

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081196.D
 Acq On : 26 Feb 2024 15:40
 Operator : JC\MD
 Sample : P1533-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D1-20240217

Quant Time: Feb 27 00:08:22 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)

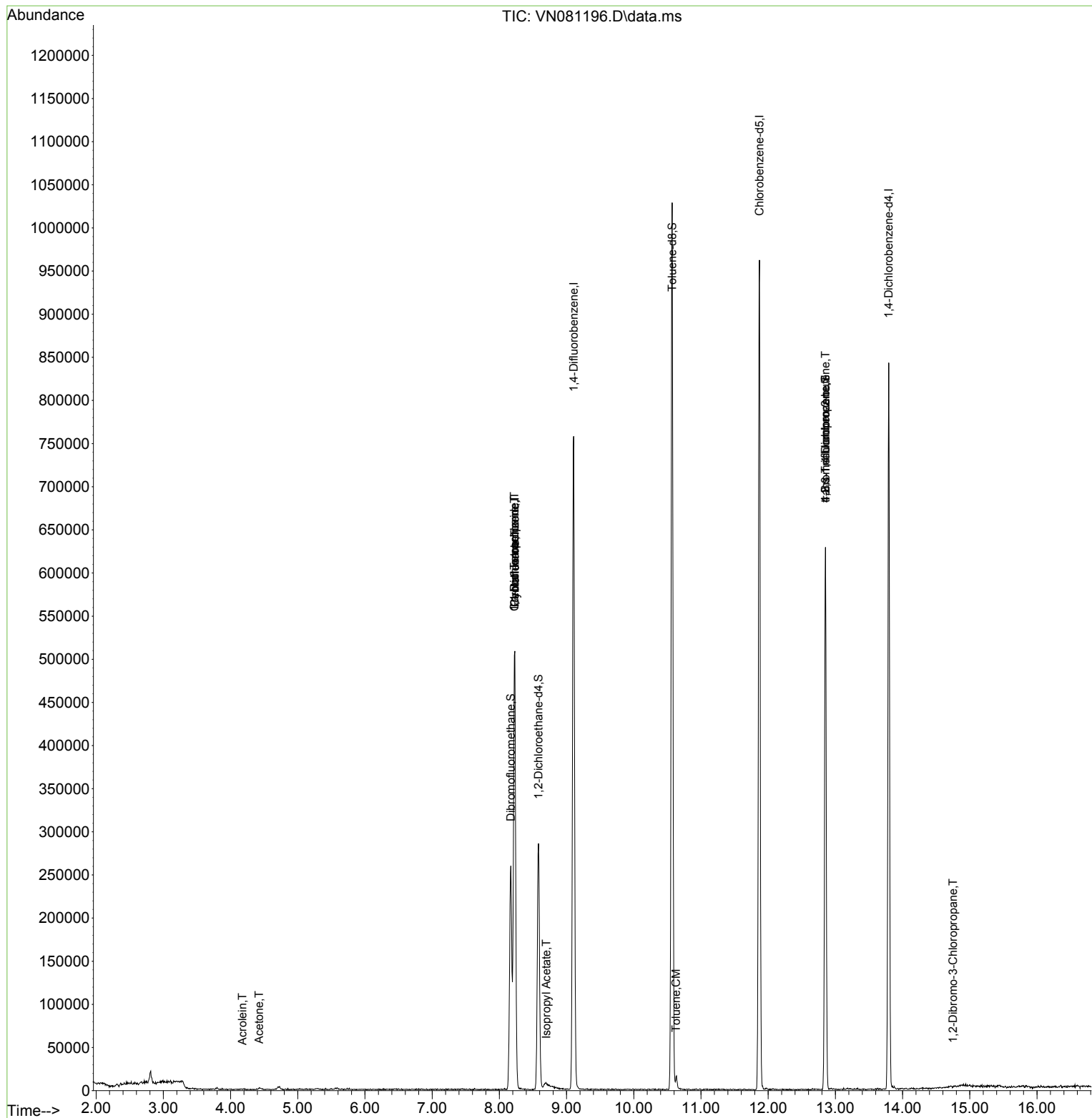
Internal Standards						
1) Pentafluorobenzene	8.230	168	360199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	658501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	231184	52.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.720%	
35) Dibromofluoromethane	8.171	113	186959	50.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.420%	
50) Toluene-d8	10.571	98	711469	53.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.600%	
62) 4-Bromofluorobenzene	12.853	95	216203	43.506	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1002	Below Cal	#	61
6) Chloroethane	3.136	64	259	Below Cal	#	42
13) Acrolein	4.177	56	543	1.248	ug/l #	27
16) Acetone	4.424	43	4566	2.628	ug/l #	81
20) Methylene Chloride	5.283	84	449	Below Cal	#	43
31) Cyclohexane	8.230	56	9468	1.242	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	34113	5.347	ug/l #	51
38) Carbon Tetrachloride	8.224	117	41487	6.428	ug/l #	19
43) Isopropyl Acetate	8.700	43	7409	0.736	ug/l #	57
49) 1,4-Dioxane	9.712	88	229	Below Cal	#	7
52) Toluene	10.629	92	5611	0.480	ug/l	95
76) 1,2,3-Trichloropropane	12.853	75	118933	24.993	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	118933	64.331	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.753	75	263	0.245	ug/l #	13

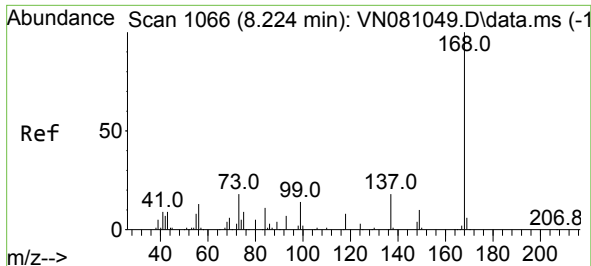
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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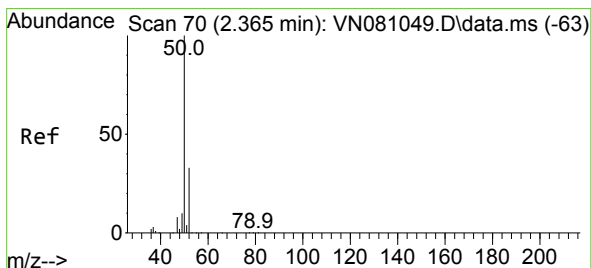
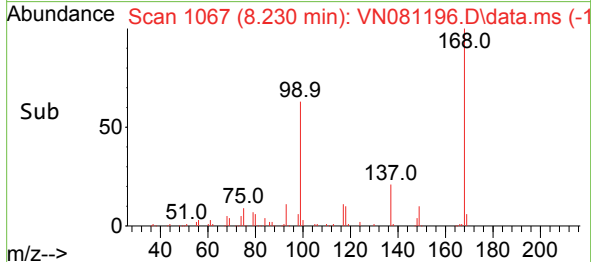
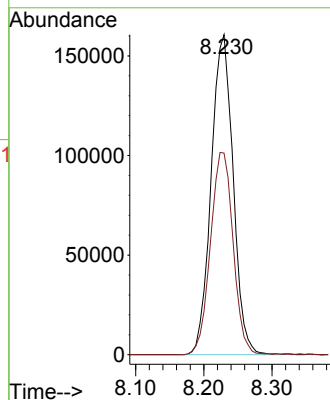
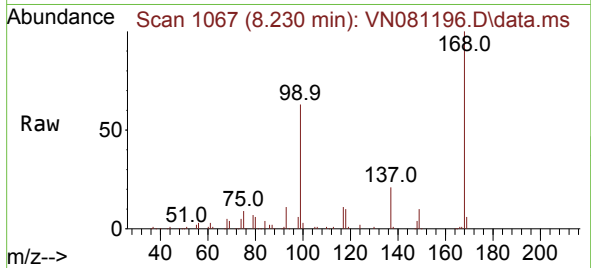




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

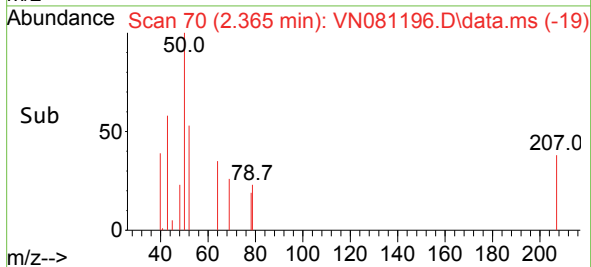
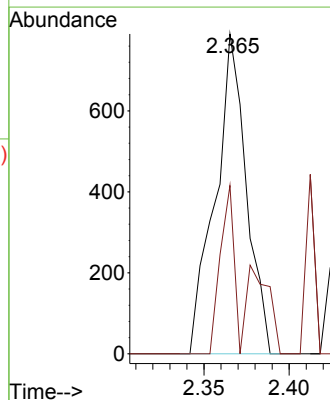
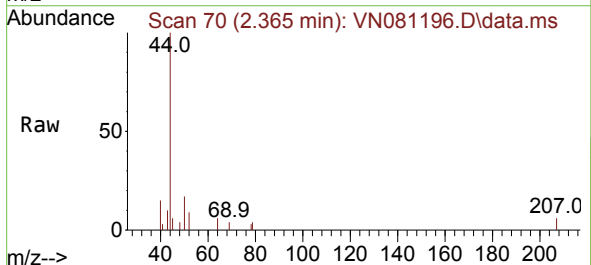
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20240217

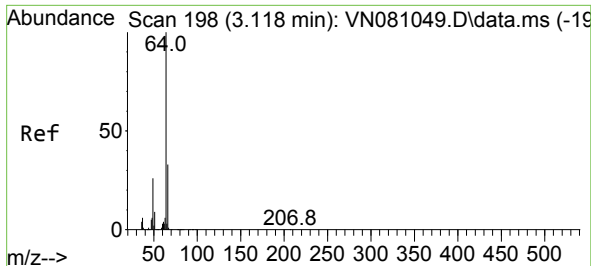
Tgt Ion:168 Resp: 360199
Ion Ratio Lower Upper
168 100
99 63.0 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Tgt Ion: 50 Resp: 1002
Ion Ratio Lower Upper
50 100
52 52.7 25.0 37.4#





#6

Chloroethane

Concen: Below Cal

RT: 3.136 min Scan# 201

Delta R.T. 0.018 min

Lab File: VN081196.D

Acq: 26 Feb 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

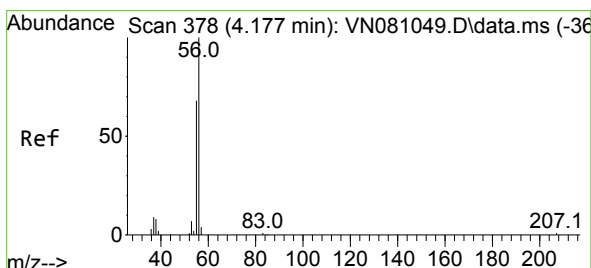
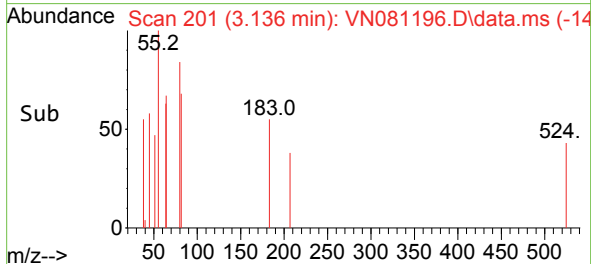
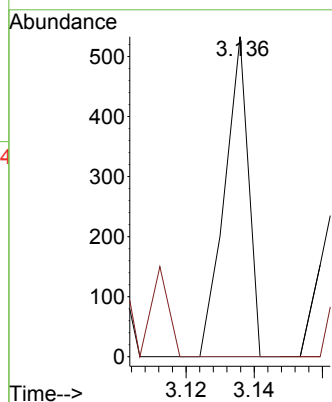
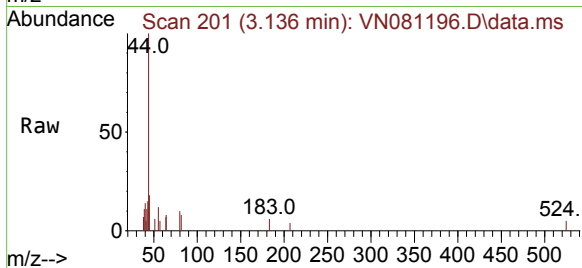
RW9-MW01D1-20240217

Tgt Ion: 64 Resp: 259

Ion Ratio Lower Upper

64 100

66 0.0 26.4 39.6#



#13

Acrolein

Concen: 1.248 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN081196.D

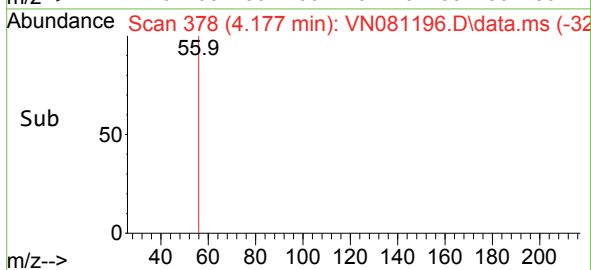
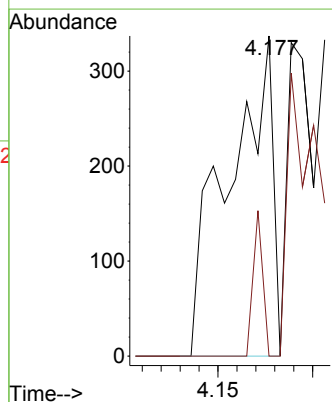
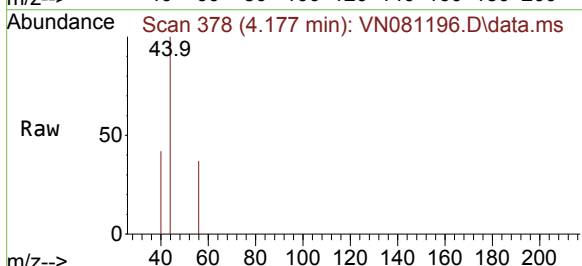
Acq: 26 Feb 2024 15:40

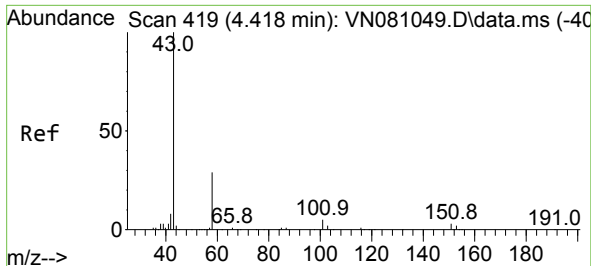
Tgt Ion: 56 Resp: 543

Ion Ratio Lower Upper

56 100

55 9.9 55.3 82.9#

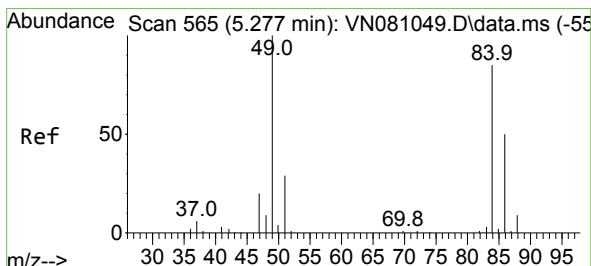
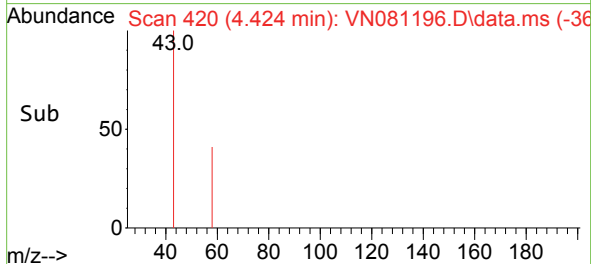
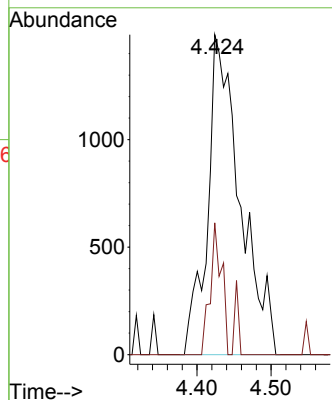
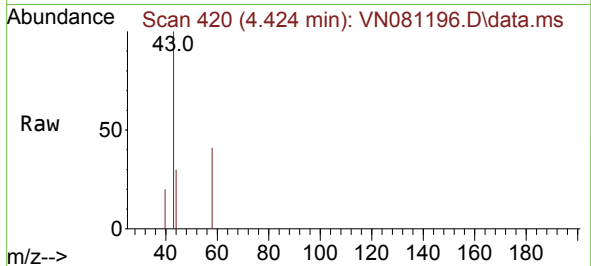




#16
Acetone
Concen: 2.628 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

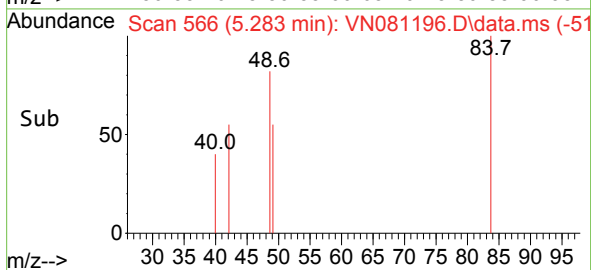
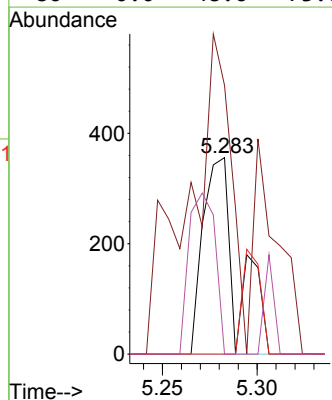
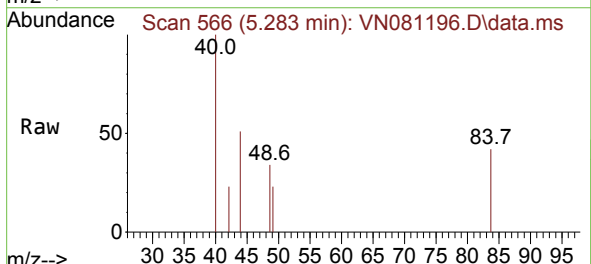
Instrument :
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RW9-MW01D1-20240217

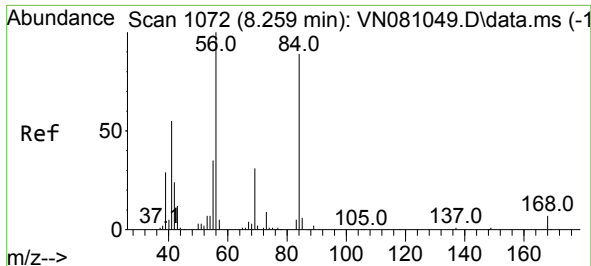
Tgt Ion: 43 Resp: 4566
Ion Ratio Lower Upper
43 100
58 41.2 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Tgt Ion: 84 Resp: 449
Ion Ratio Lower Upper
84 100
49 83.1 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#

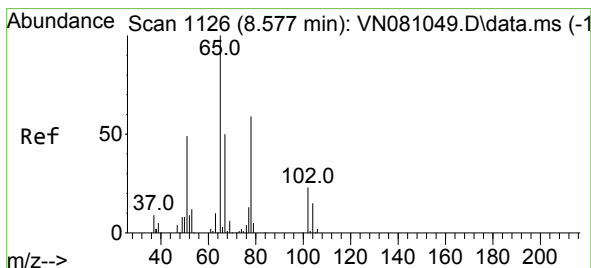
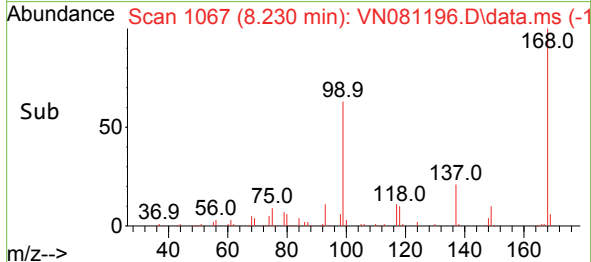
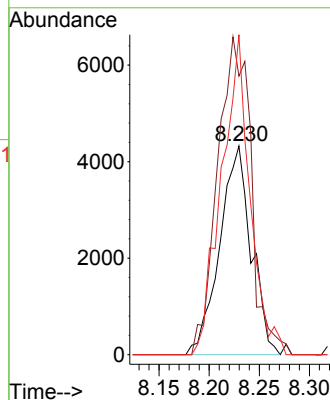
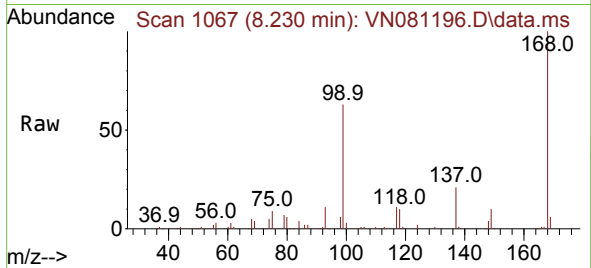




#31
Cyclohexane
Concen: 1.242 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

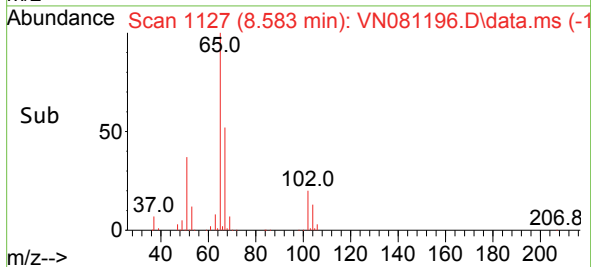
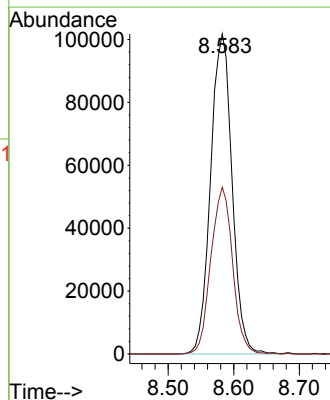
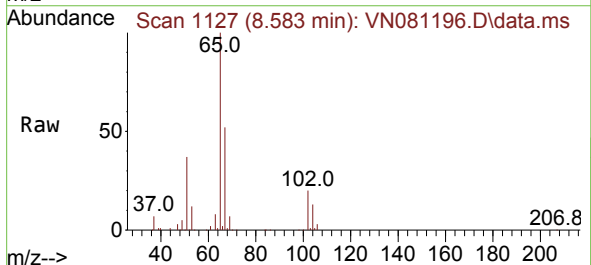
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20240217

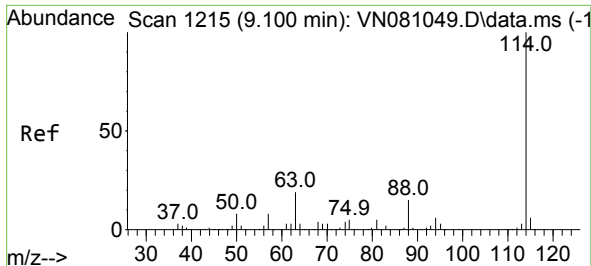
Tgt Ion: 56 Resp: 9468
Ion Ratio Lower Upper
56 100
69 133.5 20.1 30.1#
84 153.4 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 52.363 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Tgt Ion: 65 Resp: 231184
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4

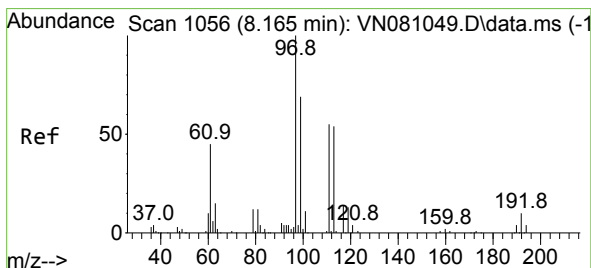
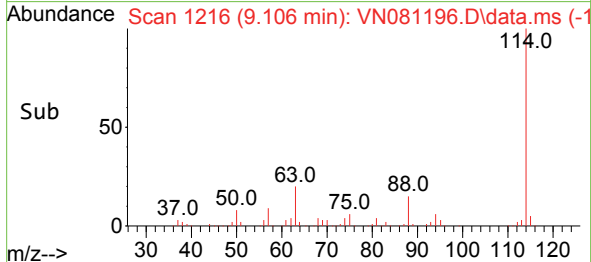
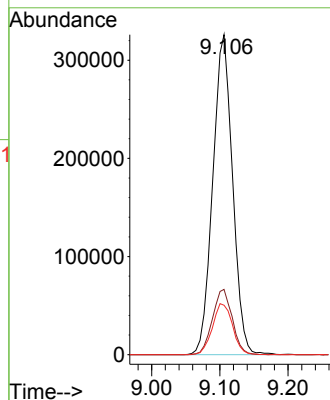
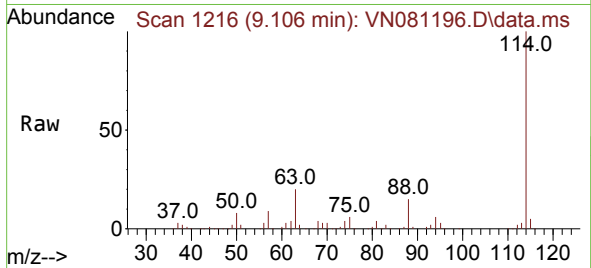




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

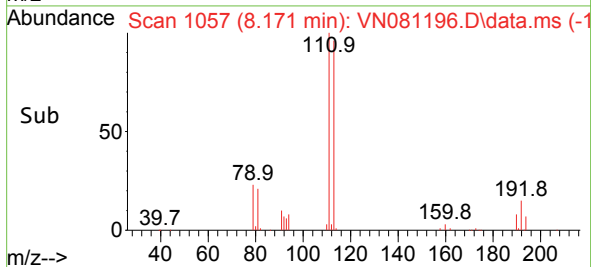
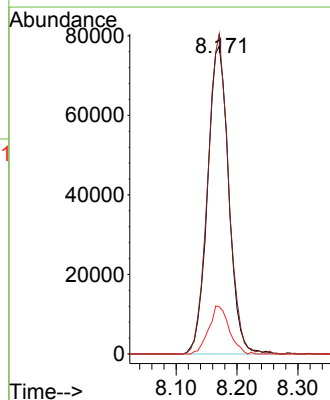
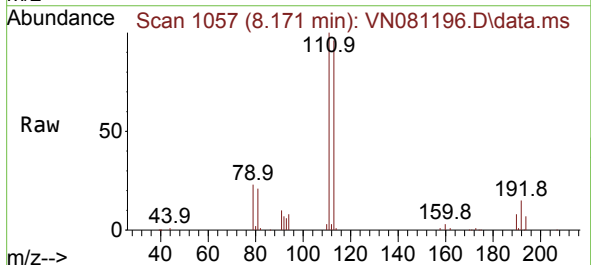
Instrument :
MSVOA_N
ClientSampleId :
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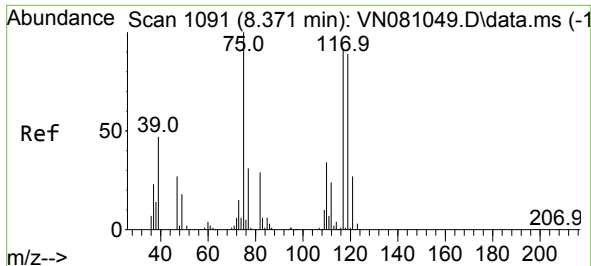
Tgt Ion:114 Resp: 658501
Ion Ratio Lower Upper
114 100
63 20.4 0.0 48.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.209 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Tgt Ion:113 Resp: 186959
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 15.0 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.347 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081196.D

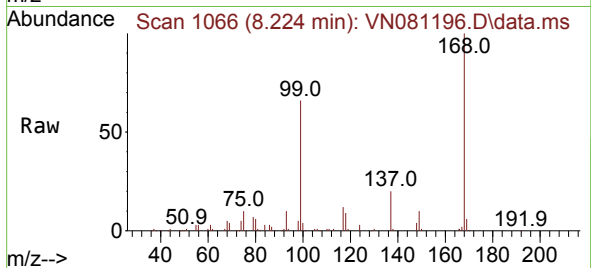
Acq: 26 Feb 2024 15:40

Instrument :

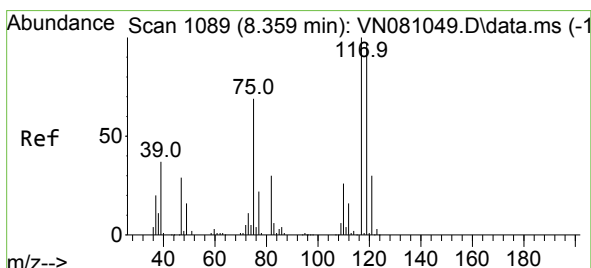
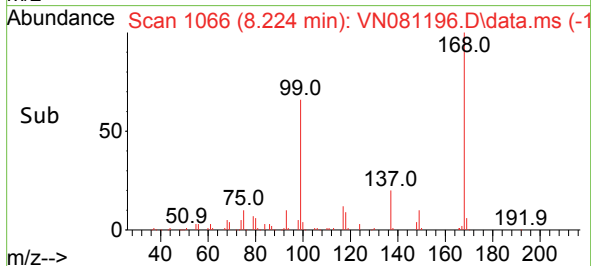
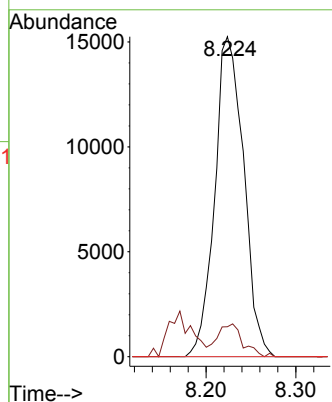
MSVOA_N

ClientSampleId :

RW9-MW01D1-20240217



Tgt Ion: 75	Resp:	34113
Ion Ratio	Lower	Upper
75	100	
110	9.1	16.0 48.0#
77	0.0	25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.428 ug/l

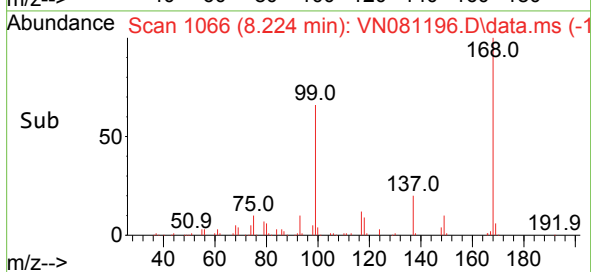
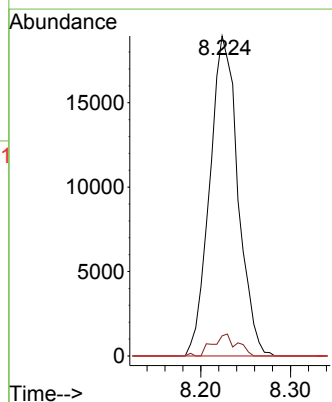
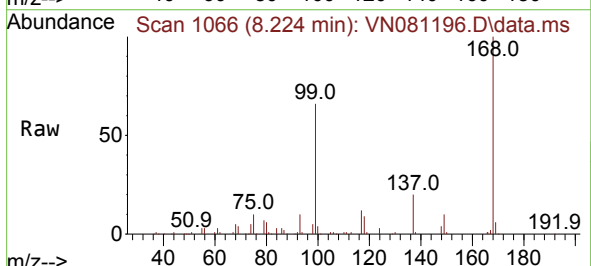
RT: 8.224 min Scan# 1066

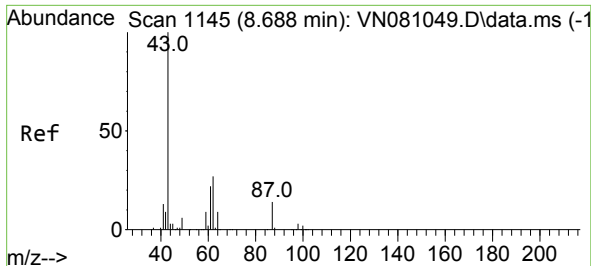
Delta R.T. -0.135 min

Lab File: VN081196.D

Acq: 26 Feb 2024 15:40

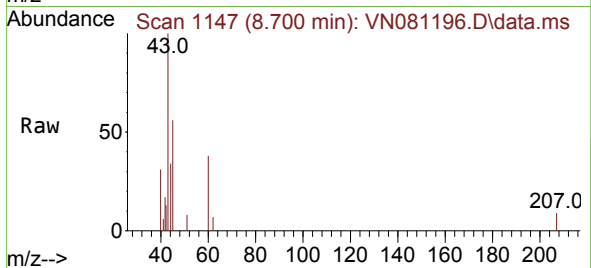
Tgt Ion: 117	Resp:	41487
Ion Ratio	Lower	Upper
117	100	
119	6.3	73.4 110.2#
121	0.0	24.4 36.6#



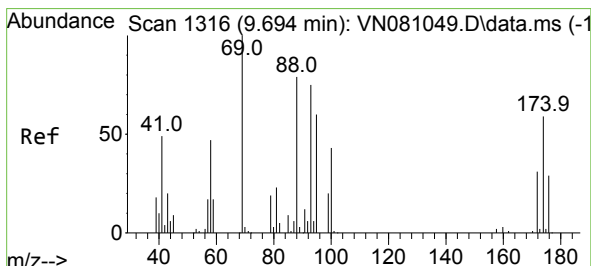
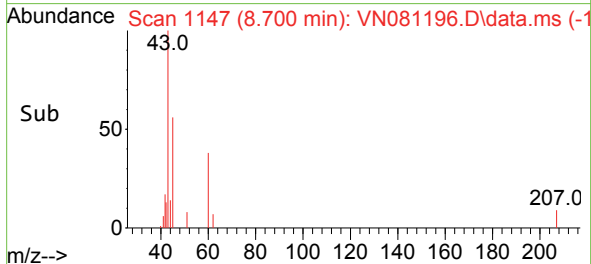
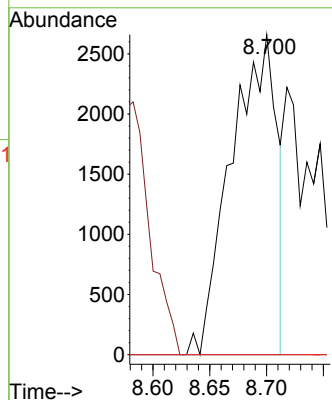


#43
Isopropyl Acetate
Concen: 0.736 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20240217

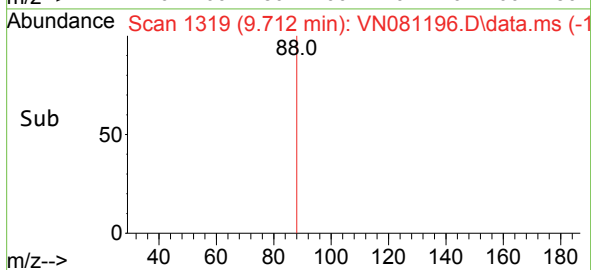
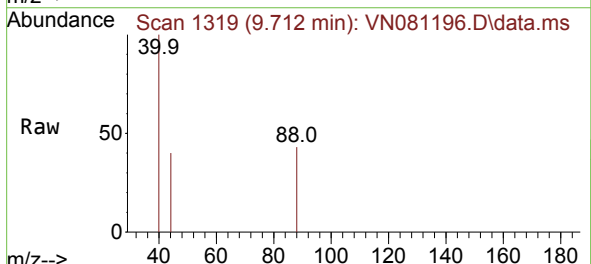
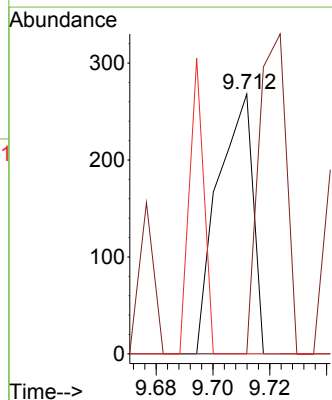


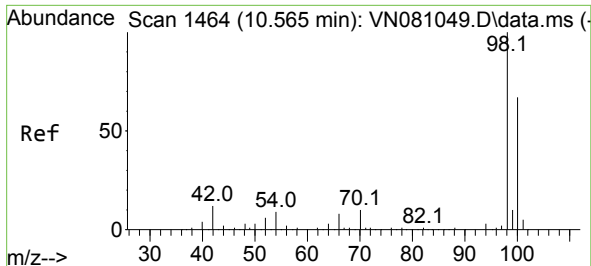
Tgt Ion: 43 Resp: 7409
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.712 min Scan# 1319
Delta R.T. 0.018 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Tgt Ion: 88 Resp: 229
Ion Ratio Lower Upper
88 100
43 96.5 30.1 45.1#
58 0.0 63.9 95.9#

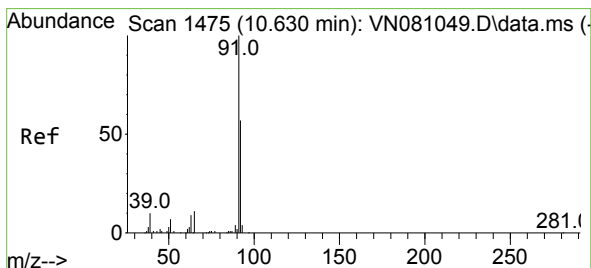
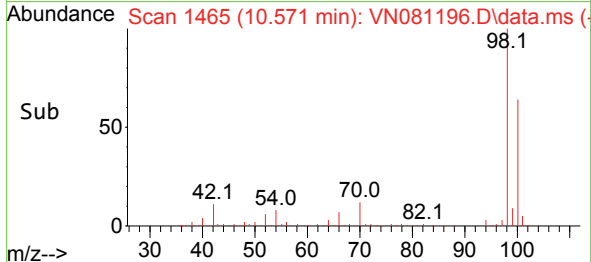
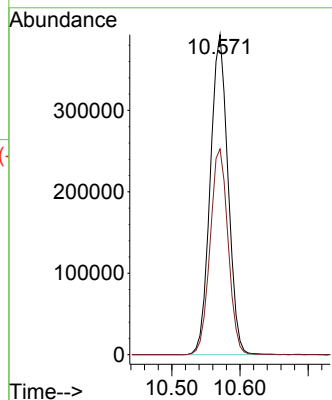
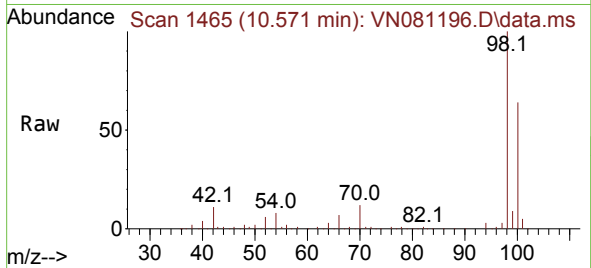




#50
Toluene-d8
Concen: 53.796 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

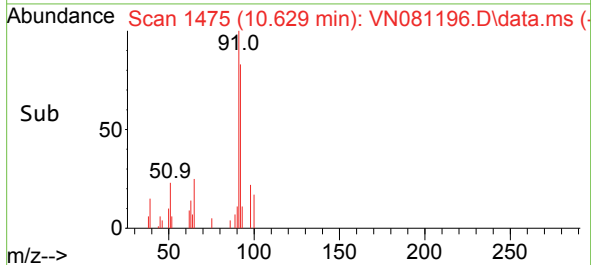
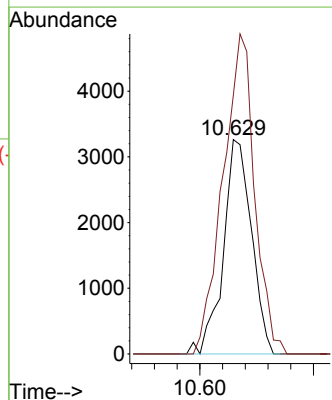
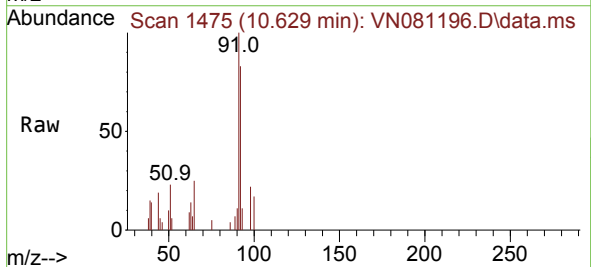
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20240217

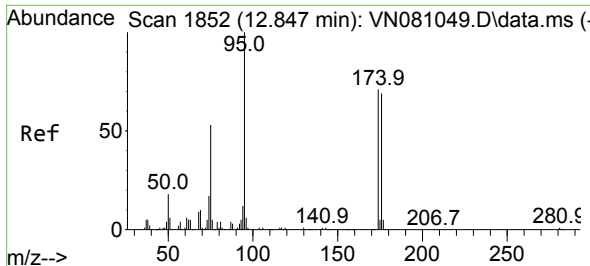
Tgt Ion: 98 Resp: 711469
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#52
Toluene
Concen: 0.480 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Tgt Ion: 92 Resp: 5611
Ion Ratio Lower Upper
92 100
91 167.8 139.4 209.0

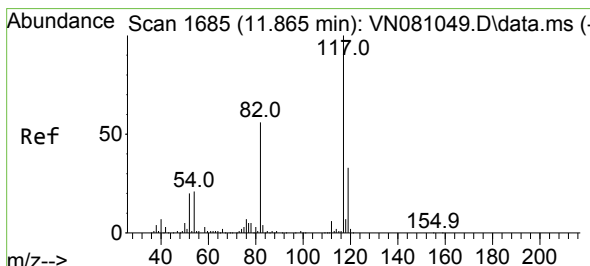
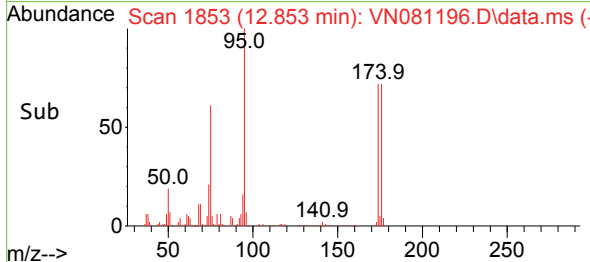
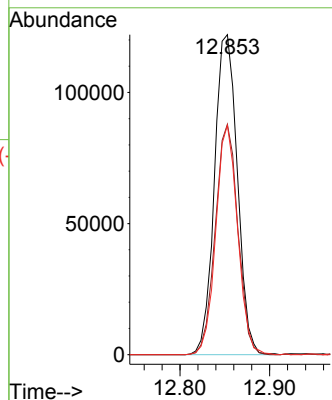
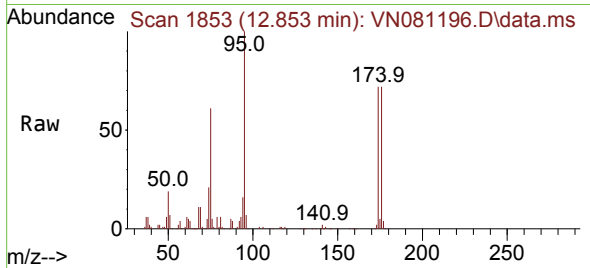




#62
4-Bromofluorobenzene
Concen: 43.506 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

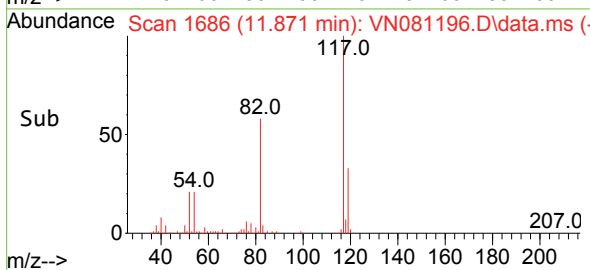
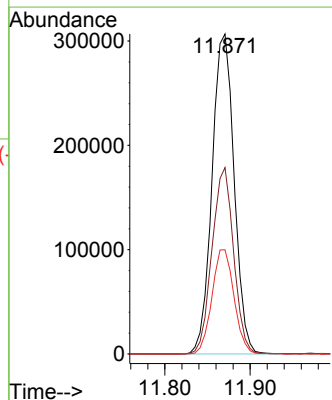
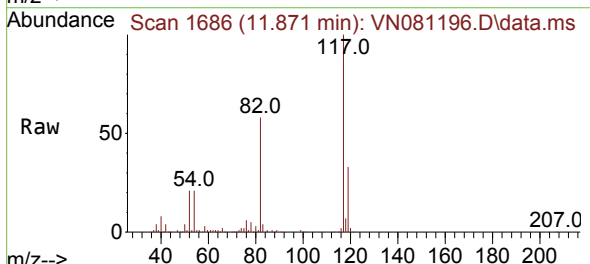
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20240217

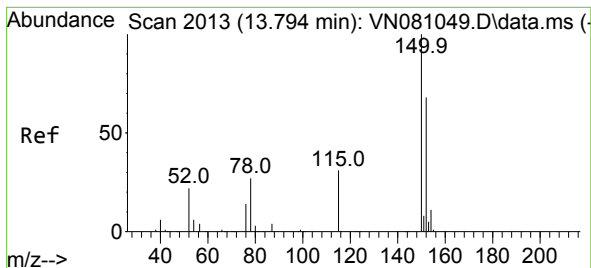
Tgt Ion: 95 Resp: 216203
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 68.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Tgt Ion: 117 Resp: 552744
Ion Ratio Lower Upper
117 100
82 58.3 52.7 79.1
119 32.6 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: VN081196.D

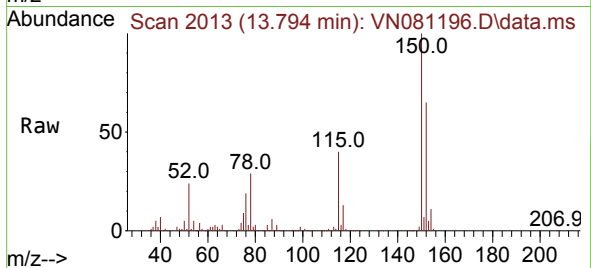
Acq: 26 Feb 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D1-20240217



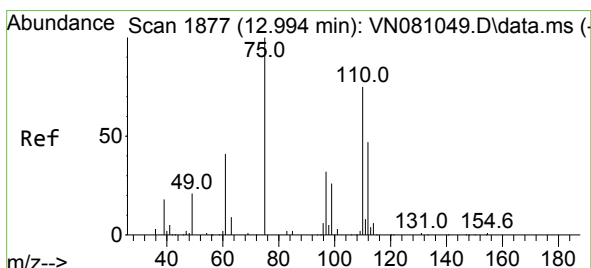
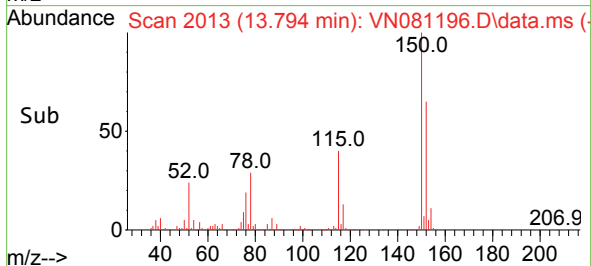
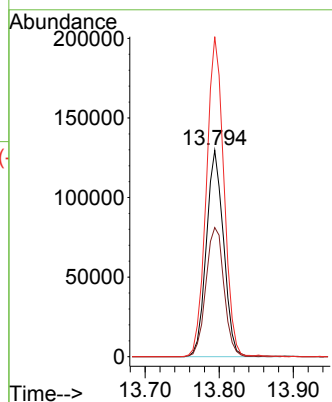
Tgt Ion:152 Resp: 209439

Ion Ratio Lower Upper

152 100

115 65.7 32.3 96.8

150 157.7 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 24.993 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081196.D

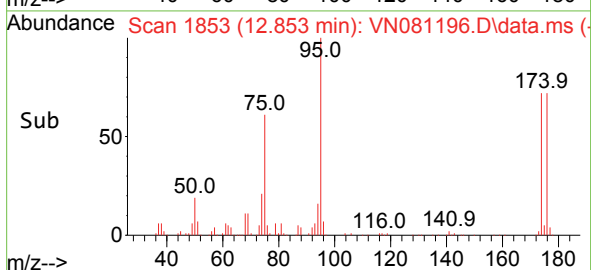
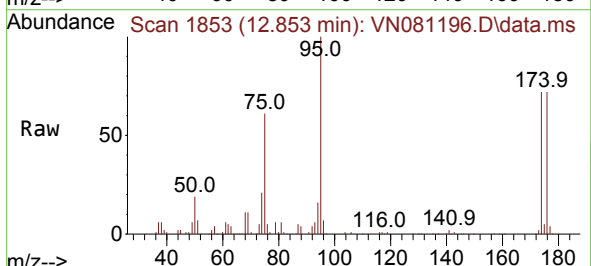
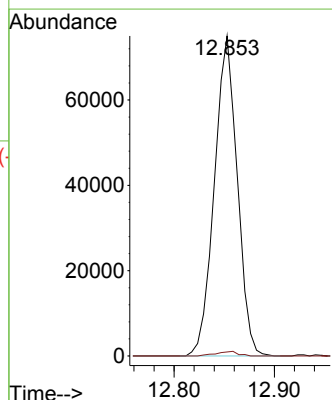
Acq: 26 Feb 2024 15:40

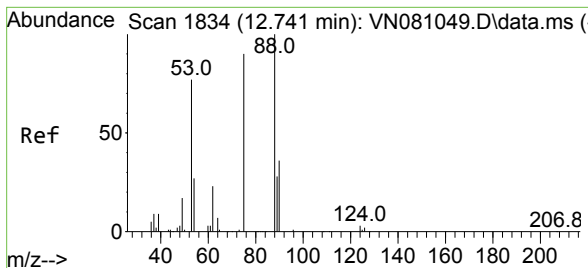
Tgt Ion: 75 Resp: 118933

Ion Ratio Lower Upper

75 100

77 1.3 91.0 272.8#

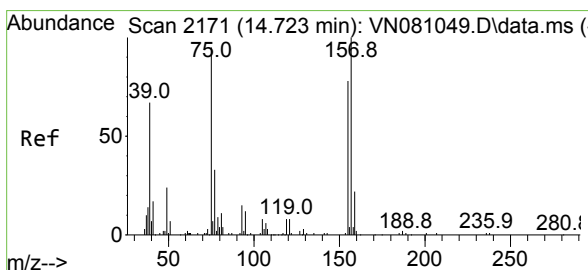
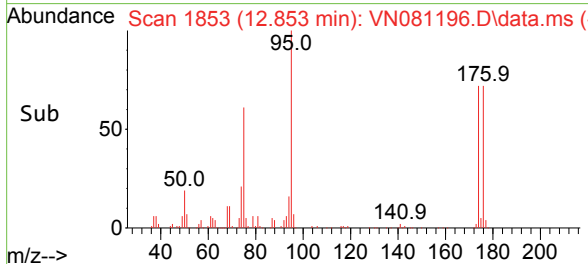
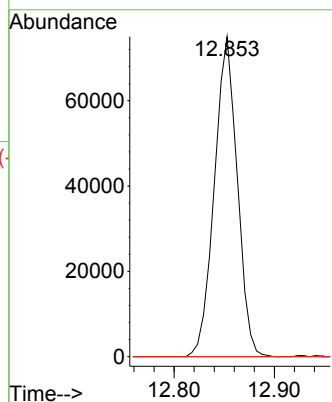
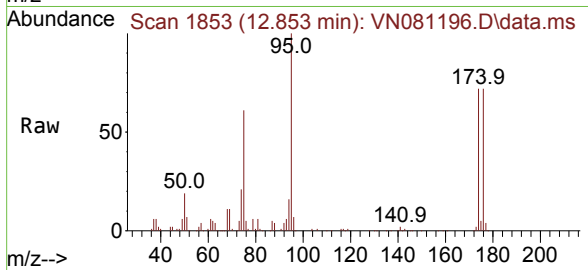




#81
trans-1,4-Dichloro-2-butene
Concen: 64.331 ug/l
RT: 12.853 min Scan# 118933
Delta R.T. 0.112 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20240217

Tgt Ion: 75 Resp: 118933
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.245 ug/l
RT: 14.753 min Scan# 2176
Delta R.T. 0.029 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Tgt Ion: 75 Resp: 263
Ion Ratio Lower Upper
75 100
155 0.0 31.8 95.4#
157 0.0 41.1 123.4#

