

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079664.D
 Acq On : 24 Oct 2023 18:02
 Operator : JC\MD
 Sample : 05029-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 02:01:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

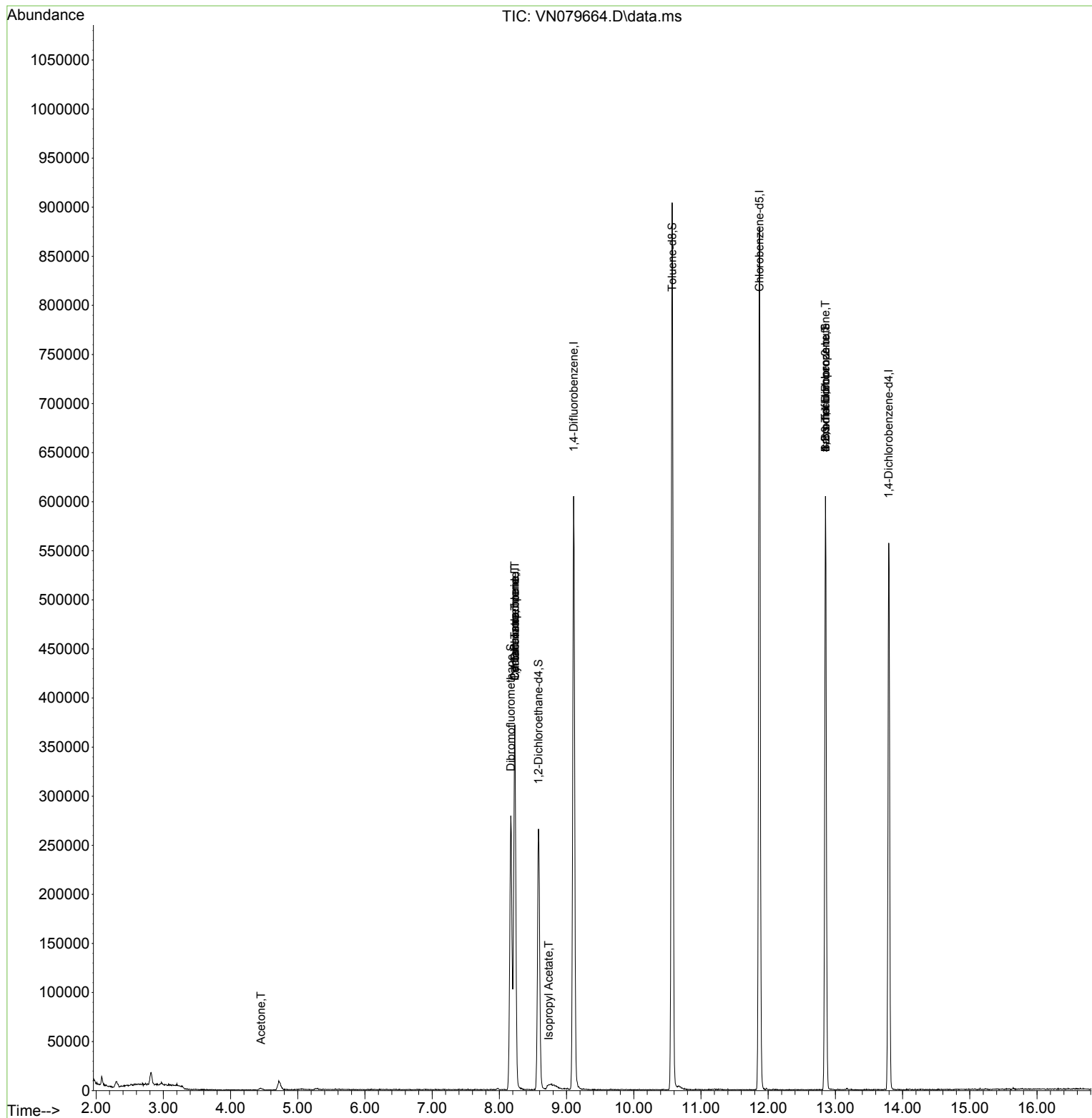
Internal Standards						
1) Pentafluorobenzene	8.230	168	259657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	509317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	488415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	215833	51.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.540%	
35) Dibromofluoromethane	8.171	113	196652	53.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.460%	
50) Toluene-d8	10.571	98	601597	45.426	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.860%	
62) 4-Bromofluorobenzene	12.853	95	196548	46.246	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	3965	2.374	ug/l	89
20) Methylene Chloride	5.289	84	1075	Below Cal	#	73
31) Cyclohexane	8.230	56	6970	1.167	ug/l #	53
36) 1,1-Dichloropropene	8.230	75	23511	4.280	ug/l #	47
38) Carbon Tetrachloride	8.230	117	27455	4.992	ug/l #	16
43) Isopropyl Acetate	8.735	43	4359	0.455	ug/l #	49
71) Bromoform	12.853	173	1387	0.476	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	111500	26.983	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	111500	78.294	ug/l #	15

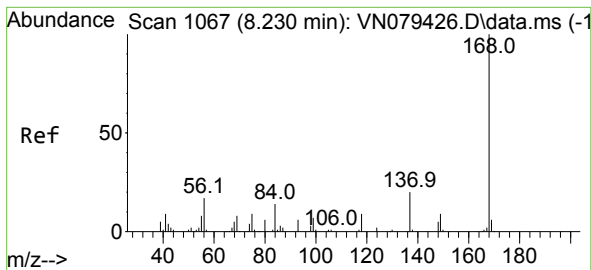
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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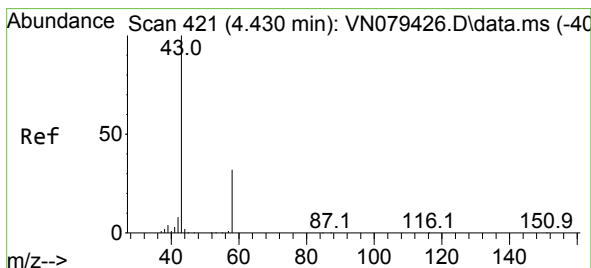
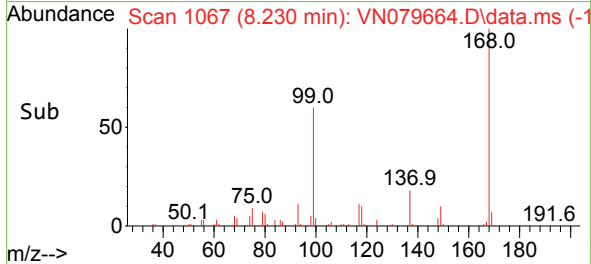
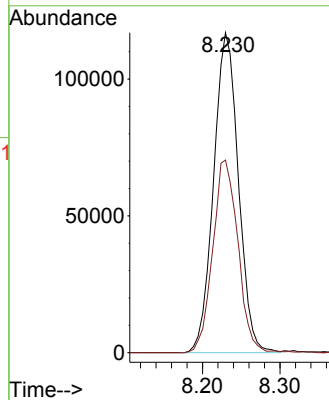
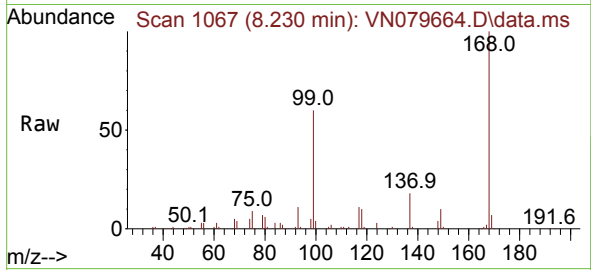




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079664.D
Acq: 24 Oct 2023 18:02

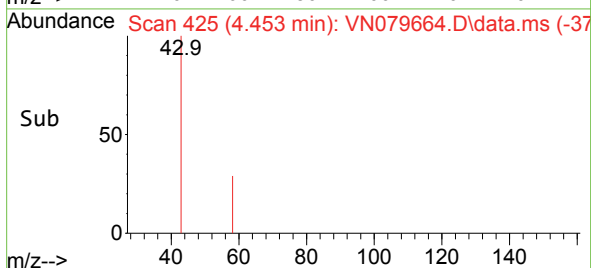
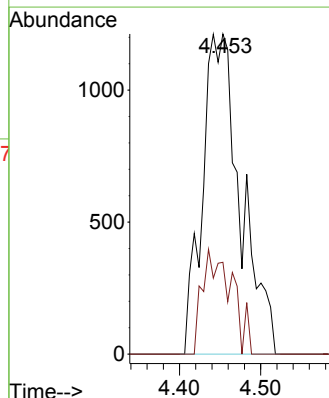
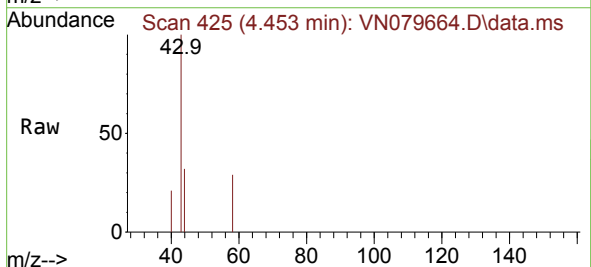
Instrument :
MSVOA_N
ClientSampleId :

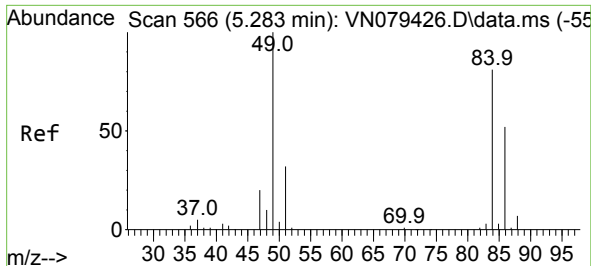
Tgt Ion:168 Resp: 259657
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#16
Acetone
Concen: 2.374 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN079664.D
Acq: 24 Oct 2023 18:02

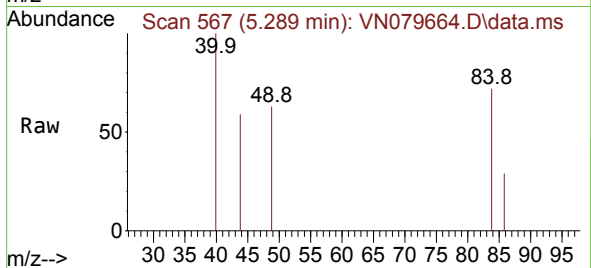
Tgt Ion: 43 Resp: 3965
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0



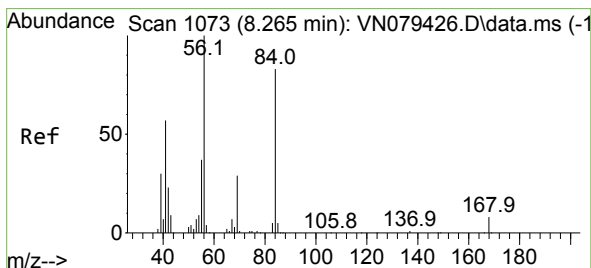
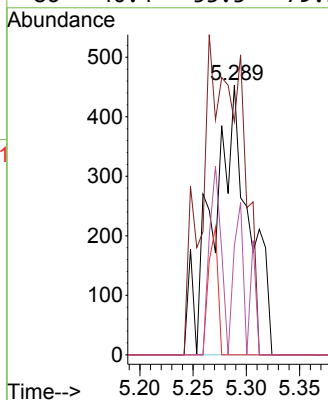
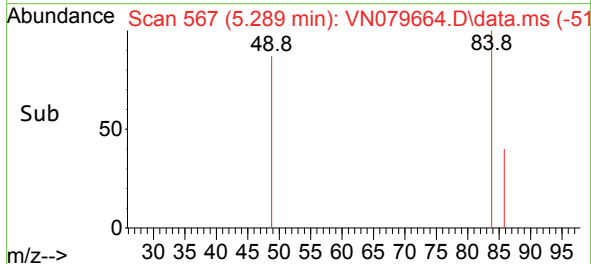


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079664.D
Acq: 24 Oct 2023 18:02

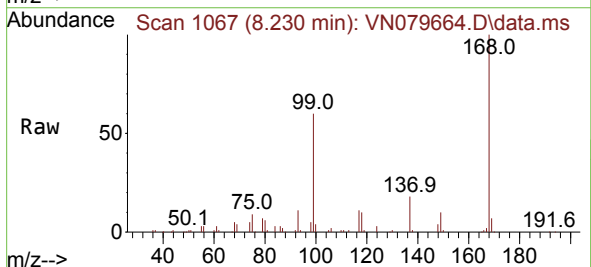
Instrument :
MSVOA_N
ClientSampleId :



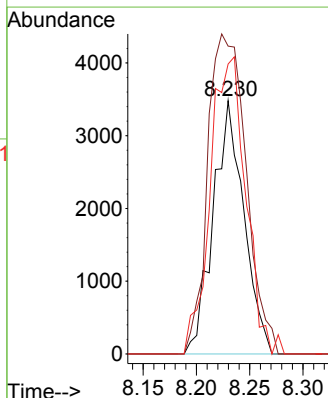
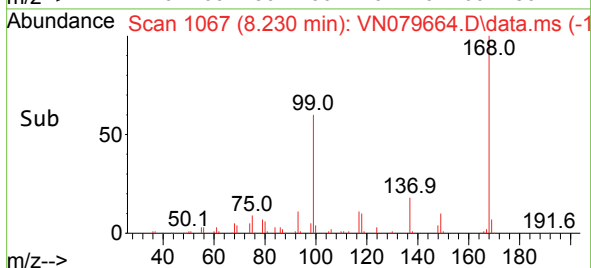
Tgt Ion: 84 Resp: 1075
Ion Ratio Lower Upper
84 100
49 86.5 79.7 119.5
51 0.0 25.2 37.8#
86 40.4 53.3 79.9#

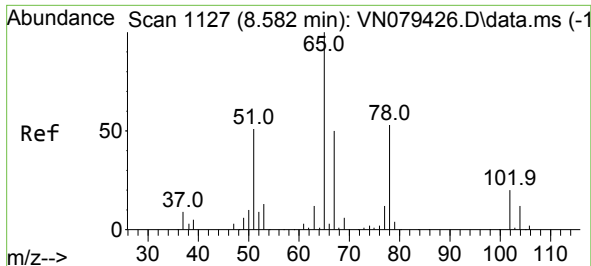


#31
Cyclohexane
Concen: 1.167 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079664.D
Acq: 24 Oct 2023 18:02



Tgt Ion: 56 Resp: 6970
Ion Ratio Lower Upper
56 100
69 121.6 26.8 40.2#
84 114.5 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 51.265 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079664.D

Acq: 24 Oct 2023 18:02

Instrument :

MSVOA_N

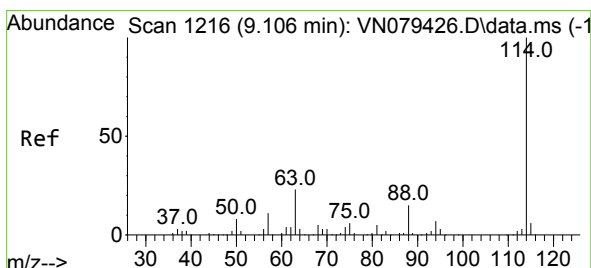
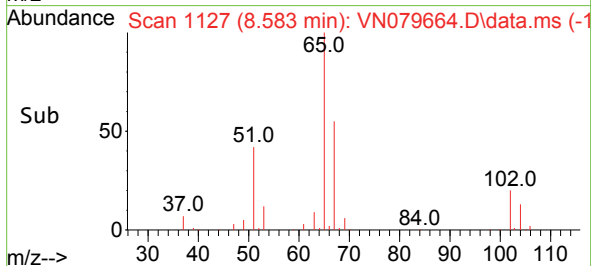
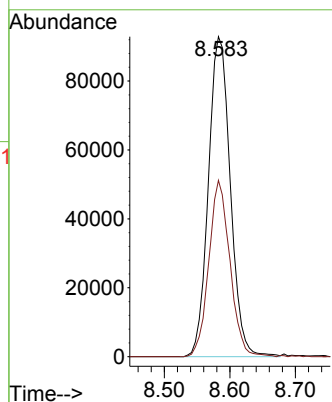
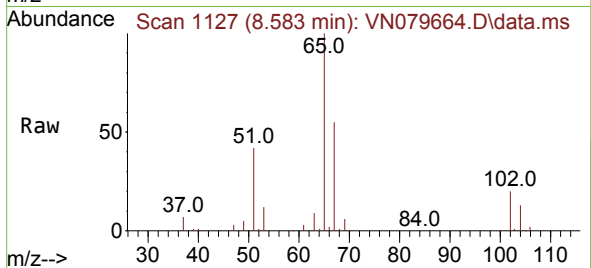
ClientSampleId :

Tgt Ion: 65 Resp: 215833

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079664.D

Acq: 24 Oct 2023 18:02

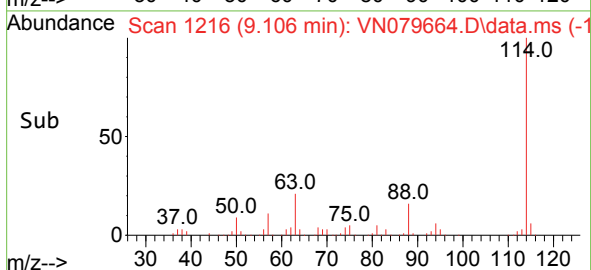
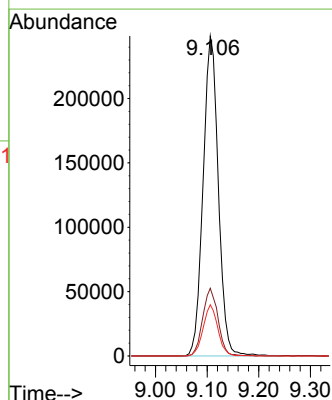
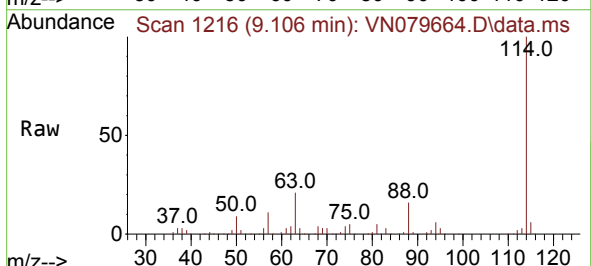
Tgt Ion: 114 Resp: 509317

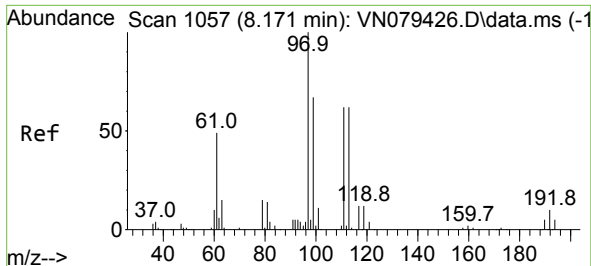
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.728 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

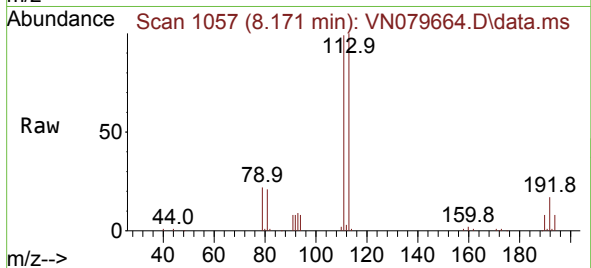
Lab File: VN079664.D

Acq: 24 Oct 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :



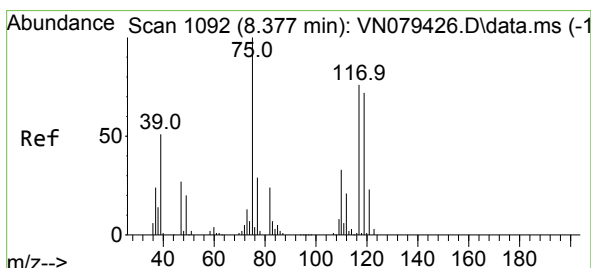
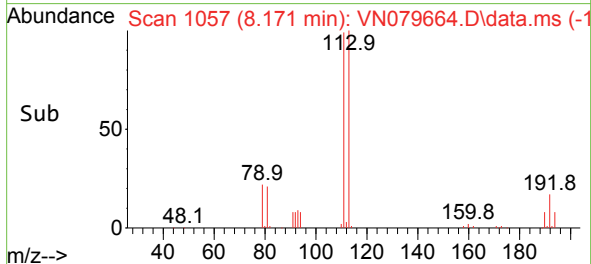
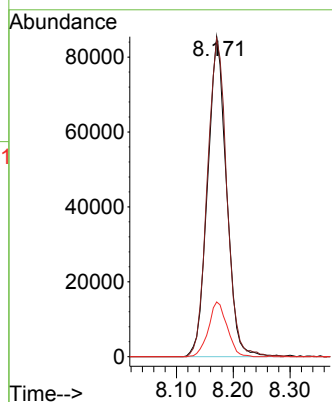
Tgt Ion:113 Resp: 196652

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 16.9 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.280 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079664.D

Acq: 24 Oct 2023 18:02

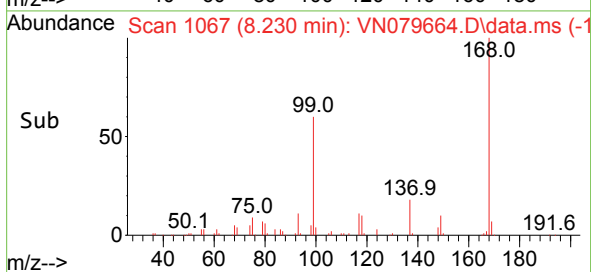
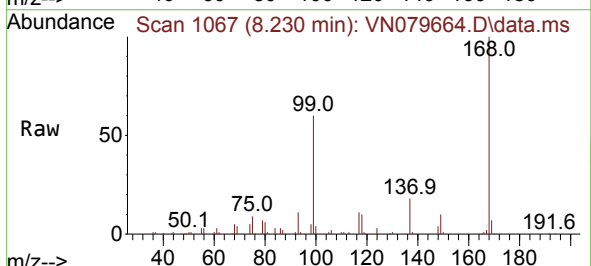
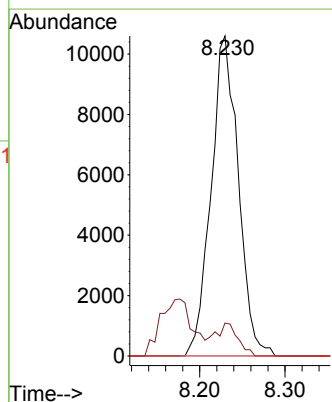
Tgt Ion: 75 Resp: 23511

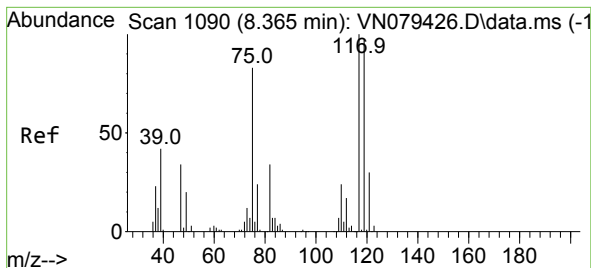
Ion Ratio Lower Upper

75 100

110 7.8 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.992 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

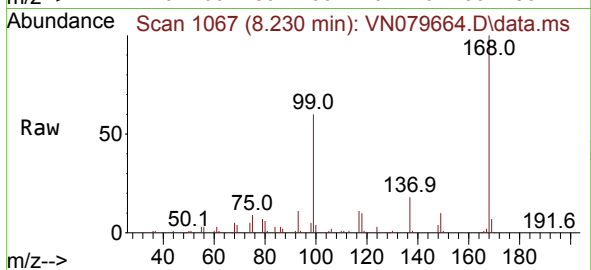
Lab File: VN079664.D

Acq: 24 Oct 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :



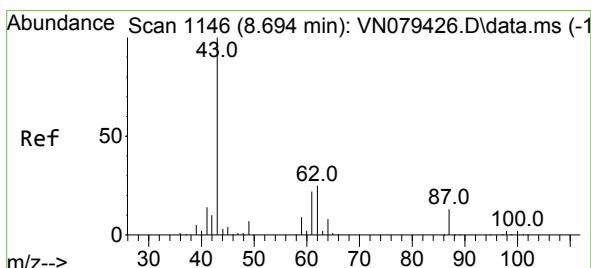
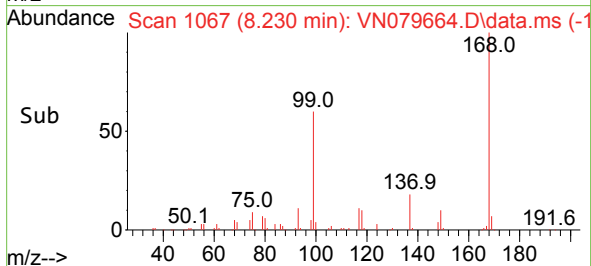
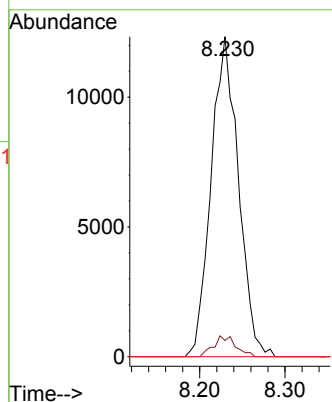
Tgt Ion:117 Resp: 27455

Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 0.455 ug/l

RT: 8.735 min Scan# 1153

Delta R.T. 0.041 min

Lab File: VN079664.D

Acq: 24 Oct 2023 18:02

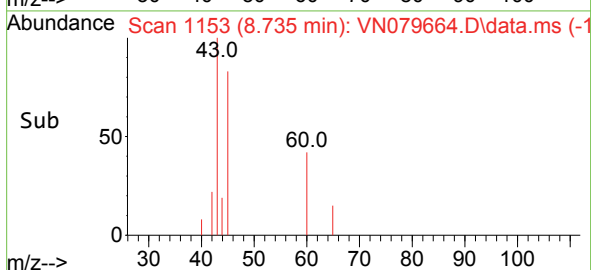
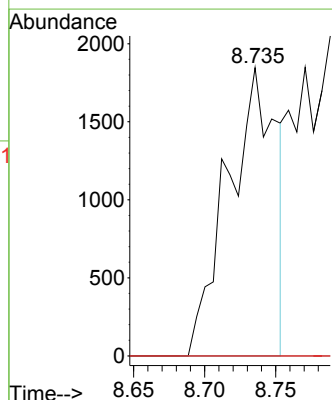
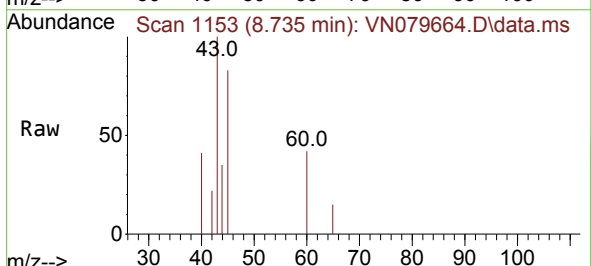
Tgt Ion: 43 Resp: 4359

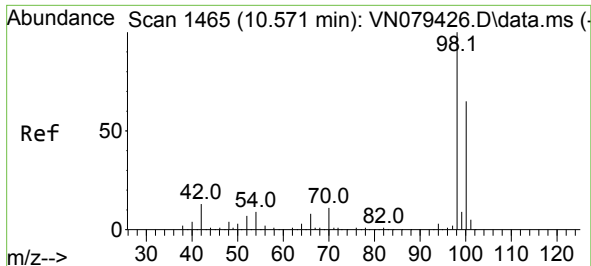
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

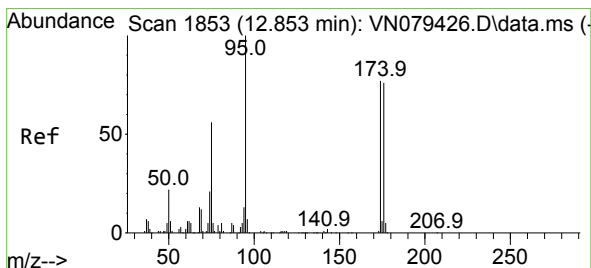
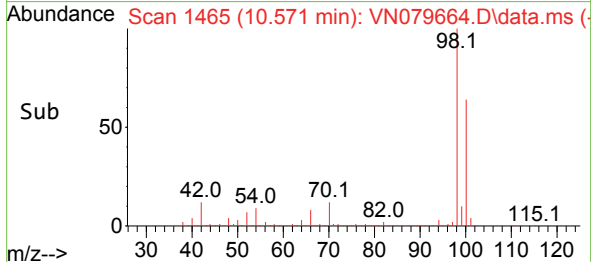
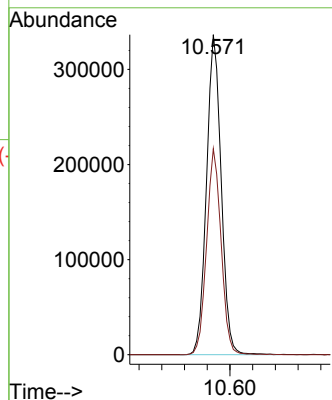
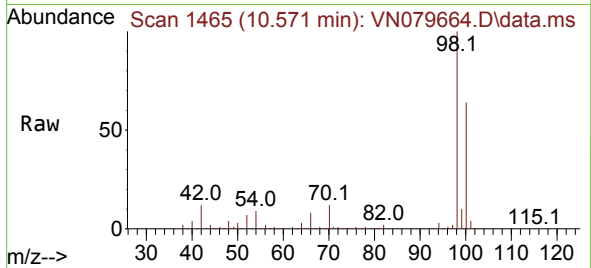




#50
Toluene-d8
Concen: 45.426 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079664.D
Acq: 24 Oct 2023 18:02

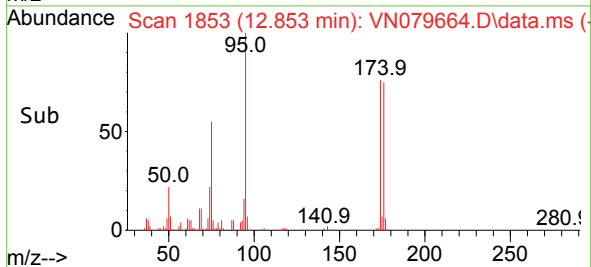
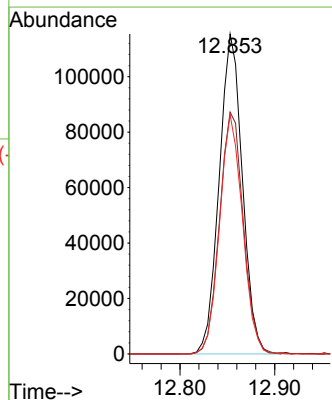
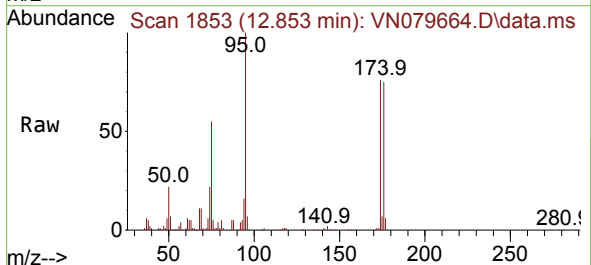
Instrument :
MSVOA_N
ClientSampleId :

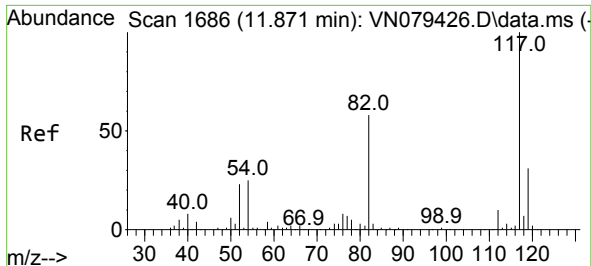
Tgt Ion: 98 Resp: 601597
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.246 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079664.D
Acq: 24 Oct 2023 18:02

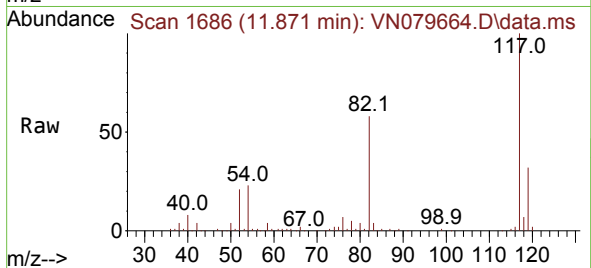
Tgt Ion: 95 Resp: 196548
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 73.8 0.0 135.8



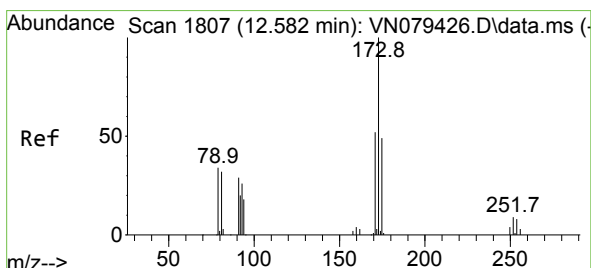
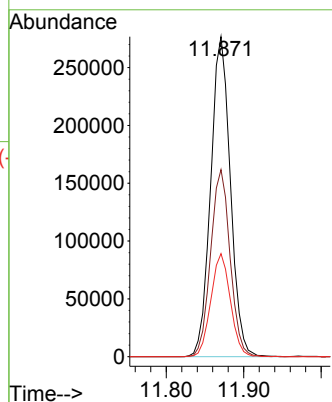
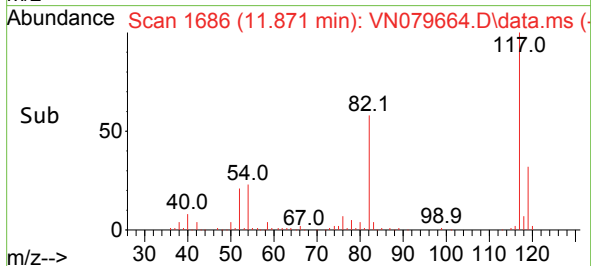


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079664.D
Acq: 24 Oct 2023 18:02

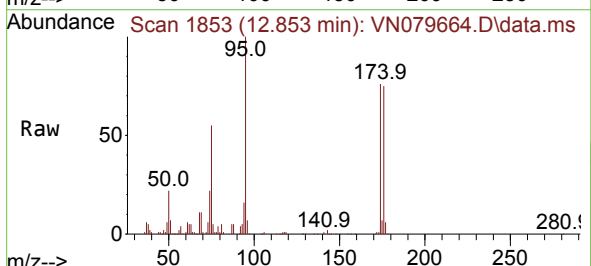
Instrument :
MSVOA_N
ClientSampleId :



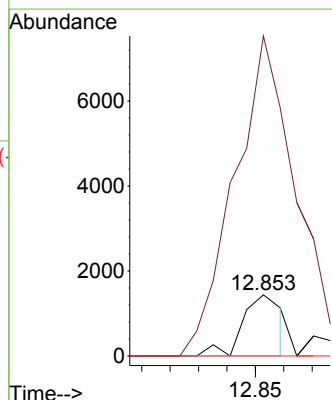
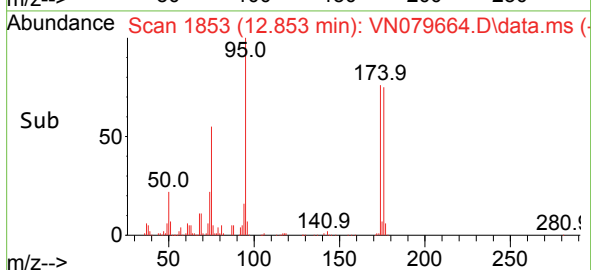
Tgt Ion:117 Resp: 488415
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 32.2 25.6 38.4

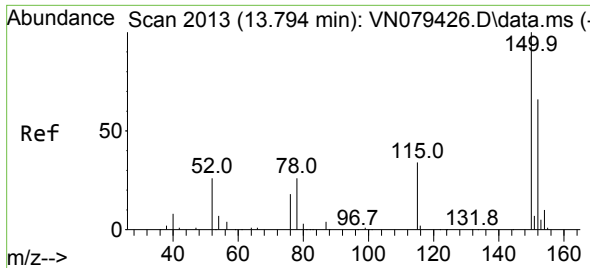


#71
Bromoform
Concen: 0.476 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079664.D
Acq: 24 Oct 2023 18:02



Tgt Ion:173 Resp: 1387
Ion Ratio Lower Upper
173 100
175 628.6 24.3 73.0#
254 0.0 0.0 0.0

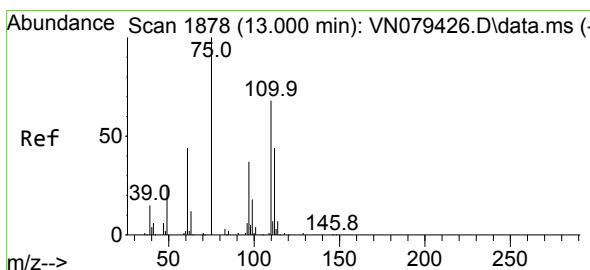
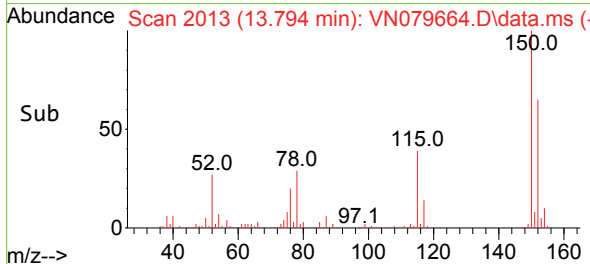
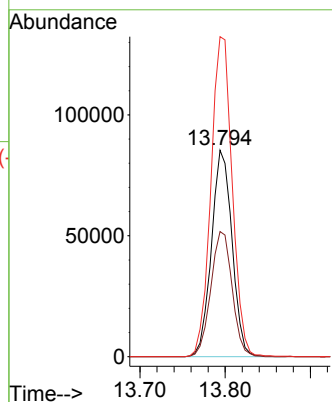
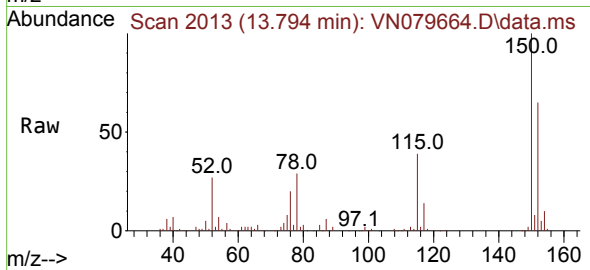




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079664.D
 Acq: 24 Oct 2023 18:02

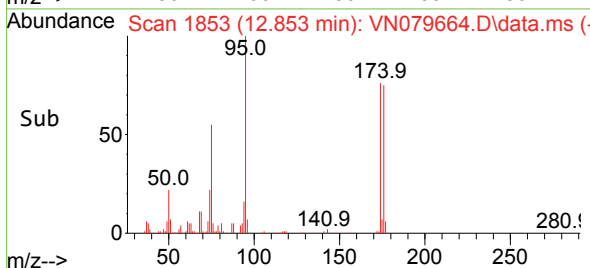
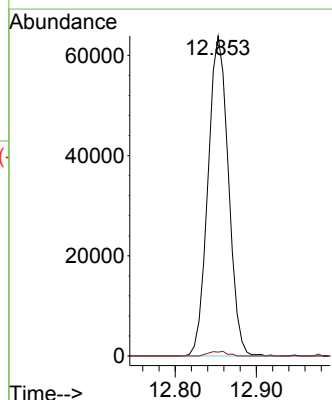
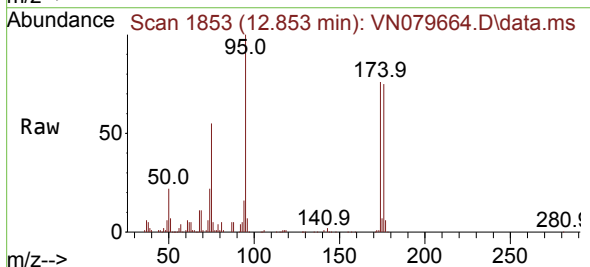
Instrument :
 MSVOA_N
 ClientSampleId :

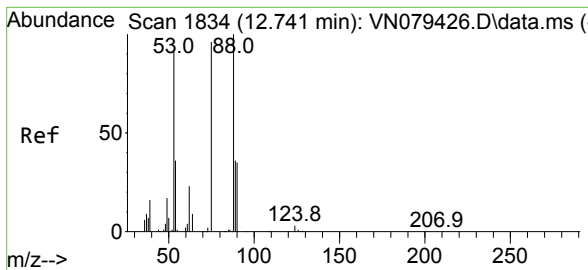
Tgt Ion:152 Resp: 143315
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.3 96.8
 150 160.1 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 26.983 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN079664.D
 Acq: 24 Oct 2023 18:02

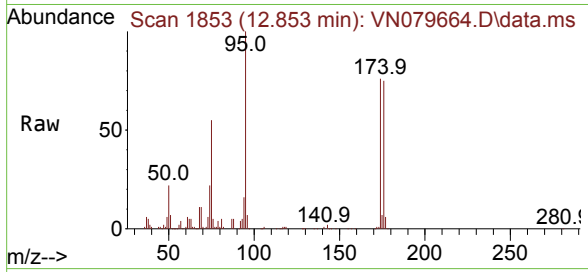
Tgt Ion: 75 Resp: 111500
 Ion Ratio Lower Upper
 75 100
 77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.294 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079664.D
 Acq: 24 Oct 2023 18:02

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 111500
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

