

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079264.D
 Acq On : 15 Sep 2023 11:31
 Operator : JC\MD
 Sample : VN0915MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:36:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

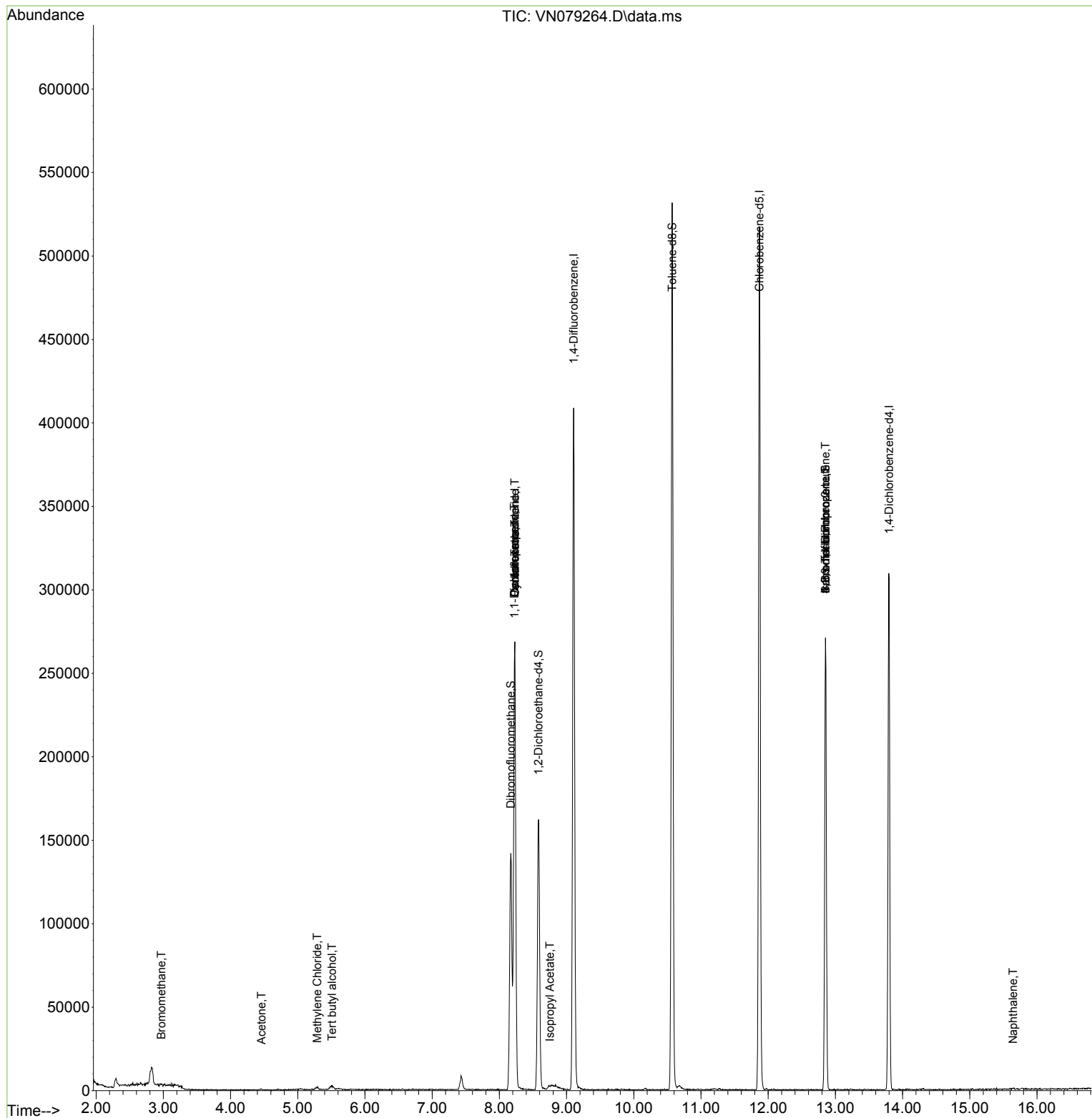
Internal Standards						
1) Pentafluorobenzene	8.229	168	185282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	291814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	82314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133218	53.263	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.520%	
35) Dibromofluoromethane	8.171	113	102797	45.052	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.100%	
50) Toluene-d8	10.571	98	358204	42.754	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 85.500%#	
62) 4-Bromofluorobenzene	12.853	95	92747	34.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 69.400%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	558	0.370	ug/l	82
6) Chloroethane	3.118	64	307	Below Cal	#	43
11) Tert butyl alcohol	5.512	59	2012	4.357	ug/l #	72
16) Acetone	4.459	43	648	0.610	ug/l #	40
20) Methylene Chloride	5.289	84	1041	0.403	ug/l #	88
31) Cyclohexane	8.229	56	5204	1.425	ug/l #	42
36) 1,1-Dichloropropene	8.224	75	17279	4.913	ug/l #	49
38) Carbon Tetrachloride	8.229	117	19833	5.449	ug/l #	19
43) Isopropyl Acetate	8.753	43	1851	0.323	ug/l #	49
58) 2-Chloroethyl Vinyl ether	10.182	63	179	Below Cal		94
71) Bromoform	12.853	173	765	0.418	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	51966	23.424	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	51966	64.398	ug/l #	15
95) Naphthalene	15.647	128	975	0.298	ug/l #	70

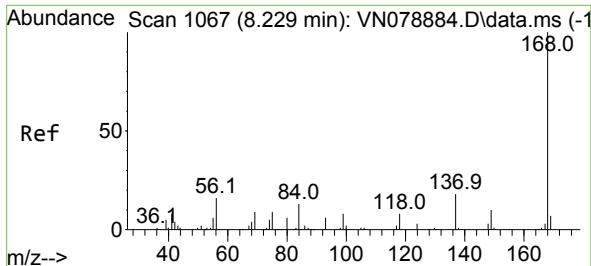
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

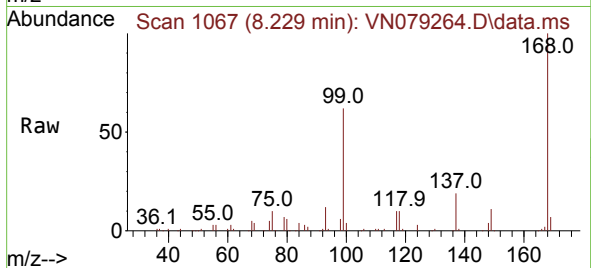
Quant Time: Sep 16 01:36:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



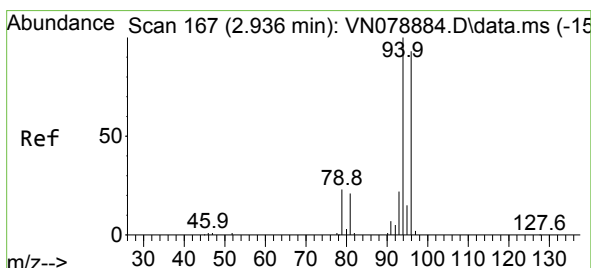
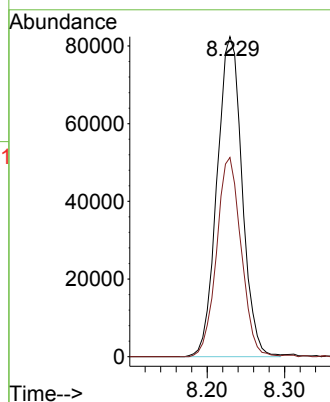
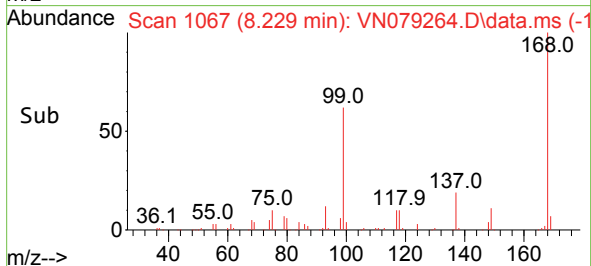


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :

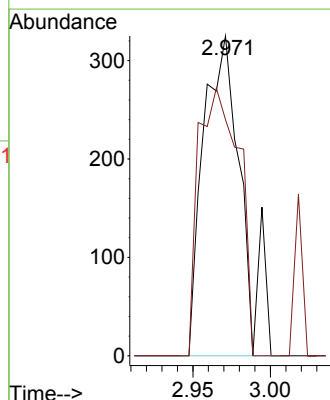
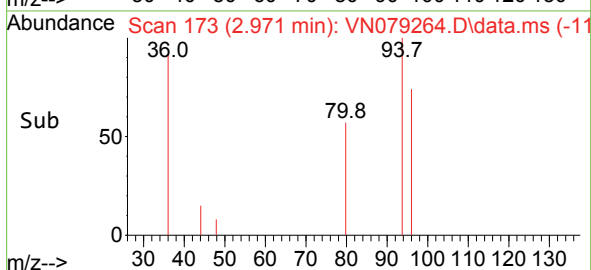
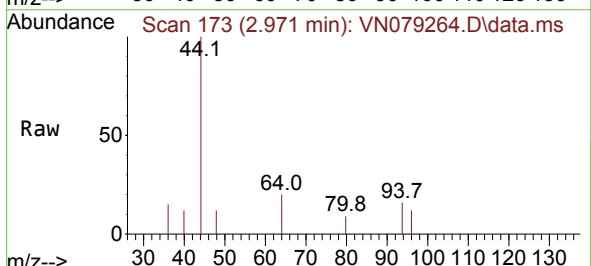


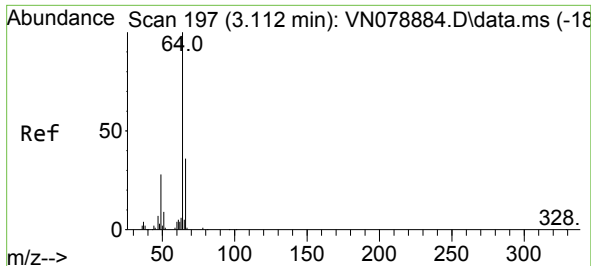
Tgt Ion:168 Resp: 185282
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#5
Bromomethane
Concen: 0.370 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.023 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Tgt Ion: 94 Resp: 558
Ion Ratio Lower Upper
94 100
96 73.8 73.1 109.7

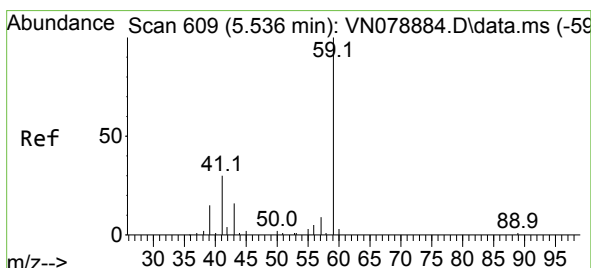
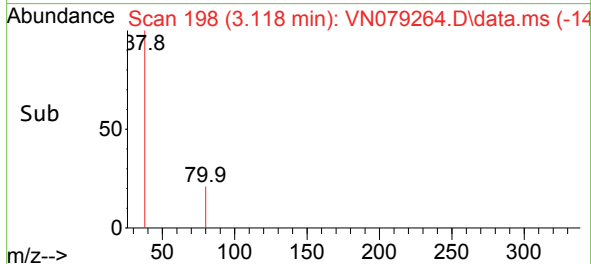
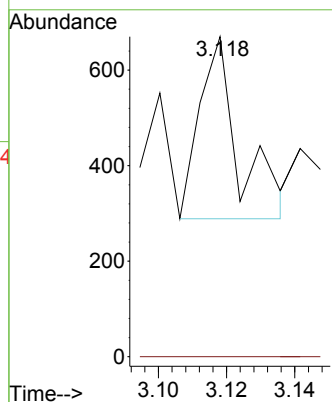
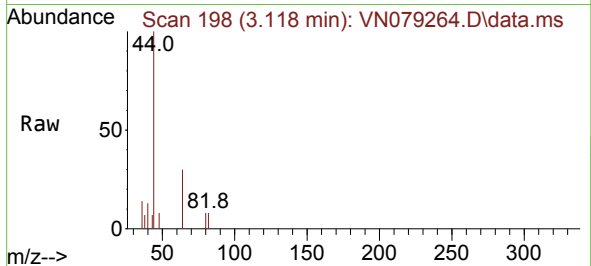




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

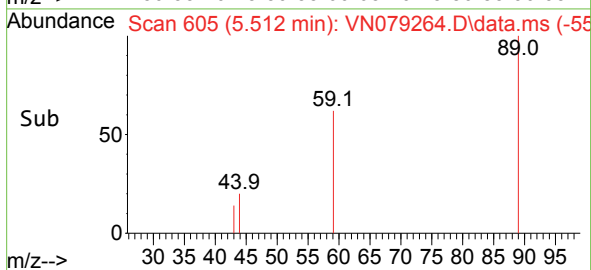
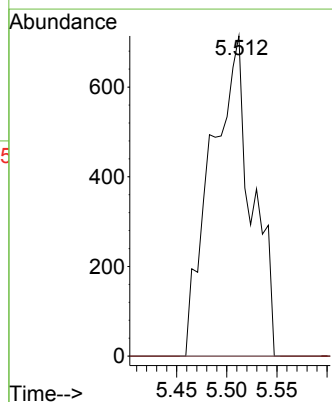
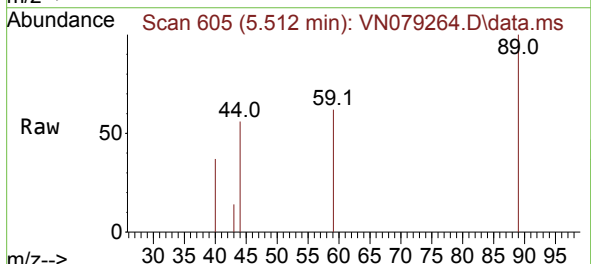
Instrument :
MSVOA_N
ClientSampleId :

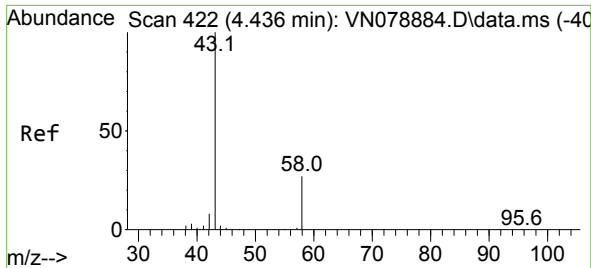
Tgt Ion: 64 Resp: 307
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 4.357 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.030 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Tgt Ion: 59 Resp: 2012
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 0.610 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.017 min

Lab File: VN079264.D

Acq: 15 Sep 2023 11:31

Instrument :

MSVOA_N

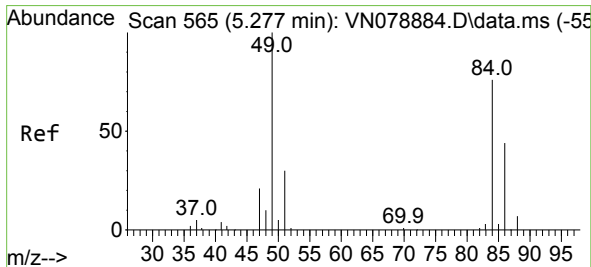
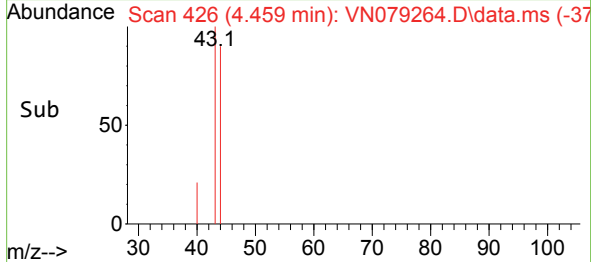
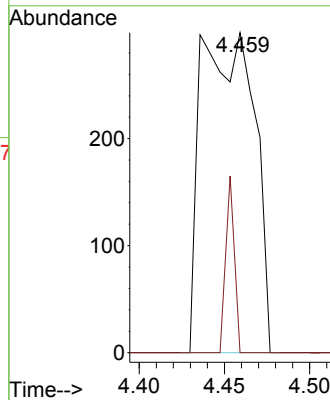
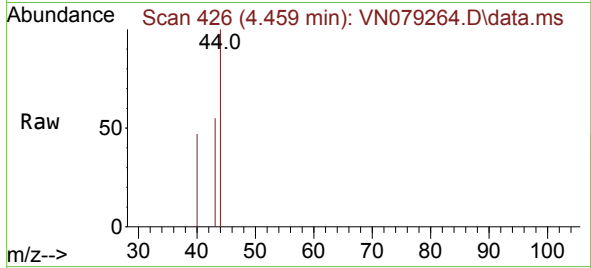
ClientSampleId :

Tgt Ion: 43 Resp: 648

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#20

Methylene Chloride

Concen: 0.403 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.005 min

Lab File: VN079264.D

Acq: 15 Sep 2023 11:31

Tgt Ion: 84 Resp: 1041

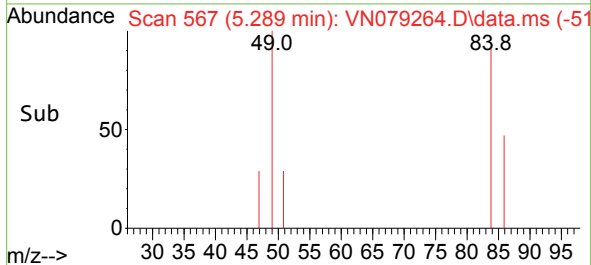
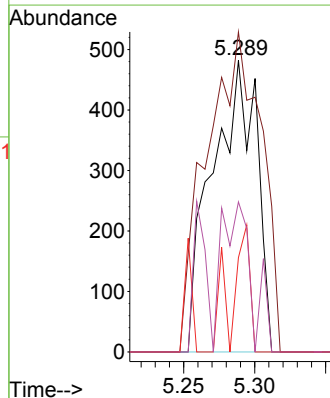
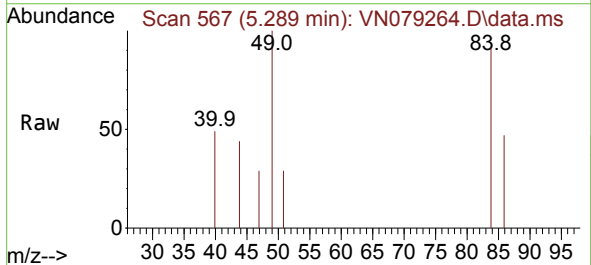
Ion Ratio Lower Upper

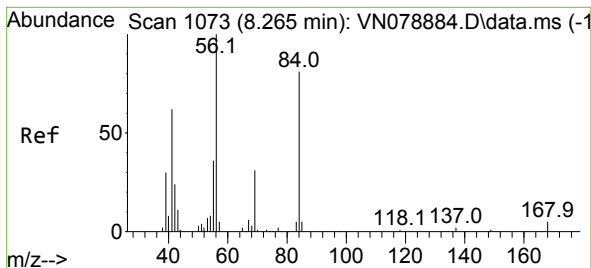
84 100

49 109.8 79.7 119.5

51 32.4 25.2 37.8

86 51.5 53.3 79.9#





#31

Cyclohexane

Concen: 1.425 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.036 min

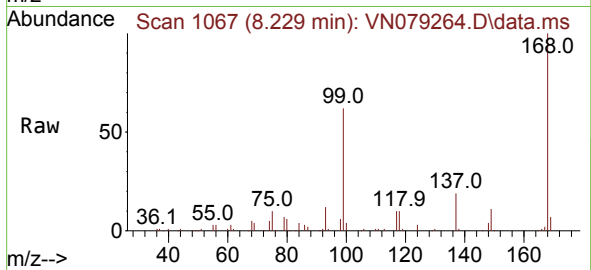
Lab File: VN079264.D

Acq: 15 Sep 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :



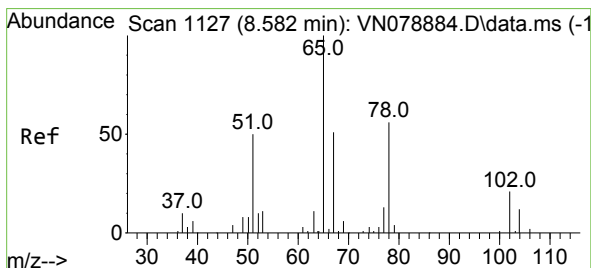
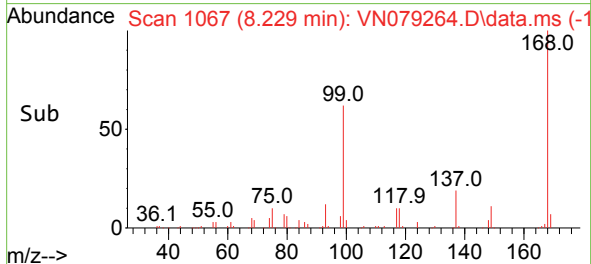
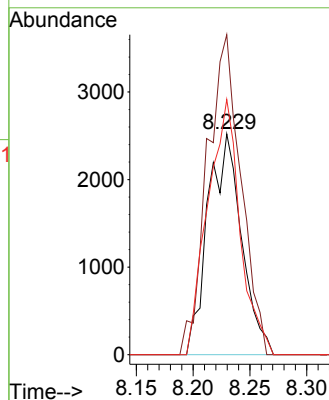
Tgt Ion: 56 Resp: 5204

Ion Ratio Lower Upper

56 100

69 144.9 26.8 40.2#

84 115.6 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 53.263 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079264.D

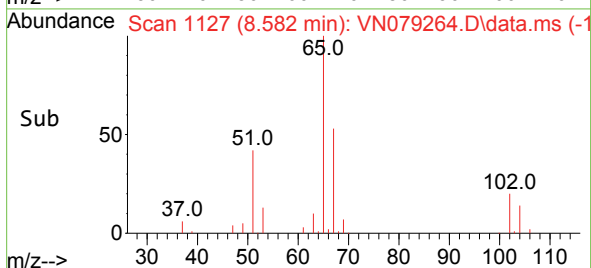
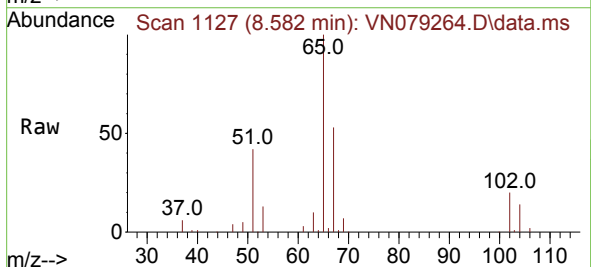
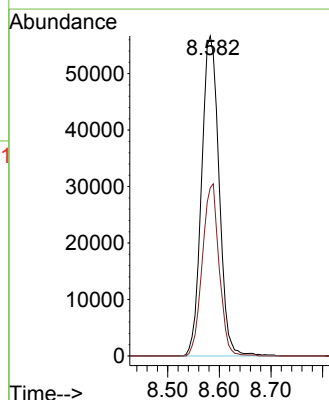
Acq: 15 Sep 2023 11:31

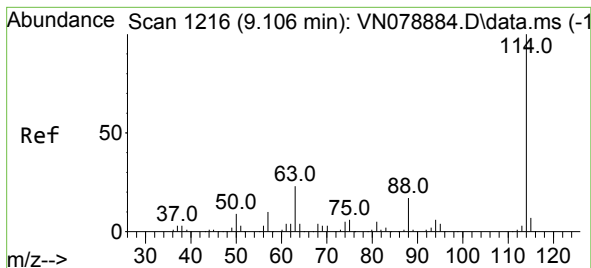
Tgt Ion: 65 Resp: 133218

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

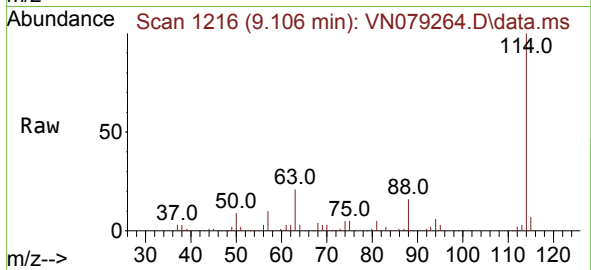
Lab File: VN079264.D

Acq: 15 Sep 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :



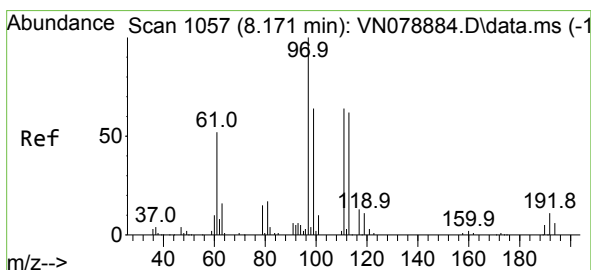
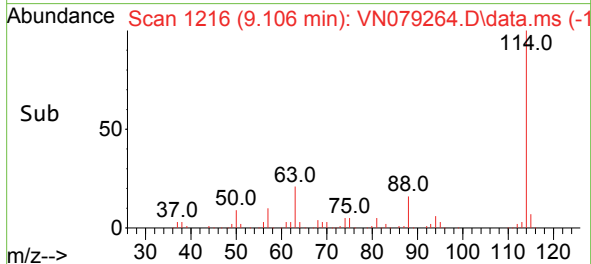
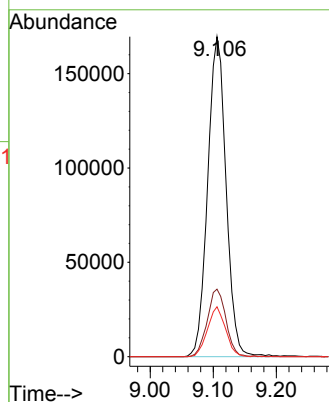
Tgt Ion:114 Resp: 343026

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.052 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079264.D

Acq: 15 Sep 2023 11:31

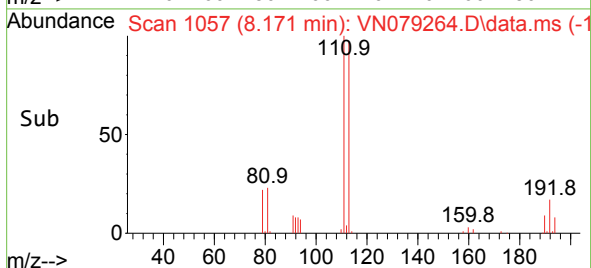
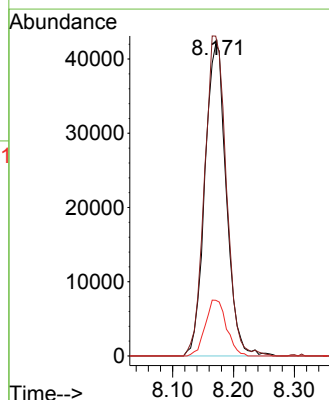
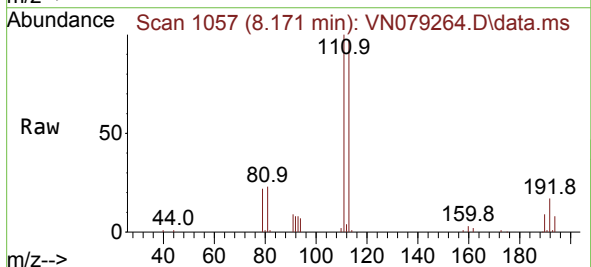
Tgt Ion:113 Resp: 102797

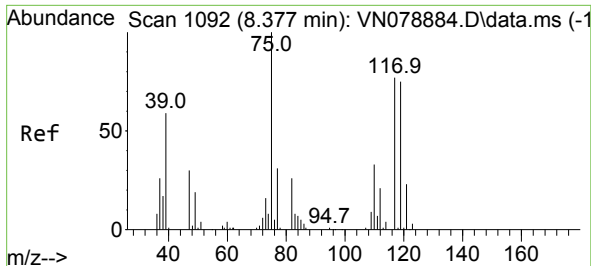
Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

192 17.7 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.913 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

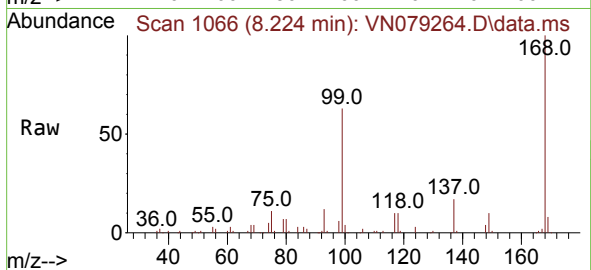
Lab File: VN079264.D

Acq: 15 Sep 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :



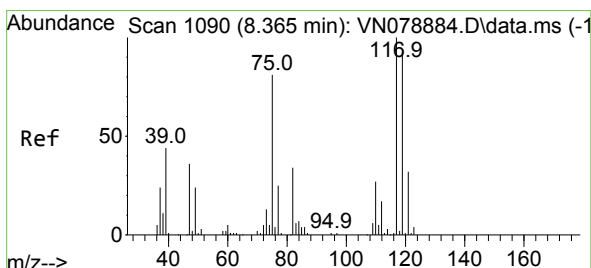
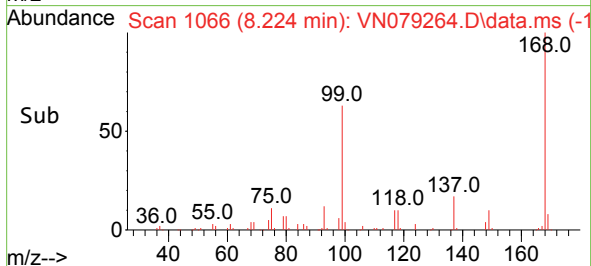
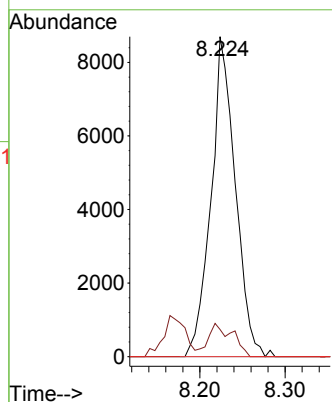
Tgt Ion: 75 Resp: 17279

Ion Ratio Lower Upper

75 100

110 10.5 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.449 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VN079264.D

Acq: 15 Sep 2023 11:31

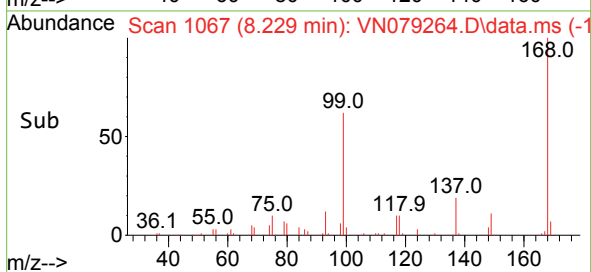
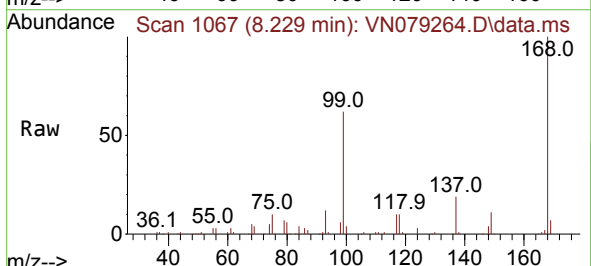
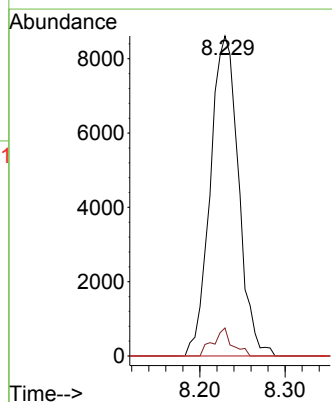
Tgt Ion: 117 Resp: 19833

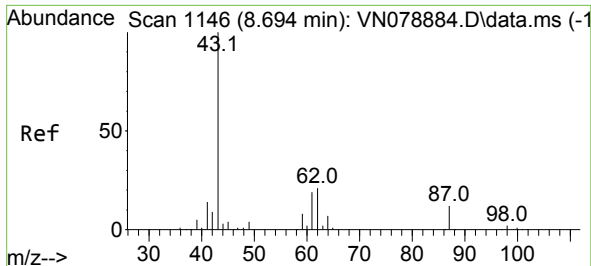
Ion Ratio Lower Upper

117 100

119 8.8 77.3 115.9#

121 0.0 23.3 34.9#

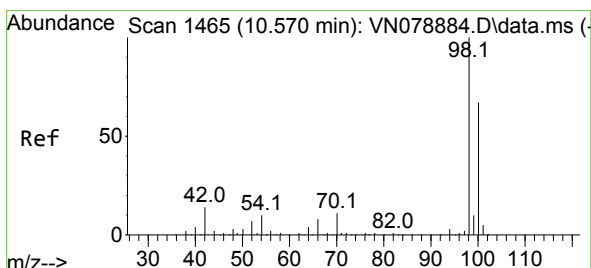
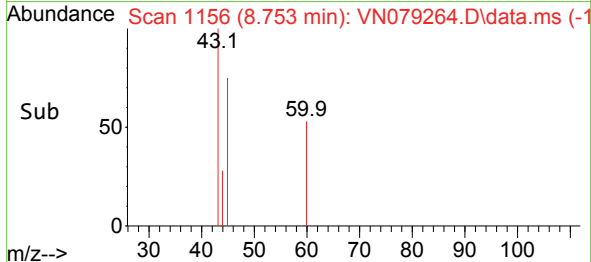
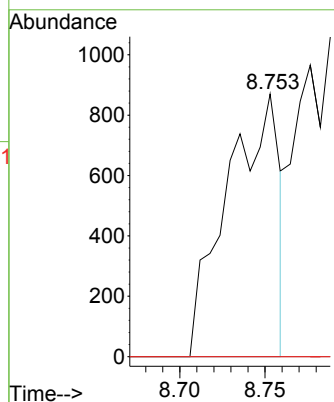
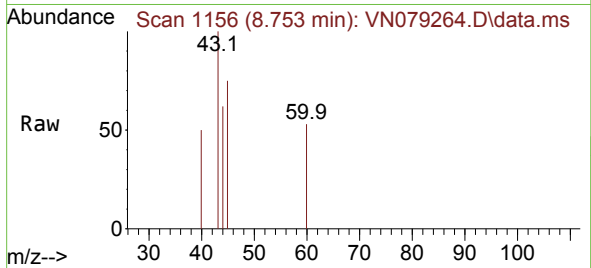




#43
Isopropyl Acetate
Concen: 0.323 ug/l
RT: 8.753 min Scan# 1146
Delta R.T. 0.059 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

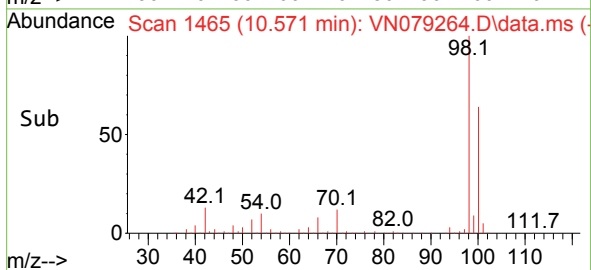
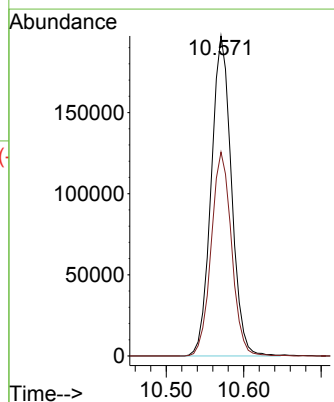
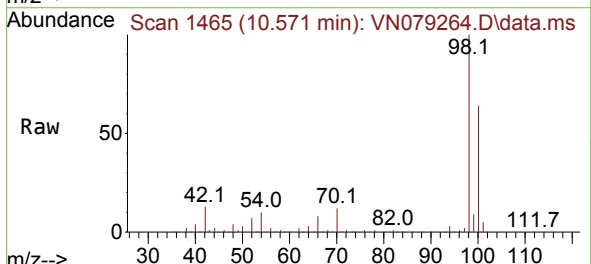
Instrument :
MSVOA_N
ClientSampleId :

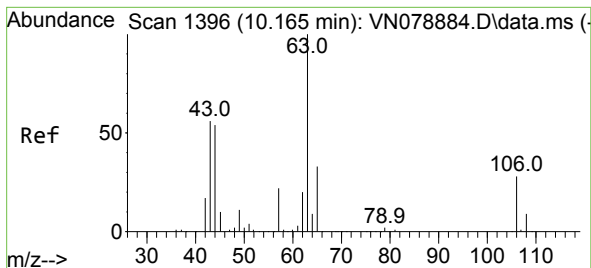
Tgt Ion: 43 Resp: 1851
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 42.754 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Tgt Ion: 98 Resp: 358204
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

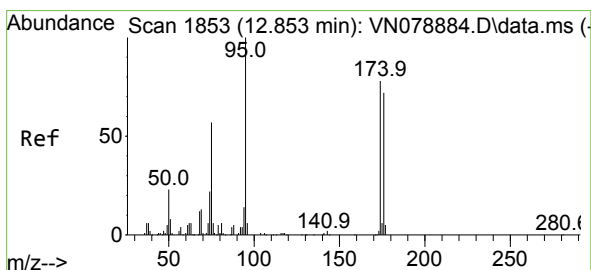
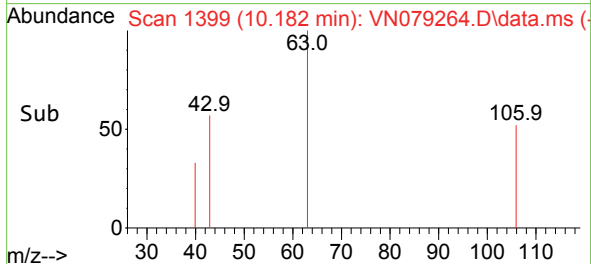
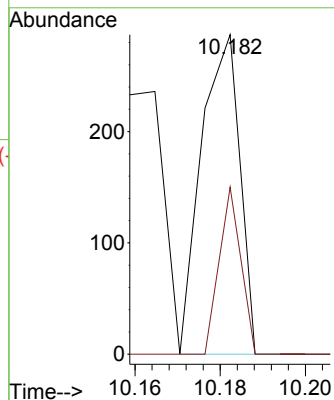
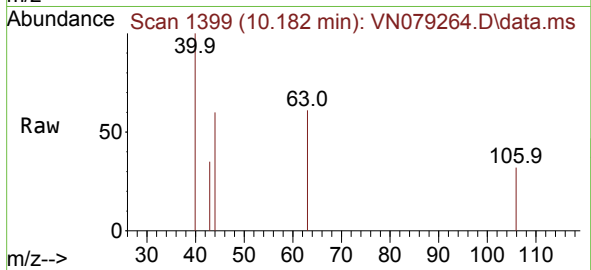




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 10.182 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

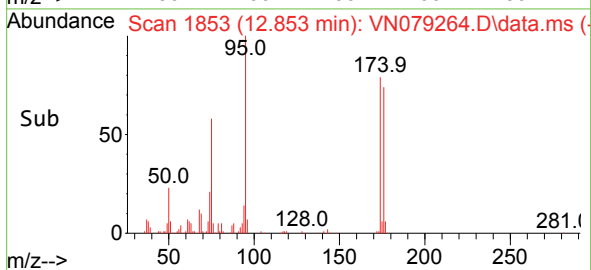
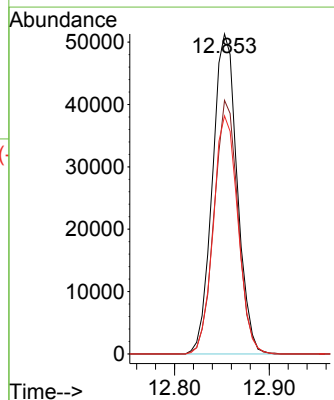
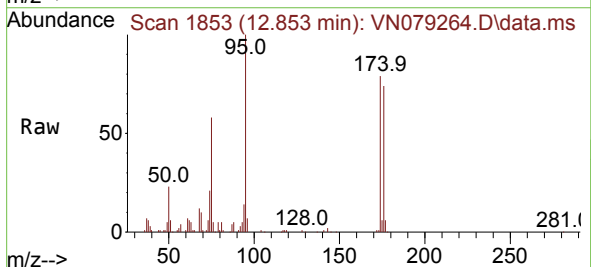
Instrument :
MSVOA_N
ClientSampleId :

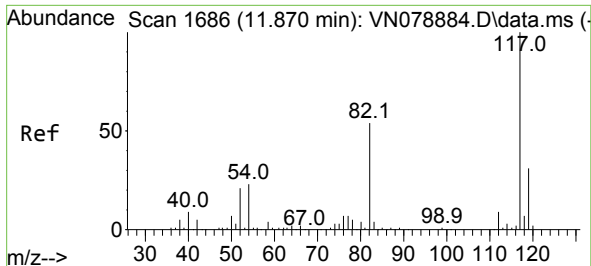
Tgt Ion: 63 Resp: 179
Ion Ratio Lower Upper
63 100
106 29.6 26.2 39.4



#62
4-Bromofluorobenzene
Concen: 34.704 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Tgt Ion: 95 Resp: 92747
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 74.3 0.0 135.8

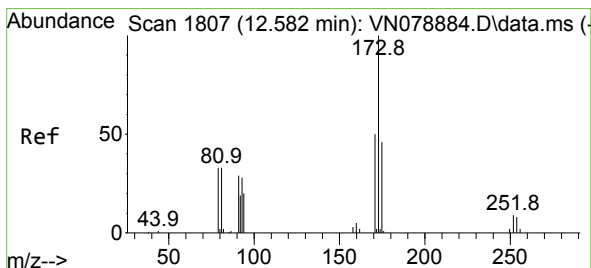
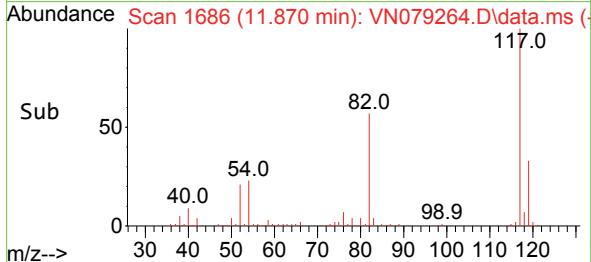
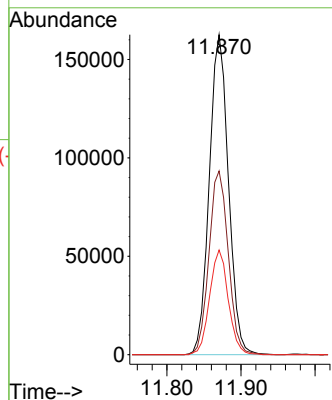
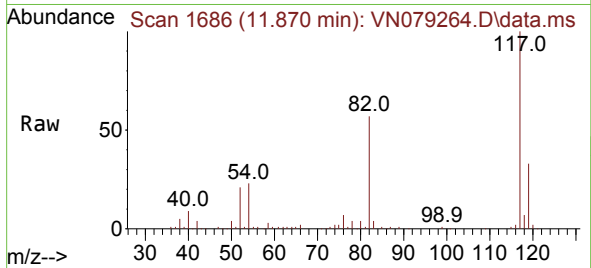




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

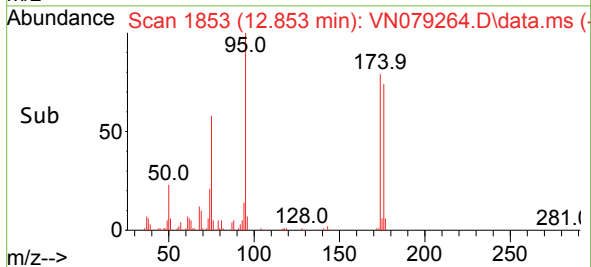
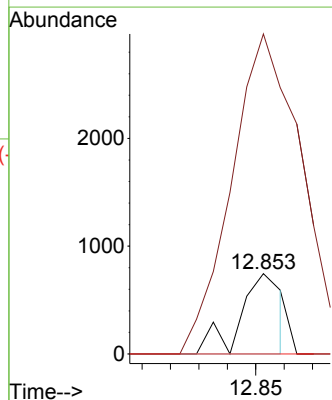
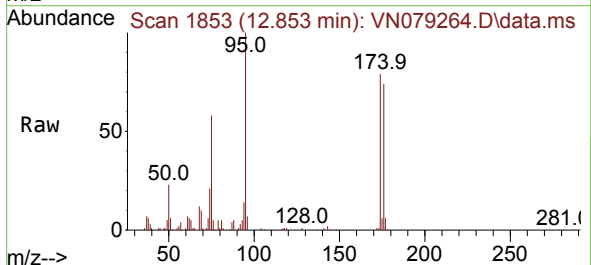
Instrument :
MSVOA_N
ClientSampleId :

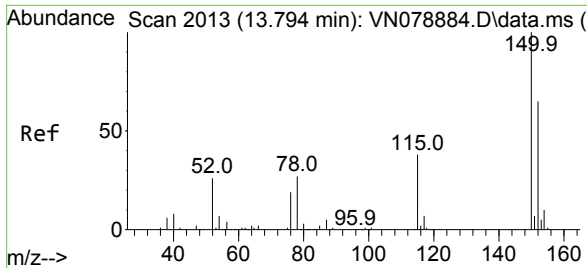
Tgt Ion:117 Resp: 291814
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 32.7 25.6 38.4



#71
Bromoform
Concen: 0.418 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Tgt Ion:173 Resp: 765
Ion Ratio Lower Upper
173 100
175 484.4 24.3 73.0#
254 0.0 0.0 0.0

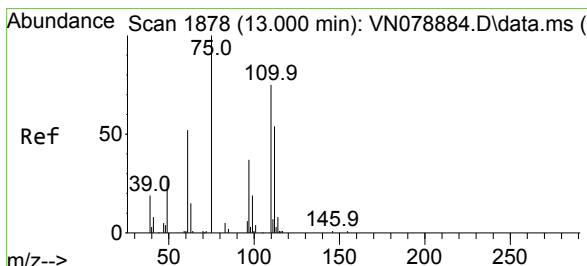
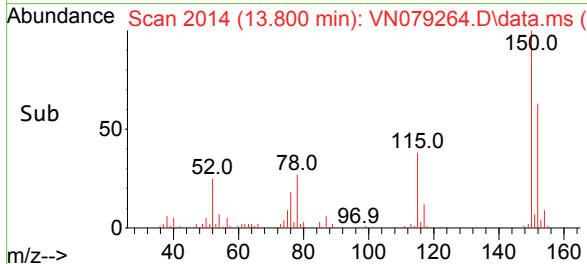
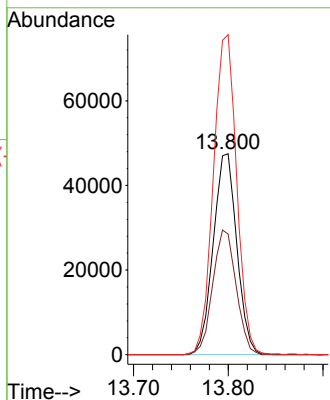
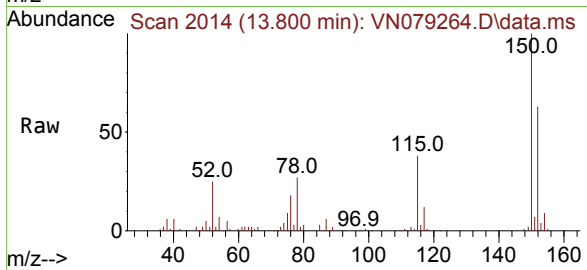




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079264.D
 Acq: 15 Sep 2023 11:31

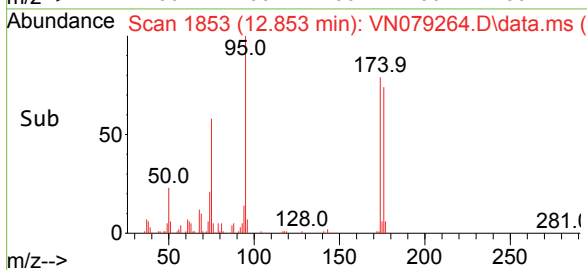
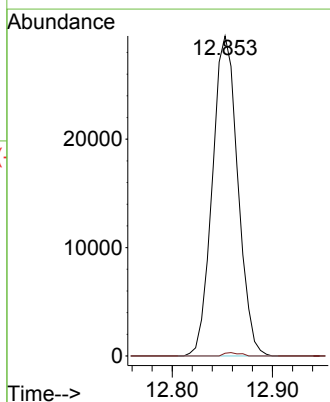
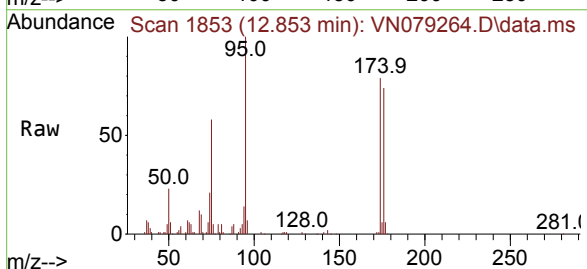
Instrument :
 MSVOA_N
 ClientSampleId :

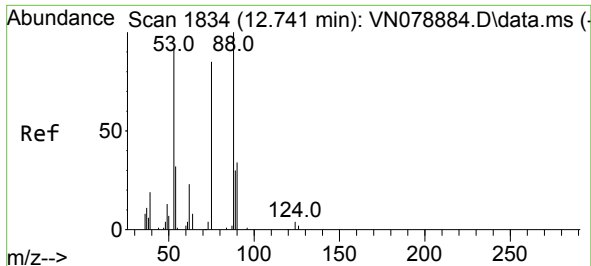
Tgt Ion:152 Resp: 82314
 Ion Ratio Lower Upper
 152 100
 115 61.5 32.3 96.8
 150 157.4 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 23.424 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN079264.D
 Acq: 15 Sep 2023 11:31

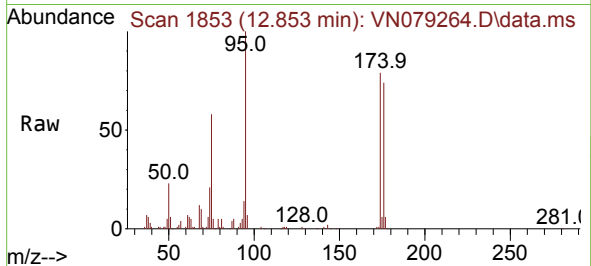
Tgt Ion: 75 Resp: 51966
 Ion Ratio Lower Upper
 75 100
 77 0.7 84.5 253.5#



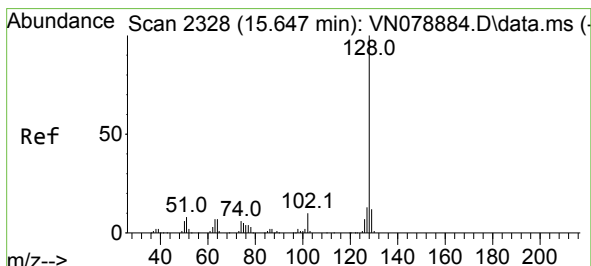
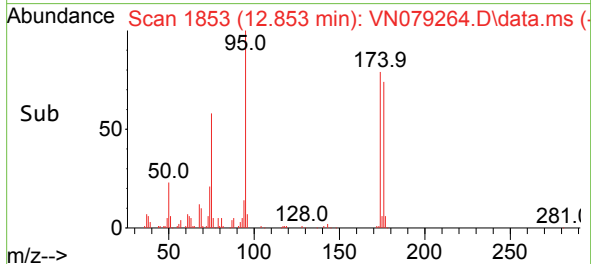
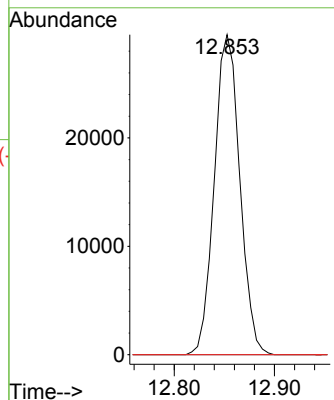


#81
trans-1,4-Dichloro-2-butene
Concen: 64.398 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 51966
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.298 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Tgt Ion: 128 Resp: 975
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#

