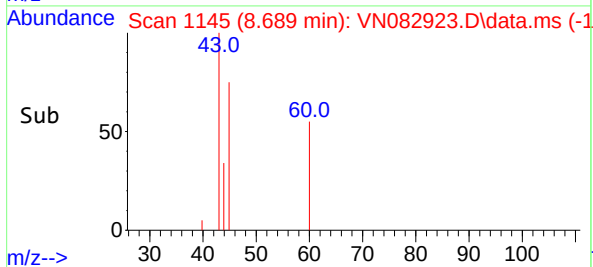
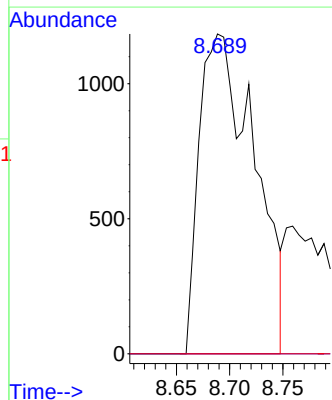
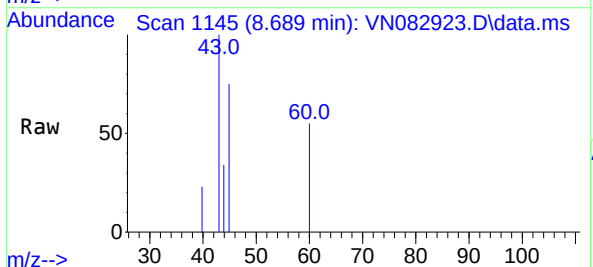


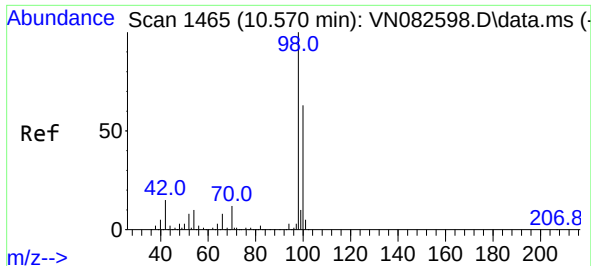
Tgt Ion:117 Resp: 8370
Ion Ratio Lower Upper
117 100
119 6.1 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.689 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

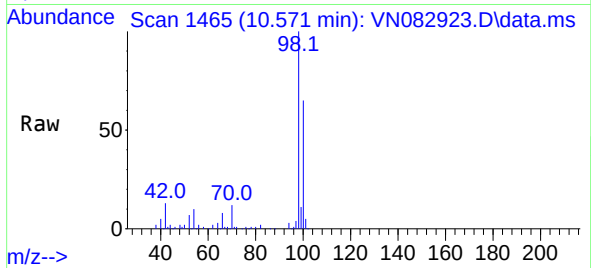
Tgt Ion: 43 Resp: 4246
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



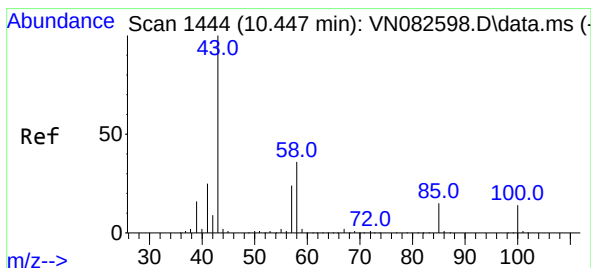
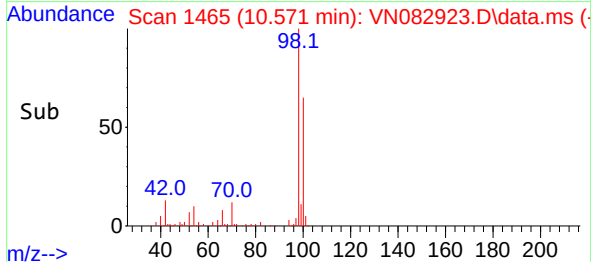
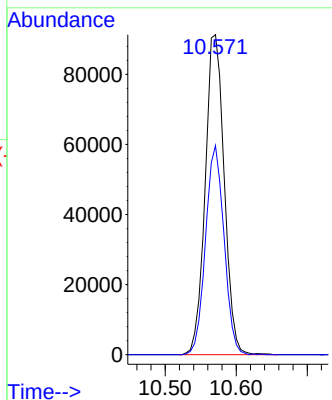


#50
Toluene-d8
Concen: 48.268 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

Instrument :
MSVOA_N
ClientSampleId :

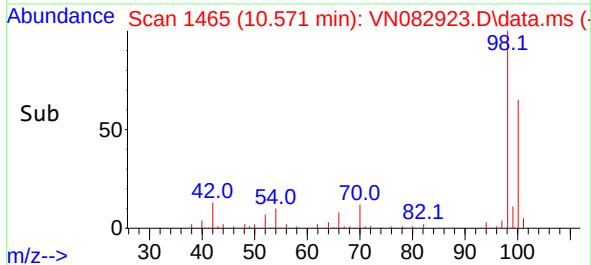
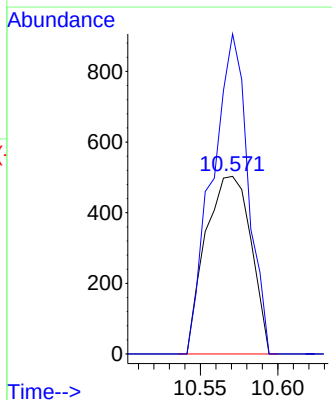
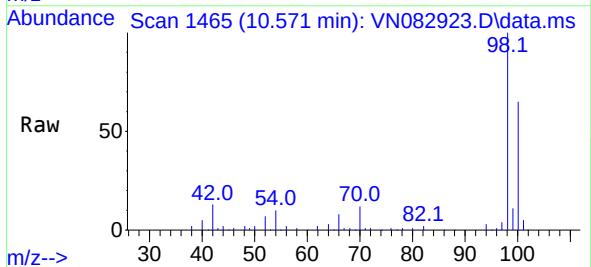


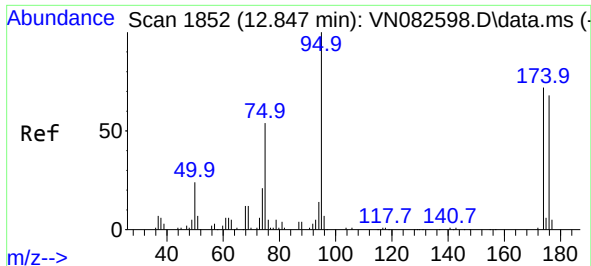
Tgt Ion: 98 Resp: 170148
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.769 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

Tgt Ion: 43 Resp: 1021
Ion Ratio Lower Upper
43 100
58 143.2 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 42.733 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082923.D

Acq: 15 Jul 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

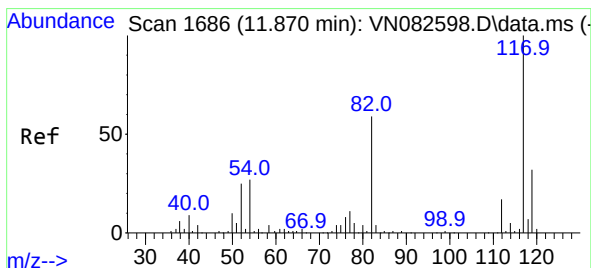
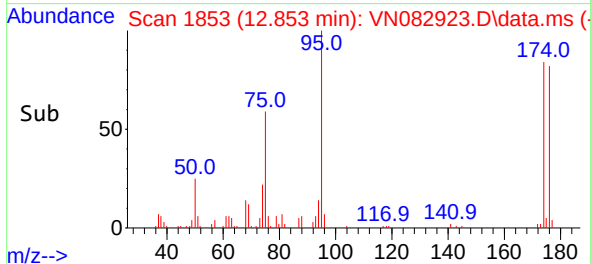
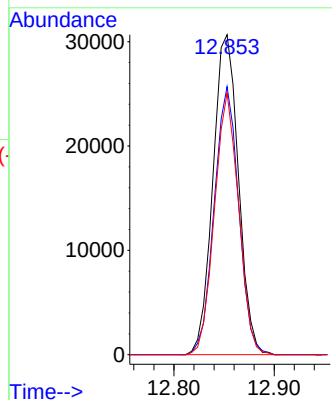
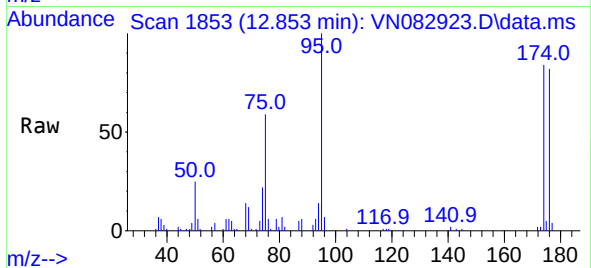
Tgt Ion: 95 Resp: 54110

Ion Ratio Lower Upper

95 100

174 80.5 0.0 159.2

176 77.2 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.001 min

Lab File: VN082923.D

Acq: 15 Jul 2024 17:28

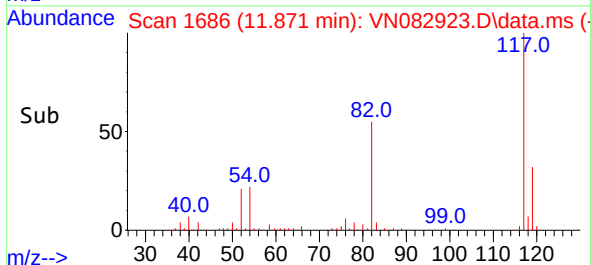
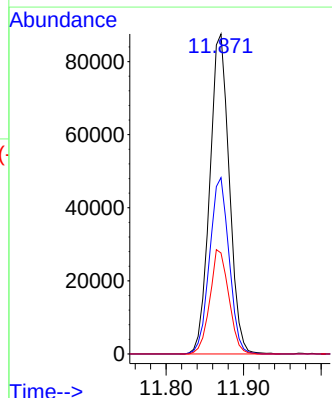
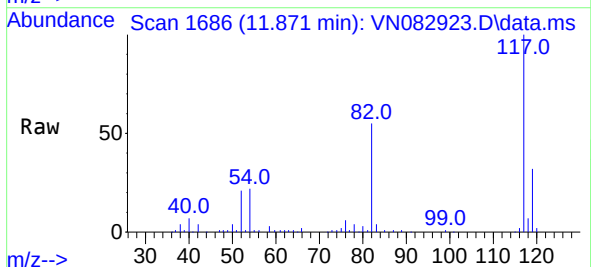
Tgt Ion: 117 Resp: 152896

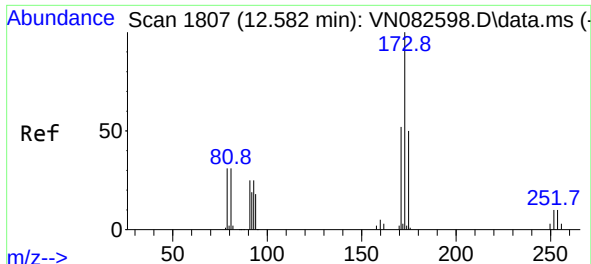
Ion Ratio Lower Upper

117 100

82 55.1 47.5 71.3

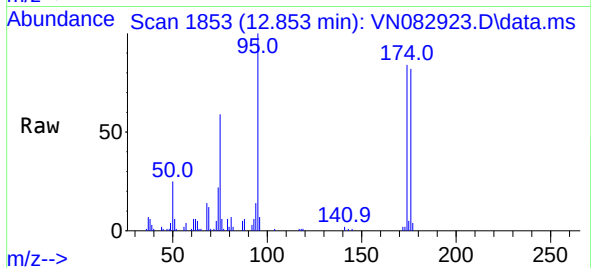
119 31.5 25.6 38.4



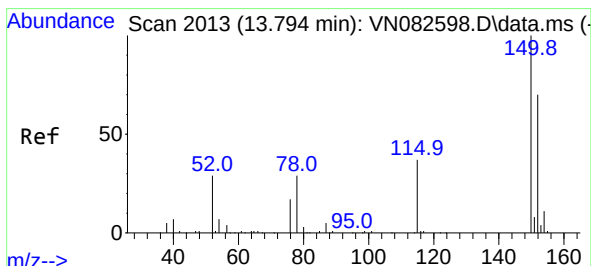
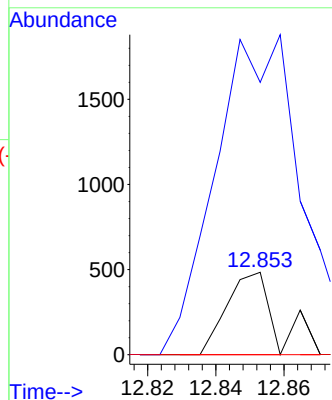
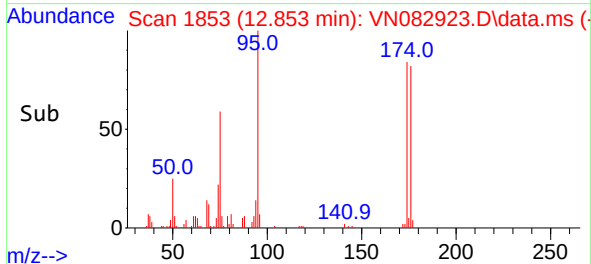


#71
Bromoform
Concen: 0.438 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

Instrument :
MSVOA_N
ClientSampleId :

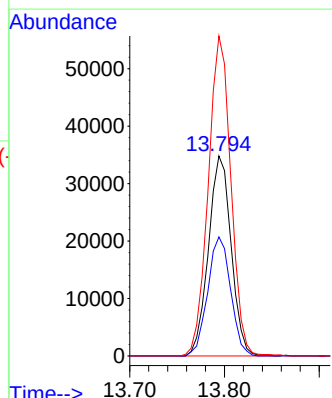
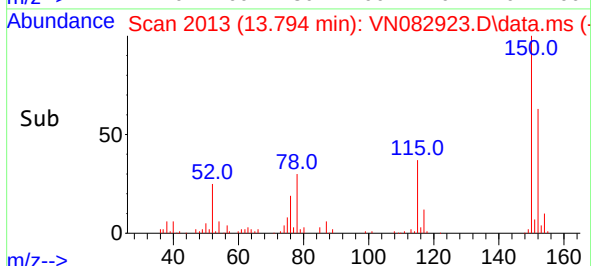
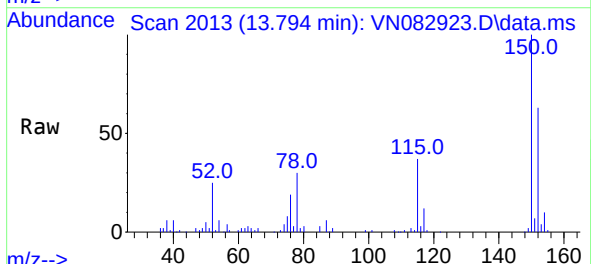


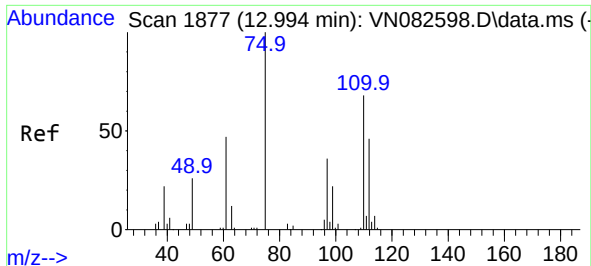
Tgt Ion:173 Resp: 401
Ion Ratio Lower Upper
173 100
175 489.3 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

Tgt Ion:152 Resp: 57963
Ion Ratio Lower Upper
152 100
115 59.9 30.6 91.6
150 159.2 0.0 348.6

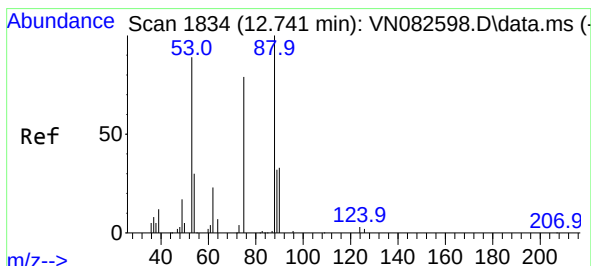
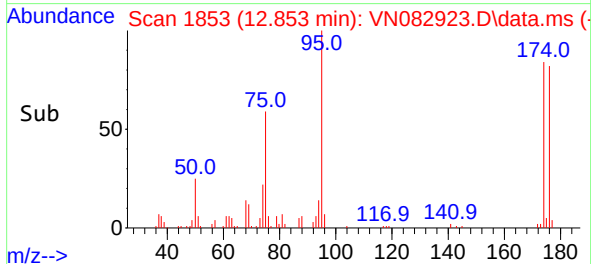
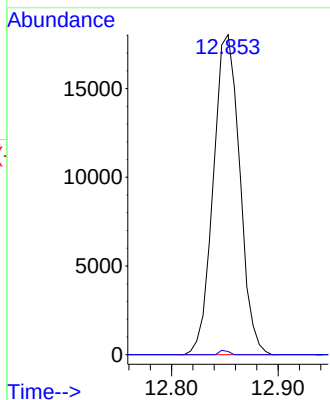
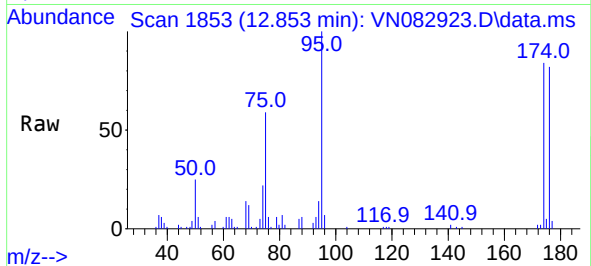




#76
1,2,3-Trichloropropane
Concen: 31.055 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

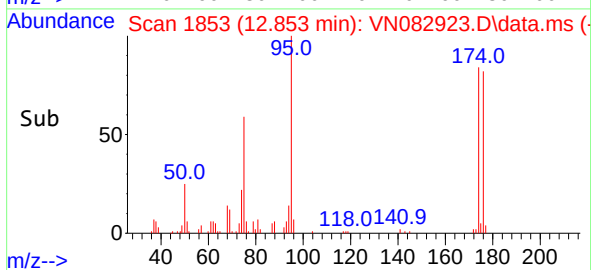
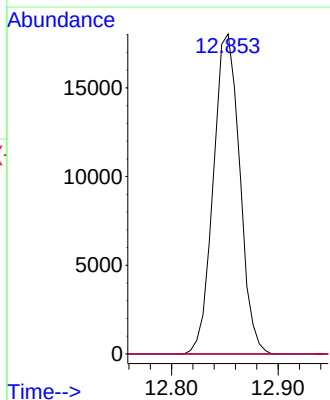
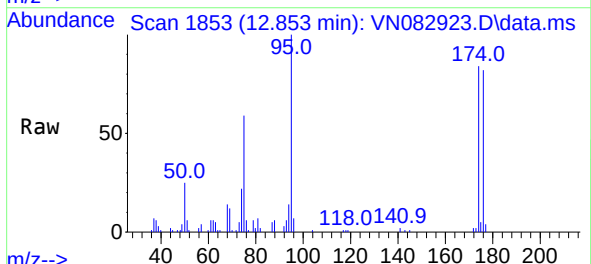
Instrument :
MSVOA_N
ClientSampleId :

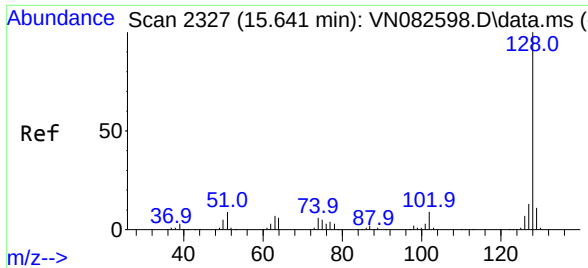
Tgt Ion: 75 Resp: 31034
Ion Ratio Lower Upper
75 100
77 0.5 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.077 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

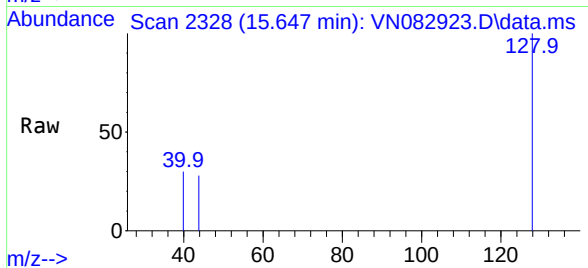
Tgt Ion: 75 Resp: 31034
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#95
Naphthalene
Concen: 0.331 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082923.D
Acq: 15 Jul 2024 17:28

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	12.8#

