

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081203.D
 Acq On : 26 Feb 2024 18:28
 Operator : JC\MD
 Sample : P1577-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-MW01I-20240221

Quant Time: Feb 27 00:15:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

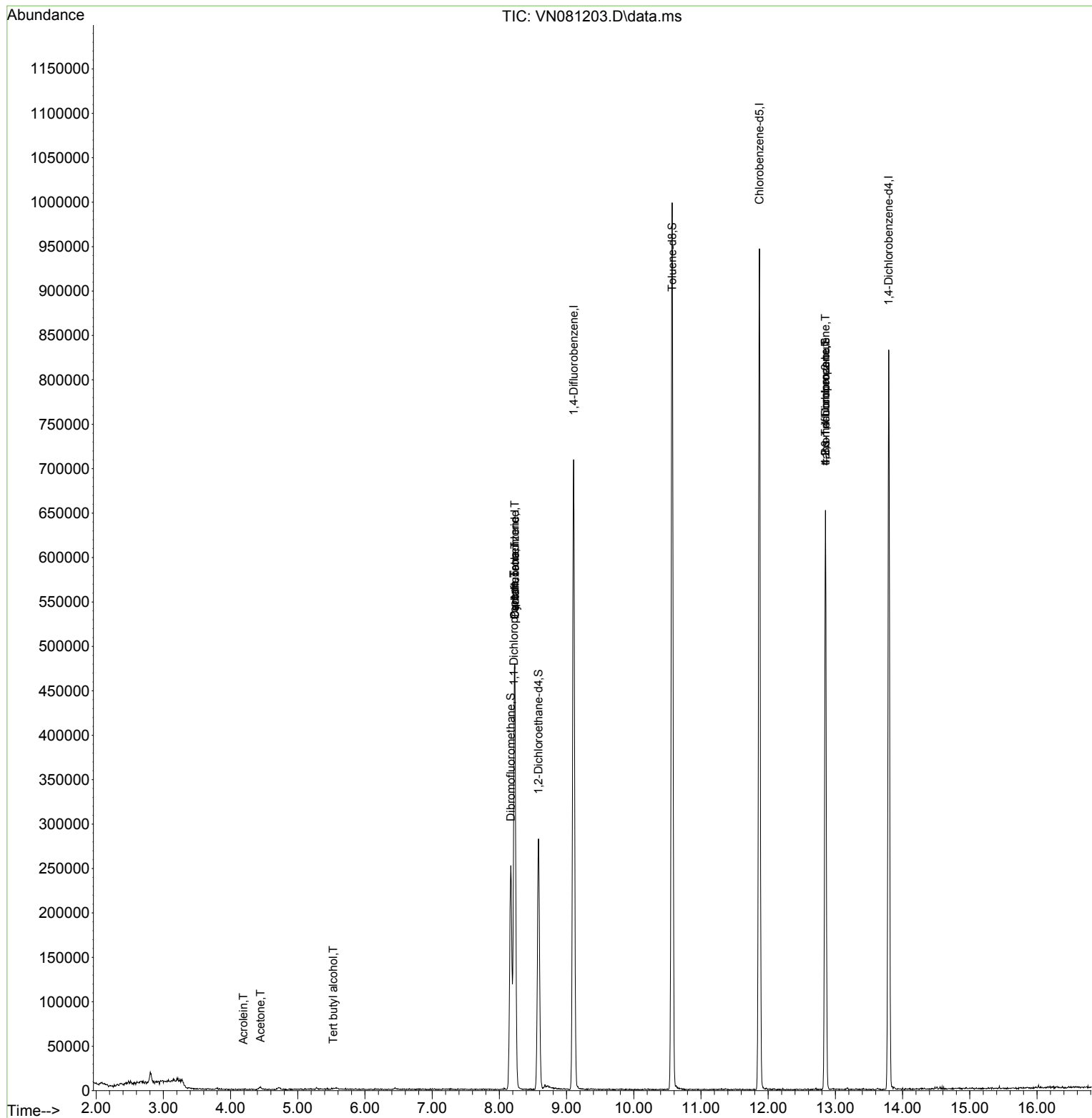
Internal Standards						
1) Pentafluorobenzene	8.230	168	331537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	616841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	539038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	221528	54.514	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.020%		
35) Dibromofluoromethane	8.171	113	177086	50.769	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.540%		
50) Toluene-d8	10.571	98	682538	55.094	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 110.180%		
62) 4-Bromofluorobenzene	12.853	95	224641	48.257	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.520%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	991	Below Cal	#	70
6) Chloroethane	3.118	64	109	Below Cal	#	42
11) Tert butyl alcohol	5.530	59	339	0.454	ug/l #	72
13) Acrolein	4.189	56	601	1.500	ug/l #	67
16) Acetone	4.447	43	4714	2.948	ug/l	97
20) Methylene Chloride	5.271	84	850	Below Cal	#	33
31) Cyclohexane	8.230	56	9057	1.291	ug/l #	8
36) 1,1-Dichloropropene	8.218	75	31365	5.249	ug/l #	51
38) Carbon Tetrachloride	8.230	117	39054	6.460	ug/l #	17
76) 1,2,3-Trichloropropane	12.853	75	119900	25.173	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	119900	64.794	ug/l #	14

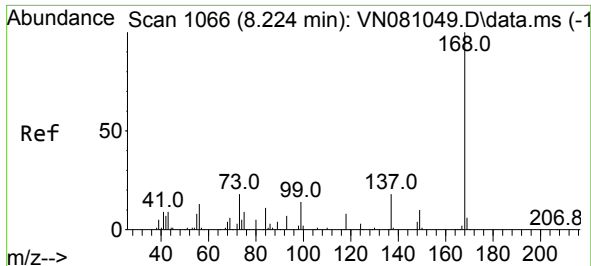
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW10A-MW01I-20240221

Quant Time: Feb 27 00:15:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

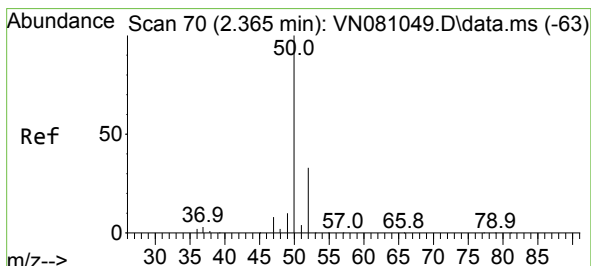
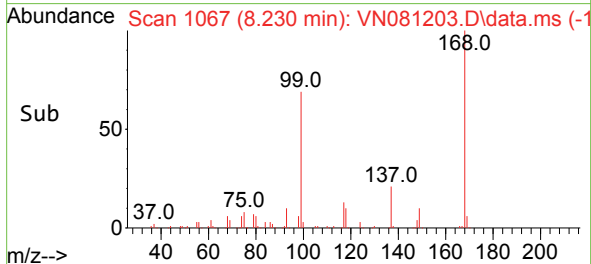
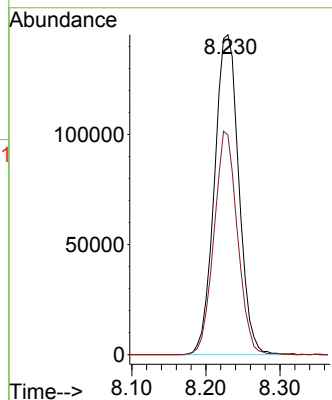
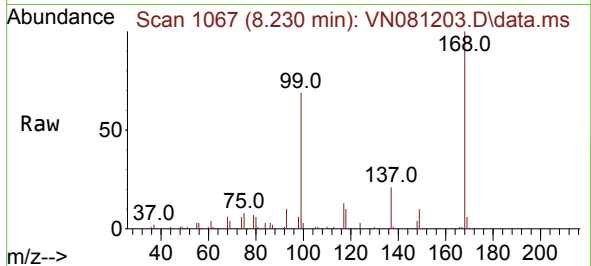




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

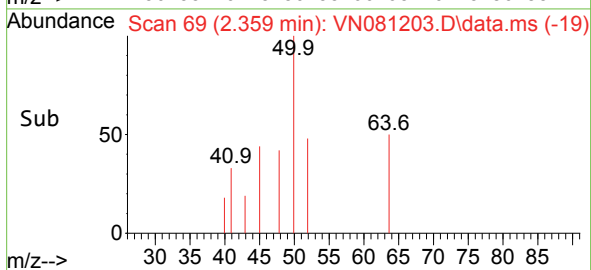
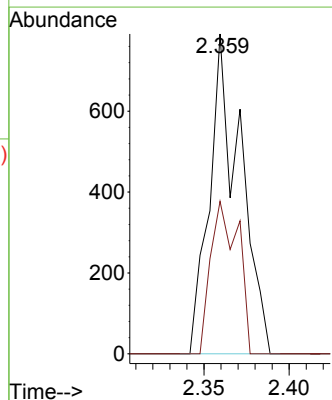
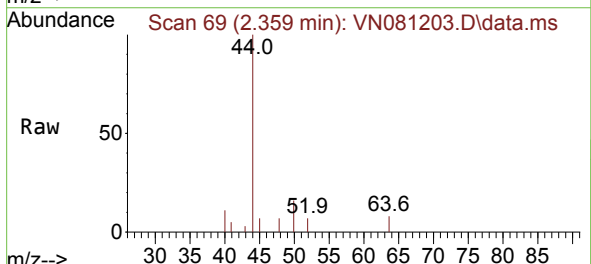
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221

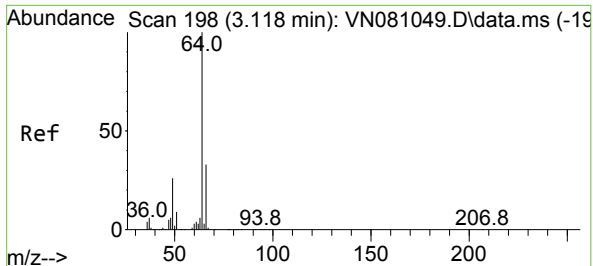
Tgt Ion:168 Resp: 331537
Ion Ratio Lower Upper
168 100
99 68.7 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

Tgt Ion: 50 Resp: 991
Ion Ratio Lower Upper
50 100
52 47.7 25.0 37.4#

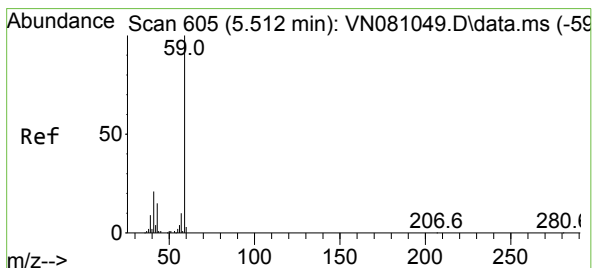
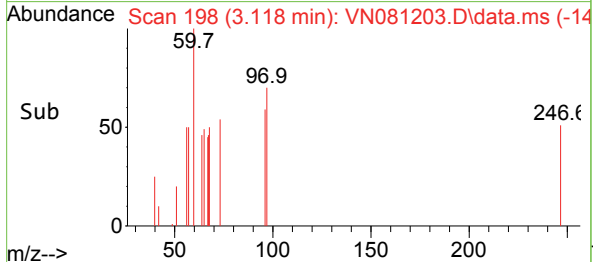
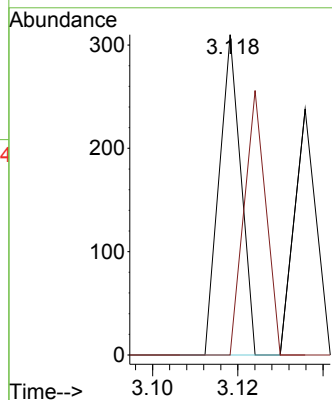
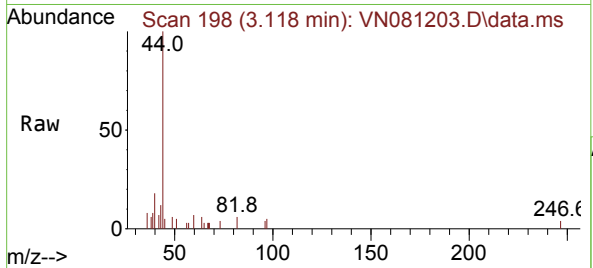




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

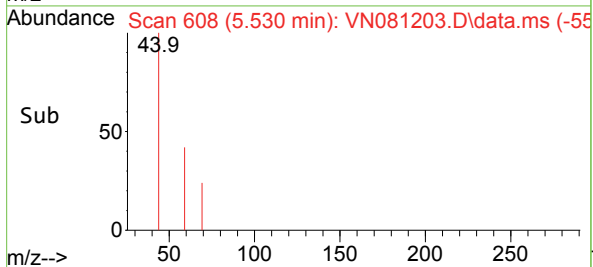
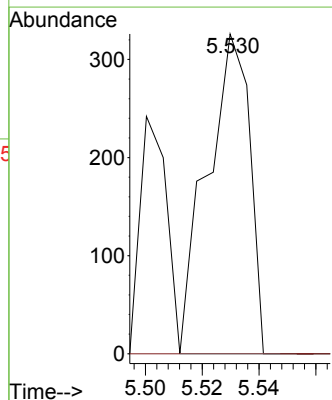
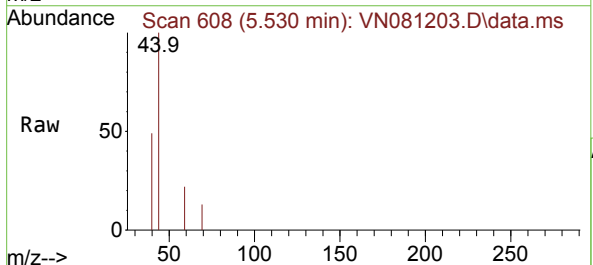
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221

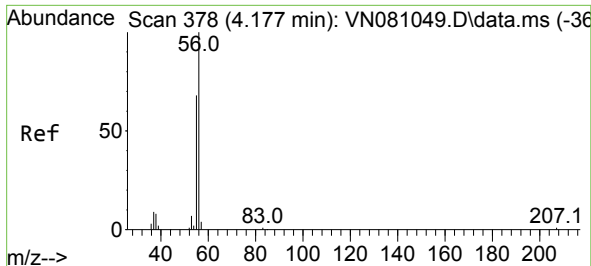
Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 0.454 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.018 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

Tgt Ion: 59 Resp: 339
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

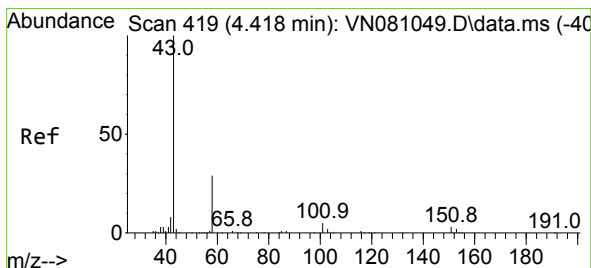
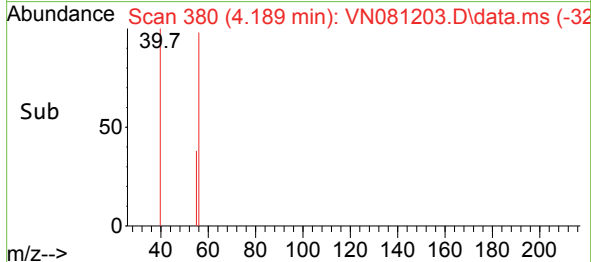
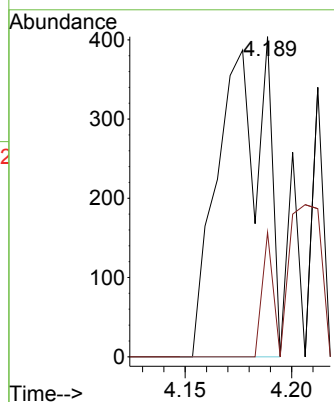
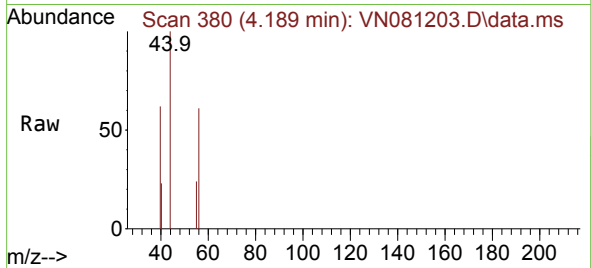




#13
Acrolein
Concen: 1.500 ug/l
RT: 4.189 min Scan# 301
Delta R.T. 0.012 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

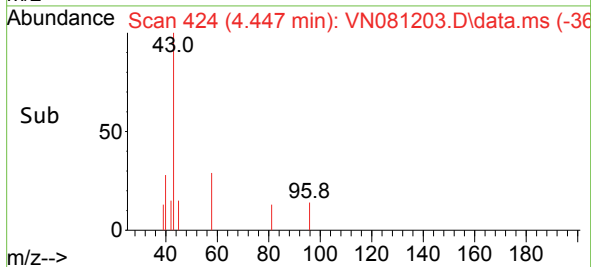
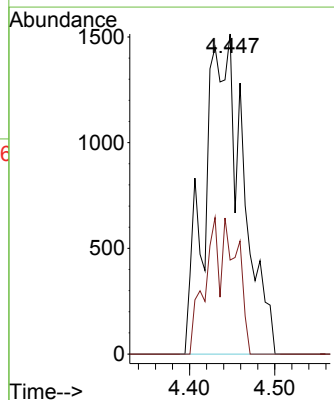
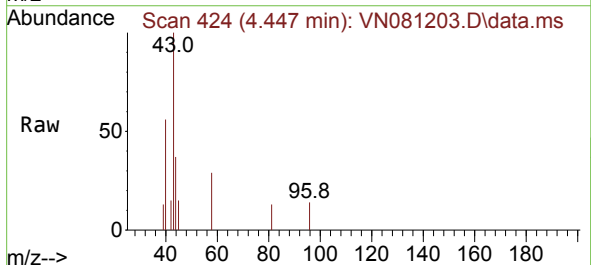
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221

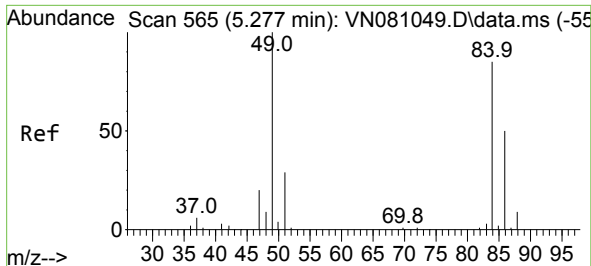
Tgt Ion: 56 Resp: 601
Ion Ratio Lower Upper
56 100
55 42.1 55.3 82.9#



#16
Acetone
Concen: 2.948 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.029 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

Tgt Ion: 43 Resp: 4714
Ion Ratio Lower Upper
43 100
58 29.4 24.8 37.2

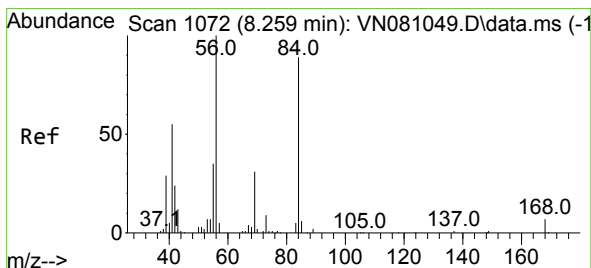
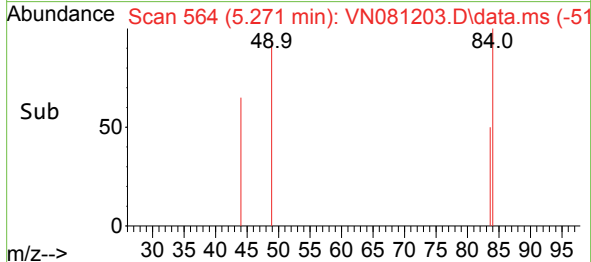
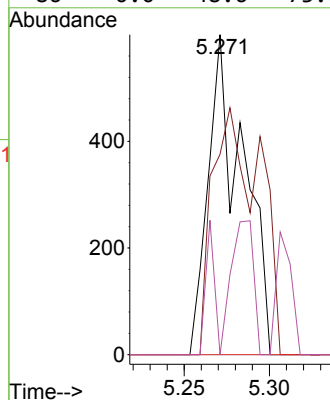
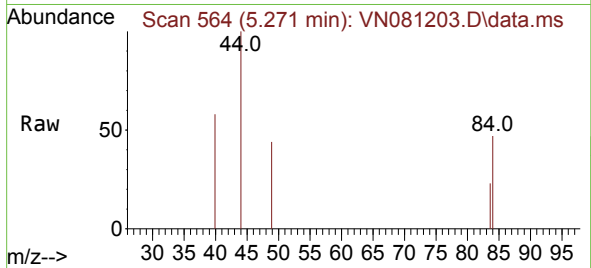




#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

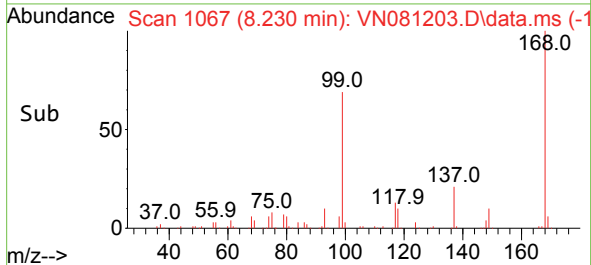
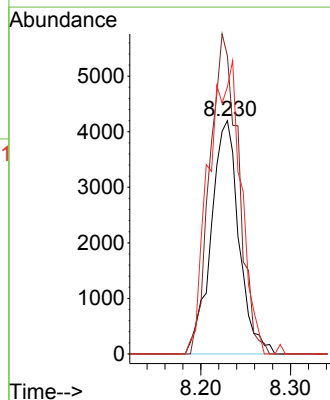
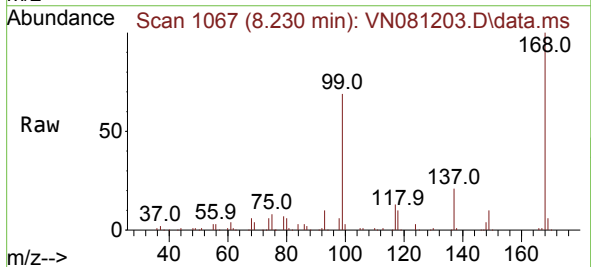
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221

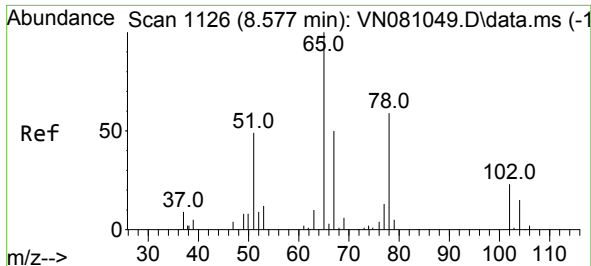
Tgt Ion: 84 Resp: 850
Ion Ratio Lower Upper
84 100
49 62.7 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

Tgt Ion: 56 Resp: 9057
Ion Ratio Lower Upper
56 100
69 127.8 20.1 30.1#
84 114.4 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 54.514 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081203.D

Acq: 26 Feb 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

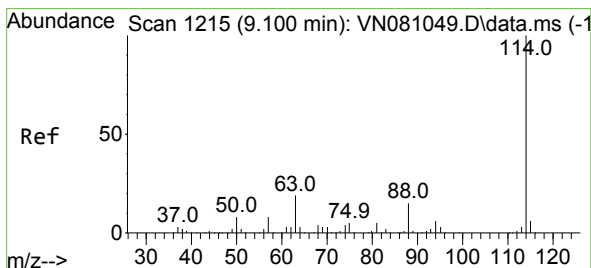
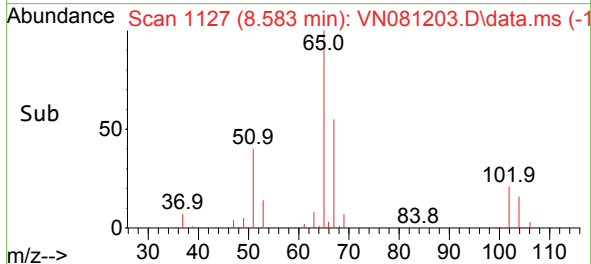
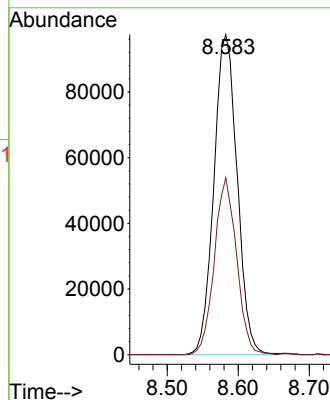
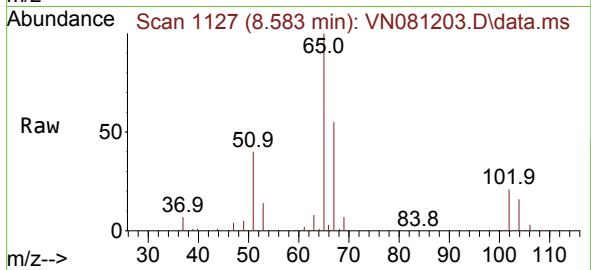
RW10A-MW01I-20240221

Tgt Ion: 65 Resp: 221528

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081203.D

Acq: 26 Feb 2024 18:28

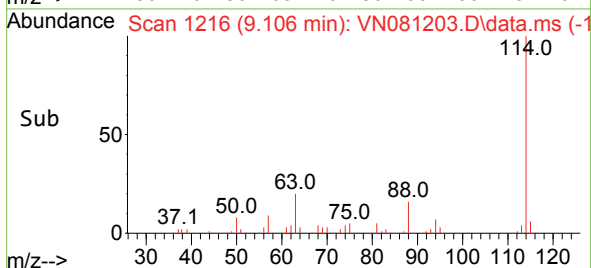
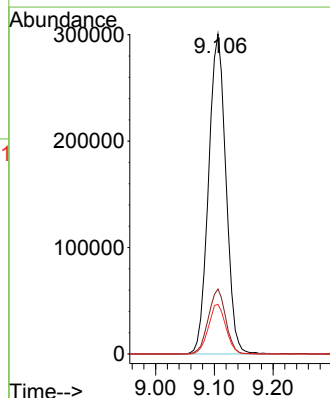
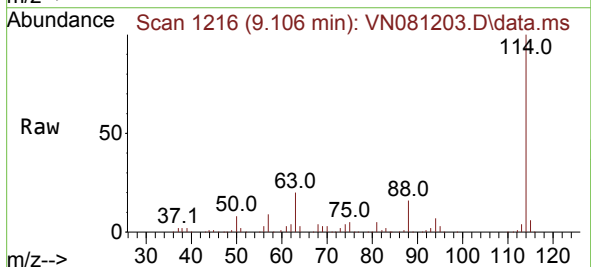
Tgt Ion:114 Resp: 616841

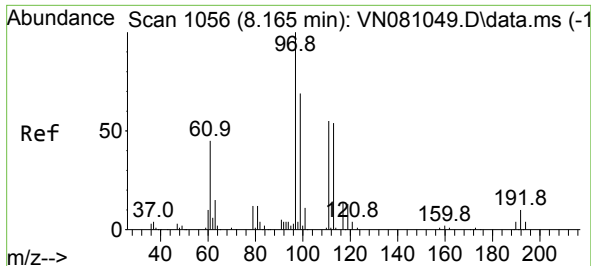
Ion Ratio Lower Upper

114 100

63 20.3 0.0 48.0

88 15.5 0.0 34.8

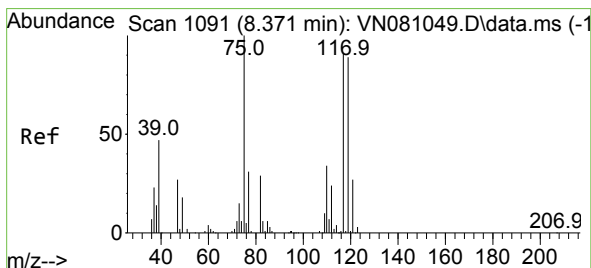
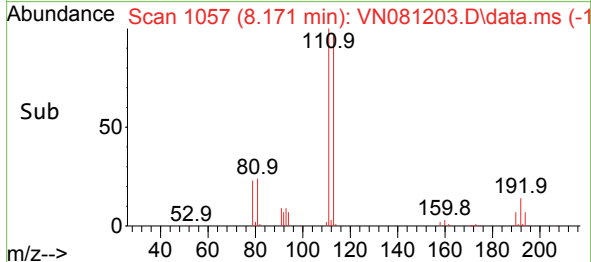
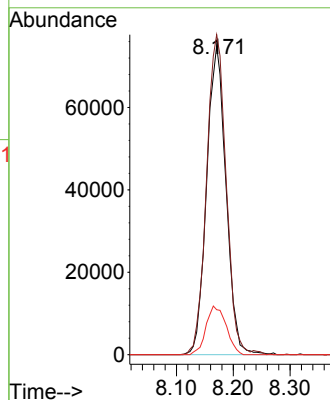
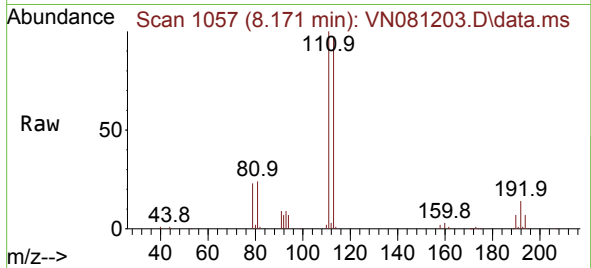




#35
Dibromofluoromethane
Concen: 50.769 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

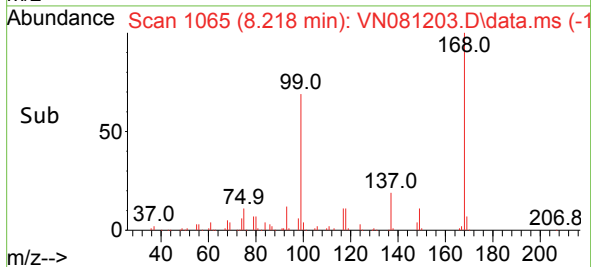
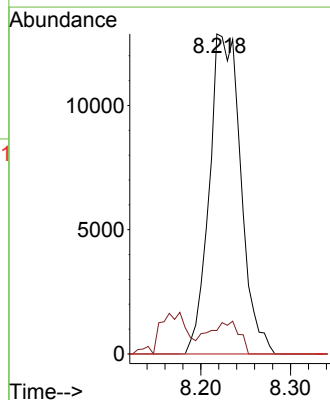
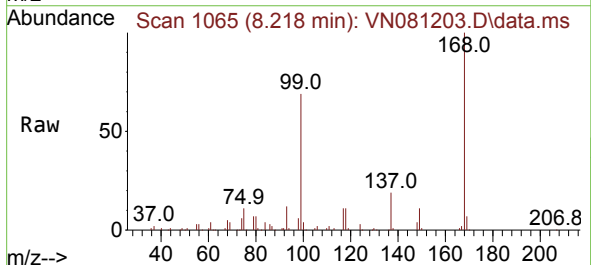
Instrument :
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RW10A-MW01-20240221

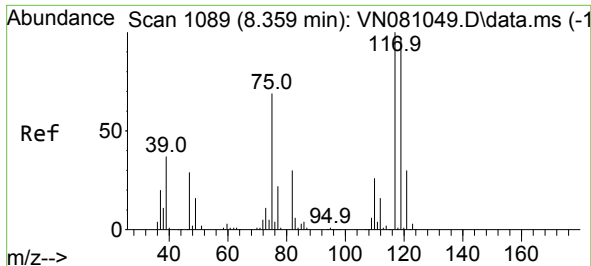
Tgt Ion:113 Resp: 177086
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 16.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.249 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

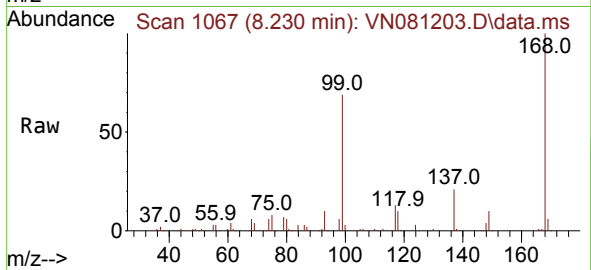
Tgt Ion: 75 Resp: 31365
Ion Ratio Lower Upper
75 100
110 10.0 16.0 48.0#
77 0.0 25.8 38.6#



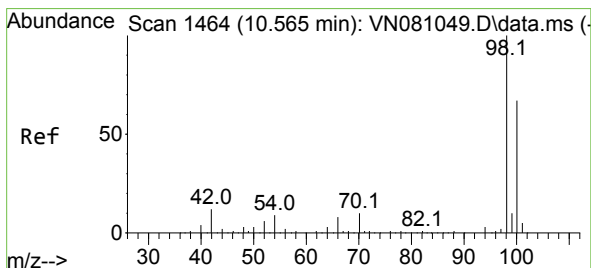
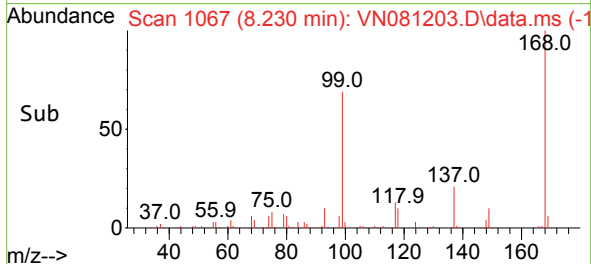
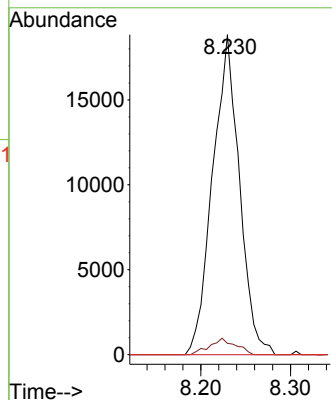


#38
Carbon Tetrachloride
Concen: 6.460 ug/l
RT: 8.230 min Scan# 1089
Delta R.T. -0.129 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221

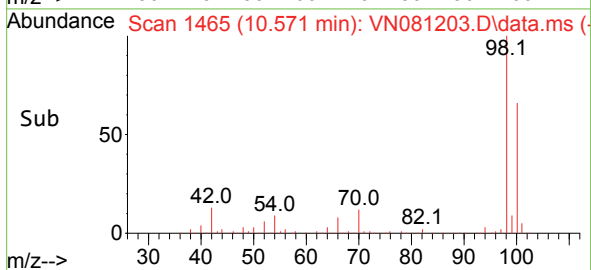
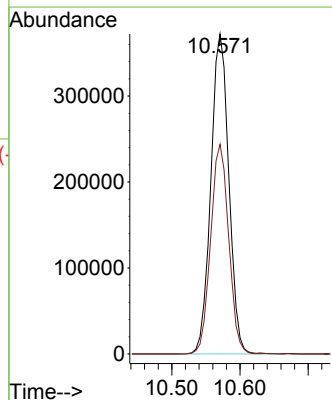
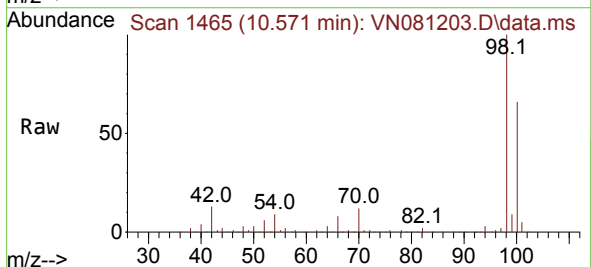


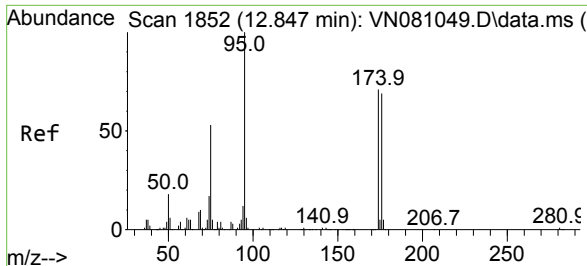
Tgt Ion:117 Resp: 39054
Ion Ratio Lower Upper
117 100
119 3.5 73.4 110.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 55.094 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

Tgt Ion: 98 Resp: 682538
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0

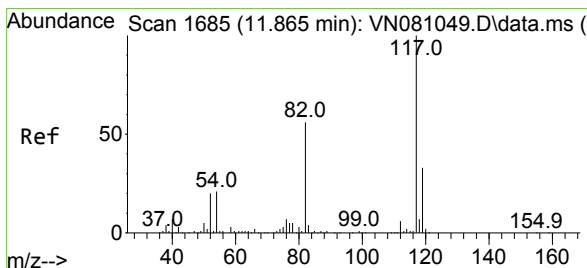
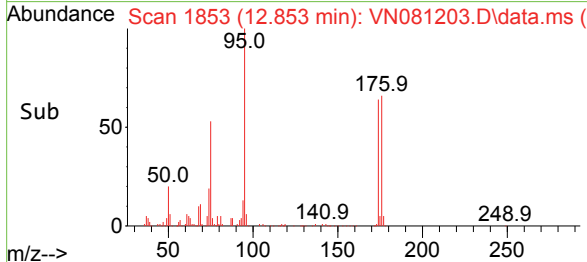
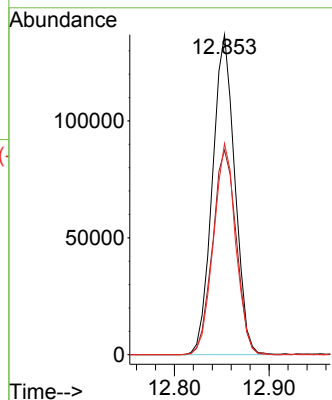
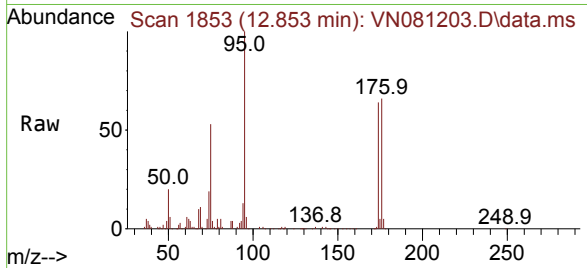




#62
4-Bromofluorobenzene
Concen: 48.257 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

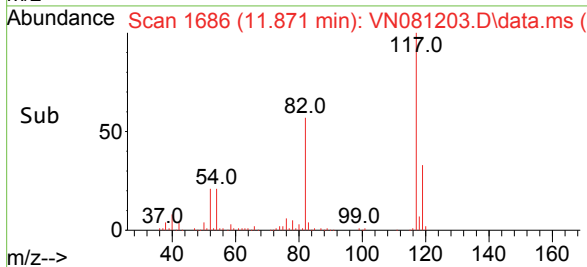
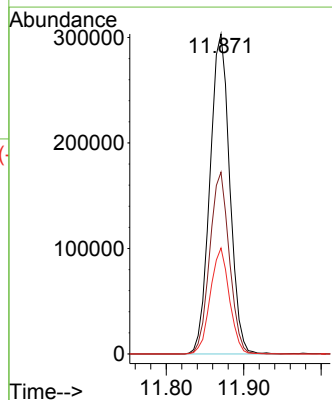
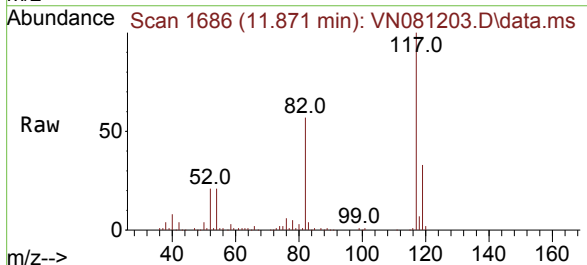
Instrument :
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ClientSampleId :
RW10A-MW01I-20240221

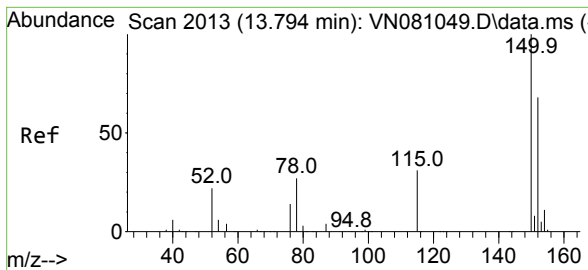
Tgt Ion: 95 Resp: 224641
Ion Ratio Lower Upper
95 100
174 67.8 0.0 120.4
176 65.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081203.D
Acq: 26 Feb 2024 18:28

Tgt Ion: 117 Resp: 539038
Ion Ratio Lower Upper
117 100
82 56.8 52.7 79.1
119 33.1 25.3 37.9

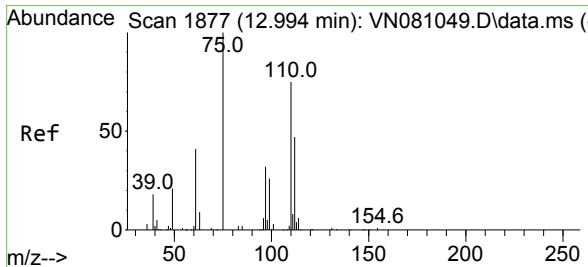
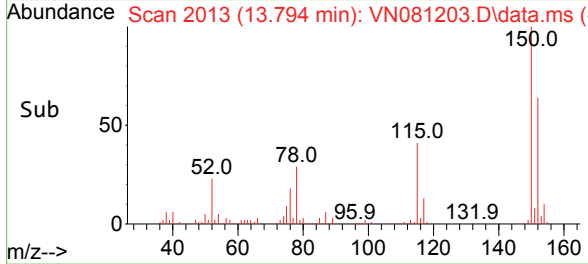
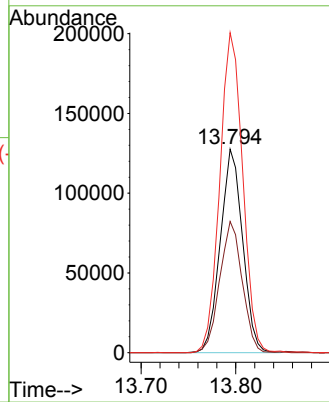
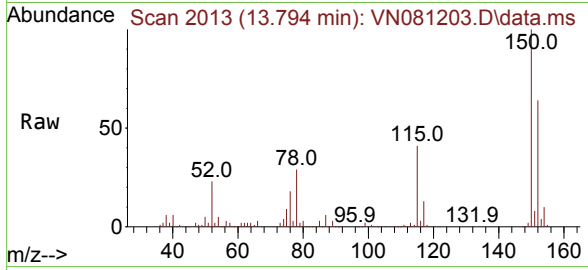




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081203.D
 Acq: 26 Feb 2024 18:28

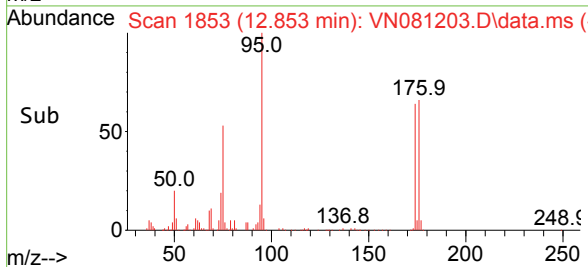
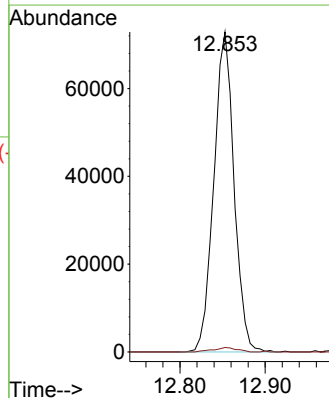
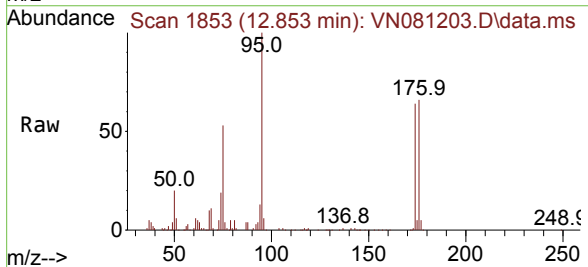
Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-MW01I-20240221

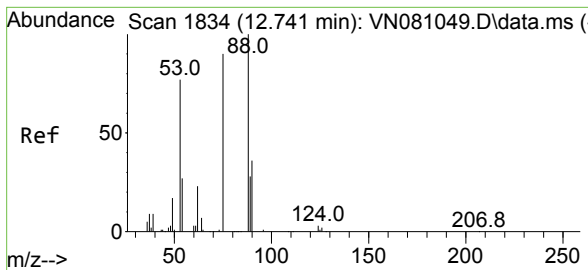
Tgt Ion:152 Resp: 209633
 Ion Ratio Lower Upper
 152 100
 115 64.9 32.3 96.8
 150 161.3 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 25.173 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081203.D
 Acq: 26 Feb 2024 18:28

Tgt Ion: 75 Resp: 119900
 Ion Ratio Lower Upper
 75 100
 77 1.6 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.794 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081203.D
 Acq: 26 Feb 2024 18:28

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-MW01I-20240221

Tgt Ion: 75 Resp: 119900
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

