

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079669.D
 Acq On : 24 Oct 2023 20:01
 Operator : JC\MD
 Sample : 05029-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 02:11:11 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)

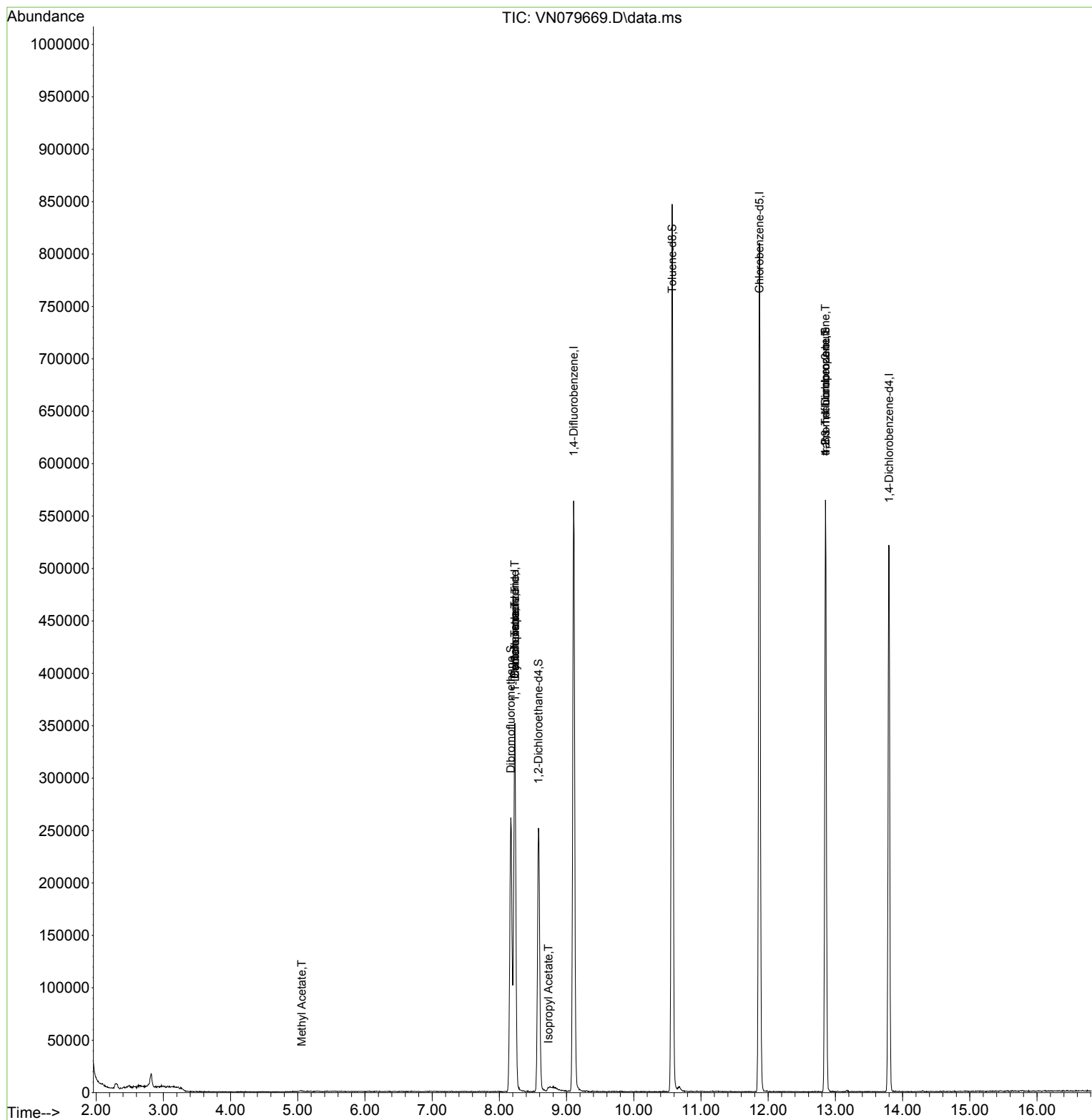
Internal Standards						
1) Pentafluorobenzene	8.230	168	245324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	477347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	460736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	135790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208535	52.426	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.860%	
35) Dibromofluoromethane	8.171	113	187422	54.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.280%	
50) Toluene-d8	10.571	98	571673	46.058	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.120%	
62) 4-Bromofluorobenzene	12.853	95	187938	47.181	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.360%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	5.059	43	1568	0.203	ug/l #	42
20) Methylene Chloride	5.271	84	188	Below Cal	#	13
31) Cyclohexane	8.230	56	6610	1.172	ug/l #	50
36) 1,1-Dichloropropene	8.236	75	23385	4.542	ug/l #	48
38) Carbon Tetrachloride	8.230	117	27042	5.247	ug/l #	16
43) Isopropyl Acetate	8.730	43	2389	0.266	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.859	83	148	Below Cal	#	2
76) 1,2,3-Trichloropropane	12.853	75	102475	26.174	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	102475	75.944	ug/l #	15

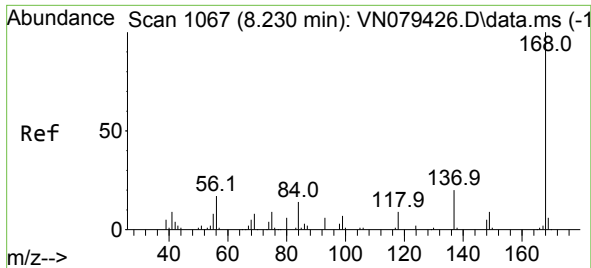
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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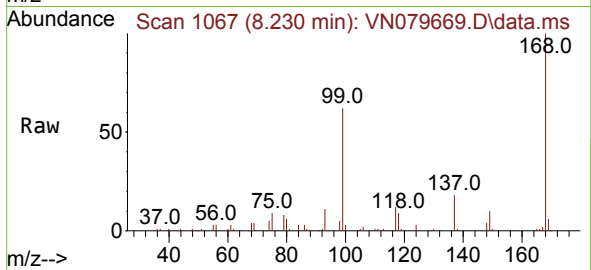
Quant Time: Oct 25 02:11:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration



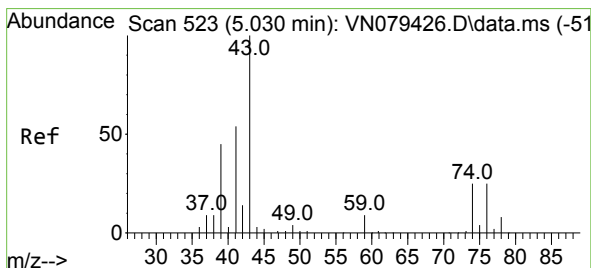
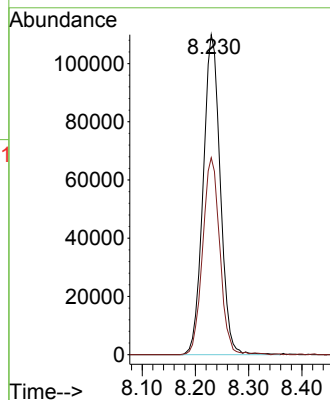
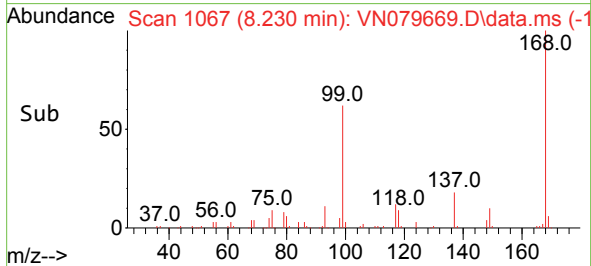


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

Instrument :
MSVOA_N
ClientSampleId :

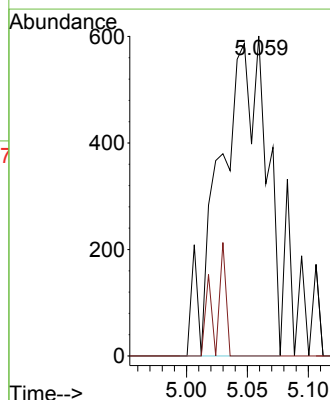
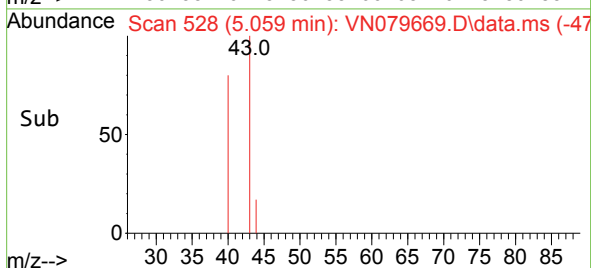
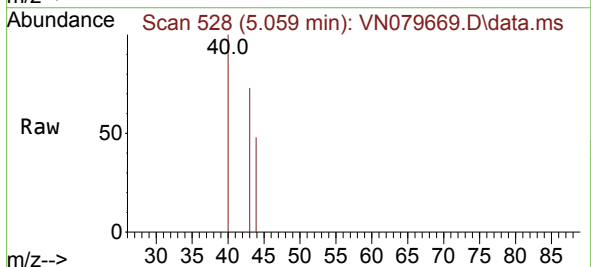


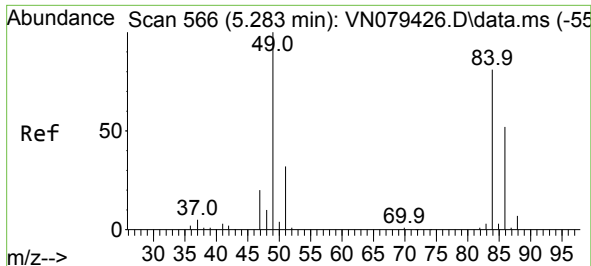
Tgt Ion:168 Resp: 245324
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 5.059 min Scan# 528
Delta R.T. 0.029 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.271 min Scan# 5

Delta R.T. -0.012 min

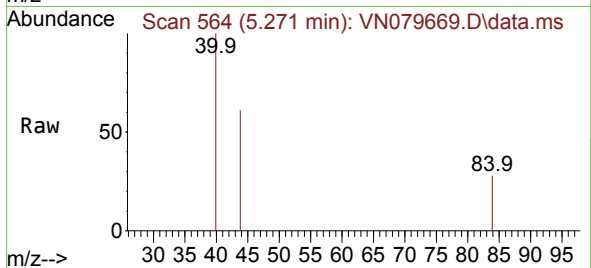
Lab File: VN079669.D

Acq: 24 Oct 2023 20:01

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 188

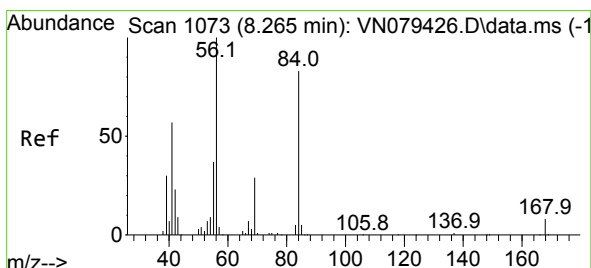
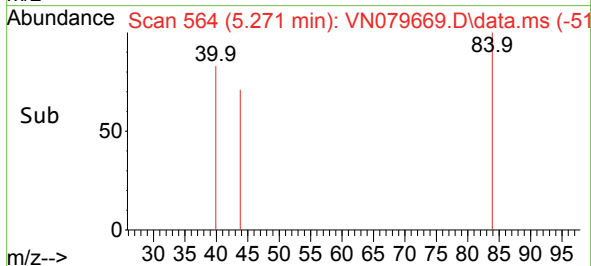
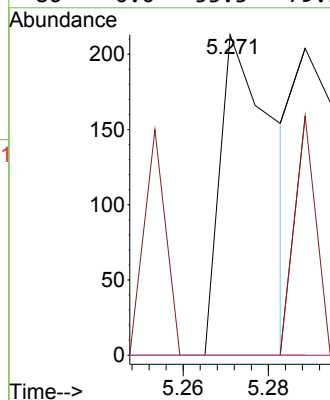
Ion Ratio Lower Upper

84 100

49 0.0 79.7 119.5#

51 0.0 25.2 37.8#

86 0.0 53.3 79.9#



#31

Cyclohexane

Concen: 1.172 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN079669.D

Acq: 24 Oct 2023 20:01

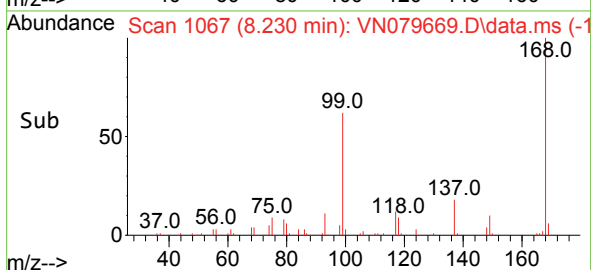
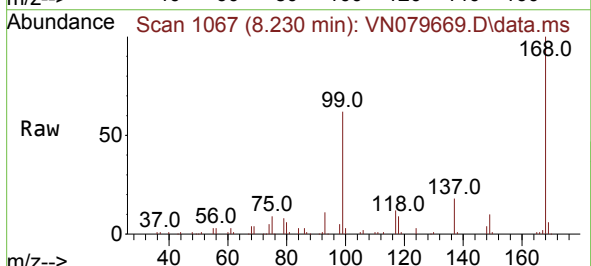
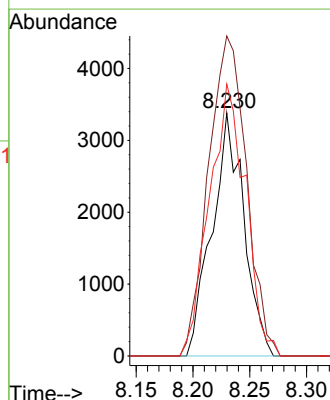
Tgt Ion: 56 Resp: 6610

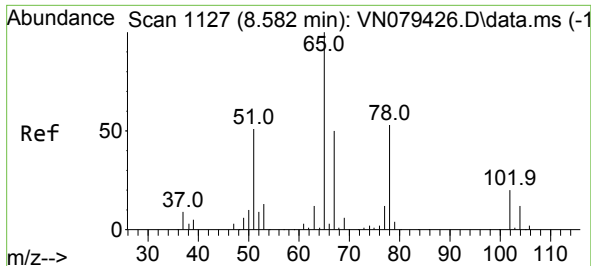
Ion Ratio Lower Upper

56 100

69 131.7 26.8 40.2#

84 111.9 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 52.426 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079669.D

Acq: 24 Oct 2023 20:01

Instrument :

MSVOA_N

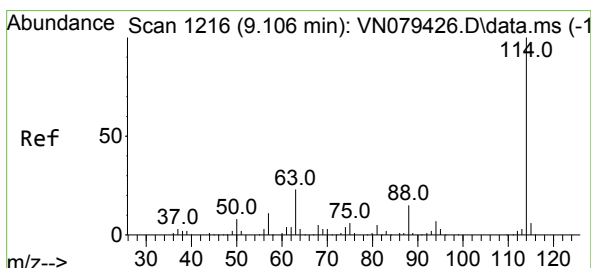
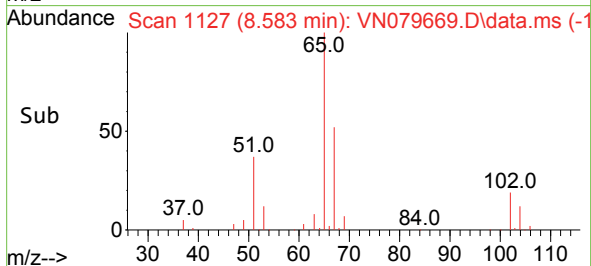
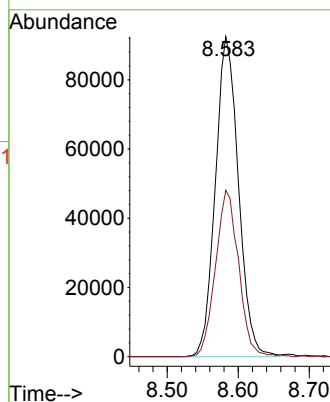
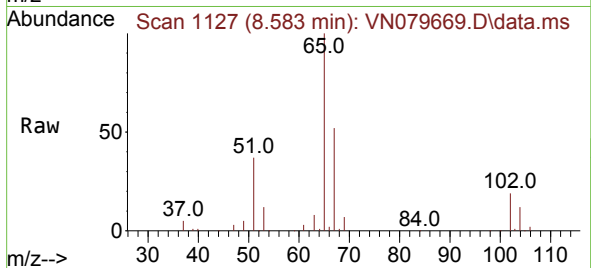
ClientSampleId :

Tgt Ion: 65 Resp: 208535

Ion Ratio Lower Upper

65 100

67 52.0 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: VN079669.D

Acq: 24 Oct 2023 20:01

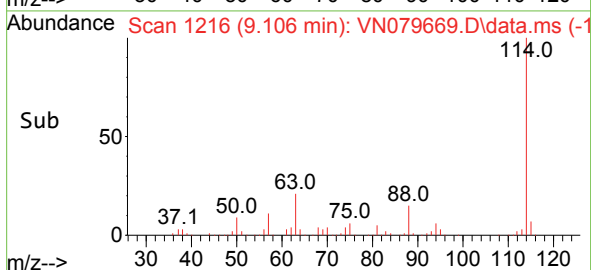
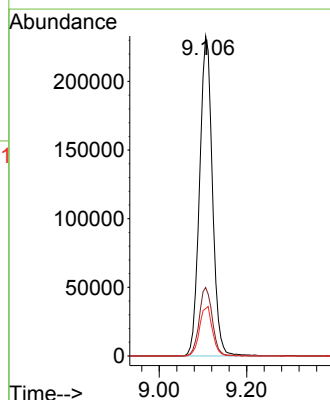
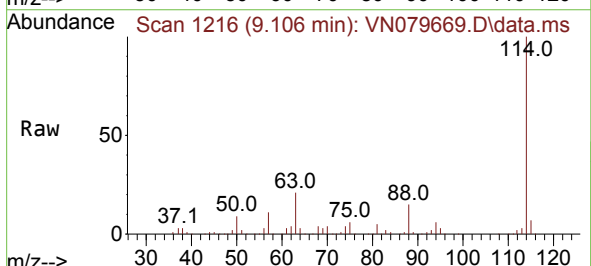
Tgt Ion: 114 Resp: 477347

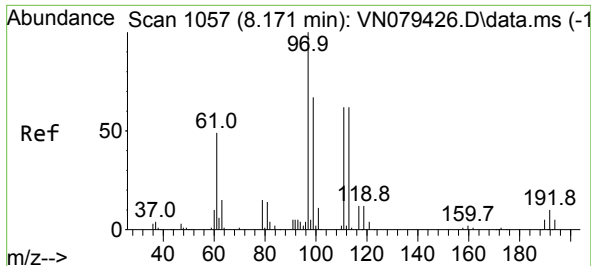
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

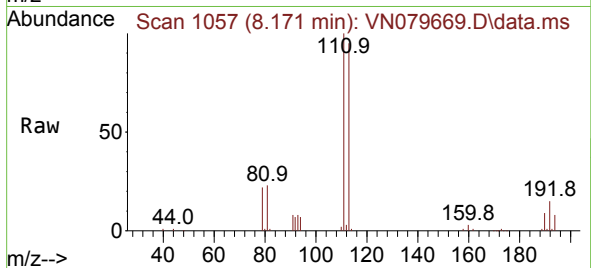
88 14.8 0.0 30.6



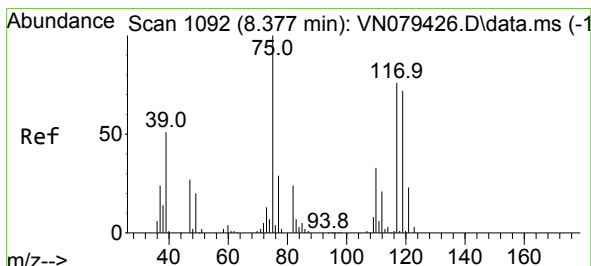
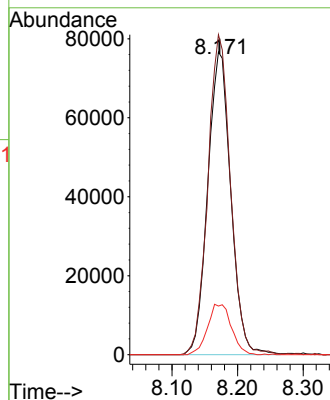
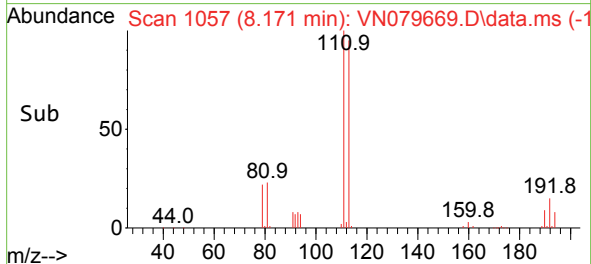


#35
Dibromofluoromethane
Concen: 54.636 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

Instrument :
MSVOA_N
ClientSampleId :

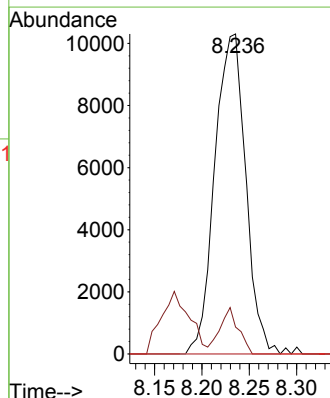
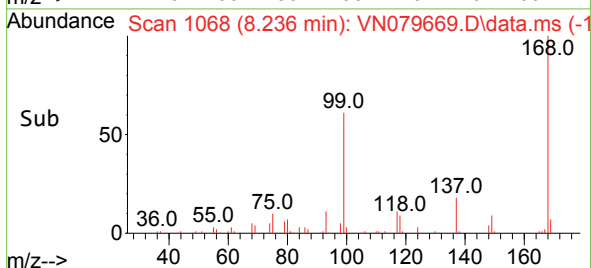
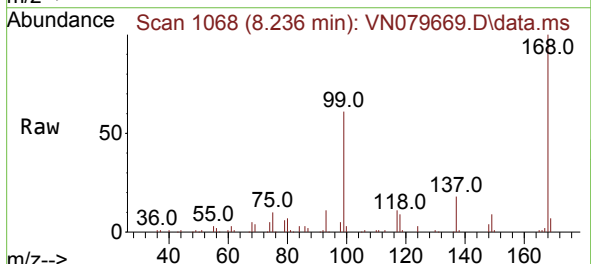


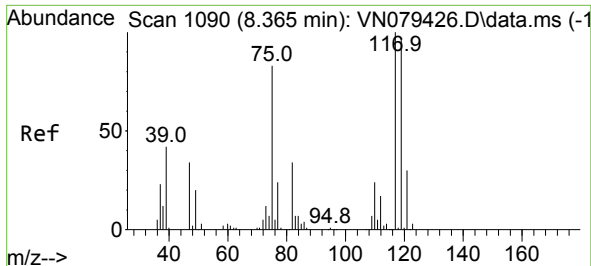
Tgt Ion:113 Resp: 187422
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.542 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

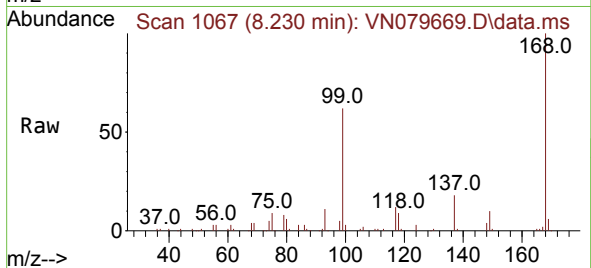
Tgt Ion: 75 Resp: 23385
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.3#
77 0.0 25.0 37.4#



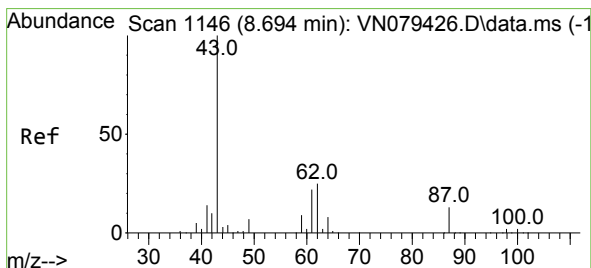
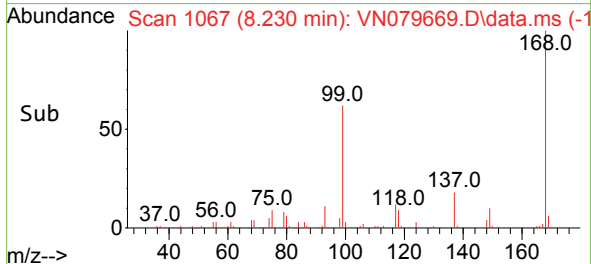
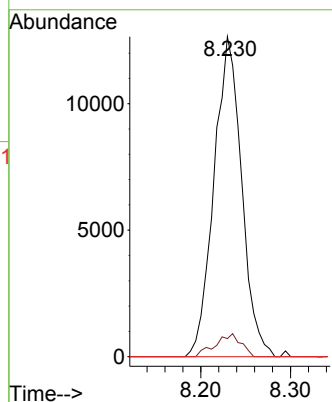


#38
Carbon Tetrachloride
Concen: 5.247 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

Instrument :
MSVOA_N
ClientSampleId :

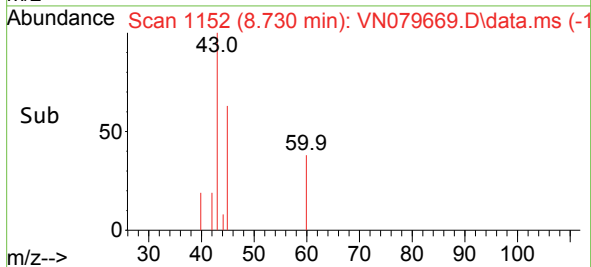
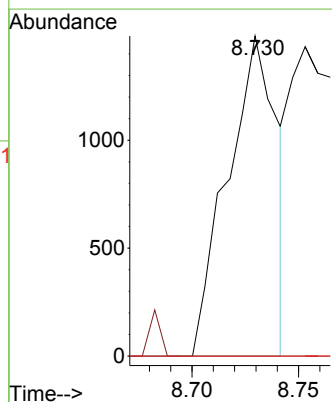
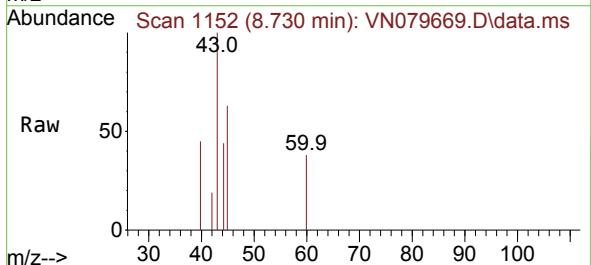


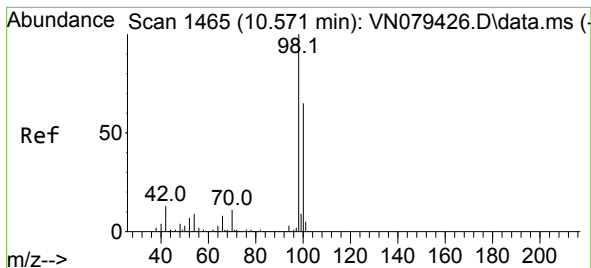
Tgt Ion:117 Resp: 27042
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.266 ug/l
RT: 8.730 min Scan# 1152
Delta R.T. 0.035 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

Tgt Ion: 43 Resp: 2389
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

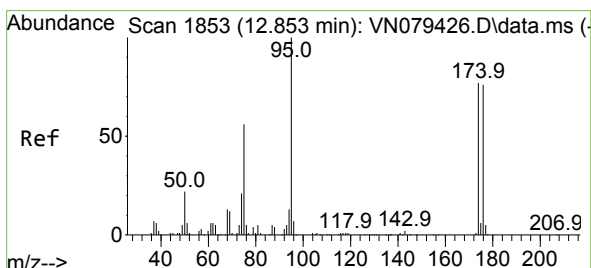
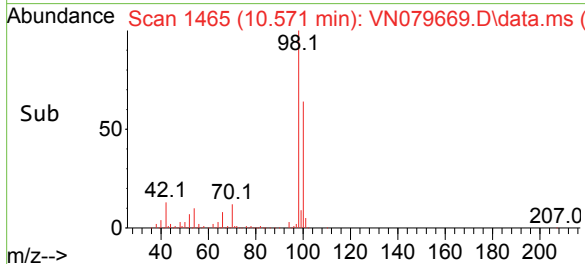
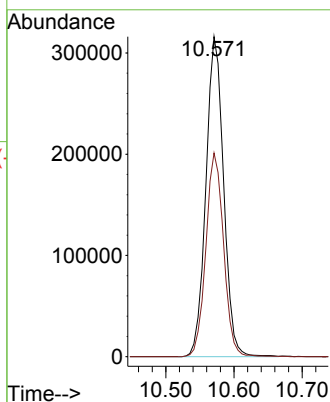
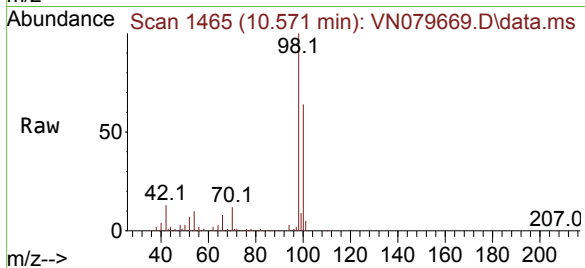




#50
Toluene-d8
Concen: 46.058 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

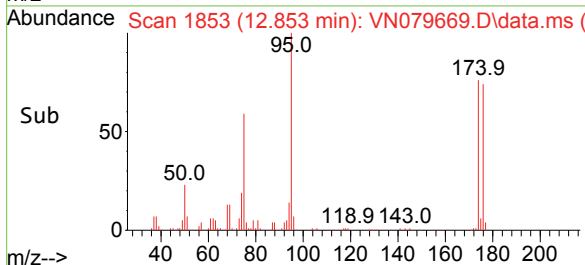
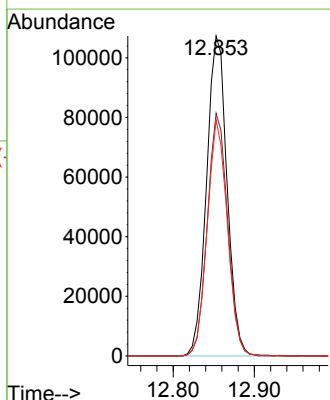
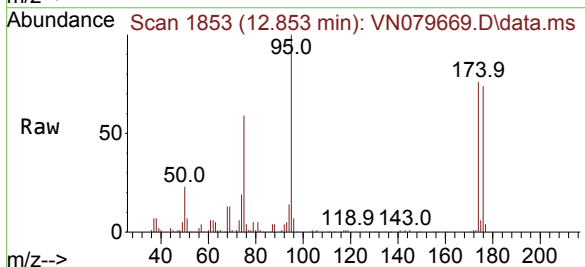
Instrument :
MSVOA_N
ClientSampleId :

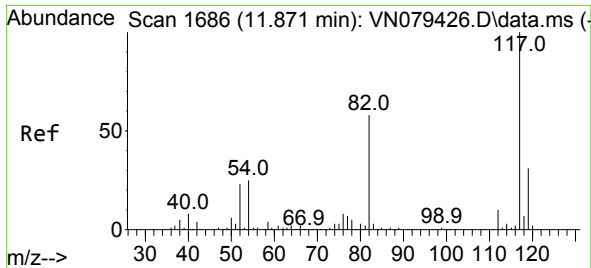
Tgt Ion: 98 Resp: 571673
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.181 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

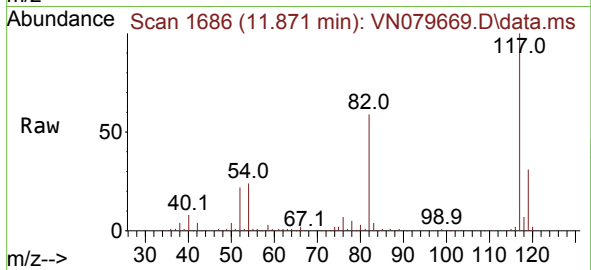
Tgt Ion: 95 Resp: 187938
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.4 0.0 135.8



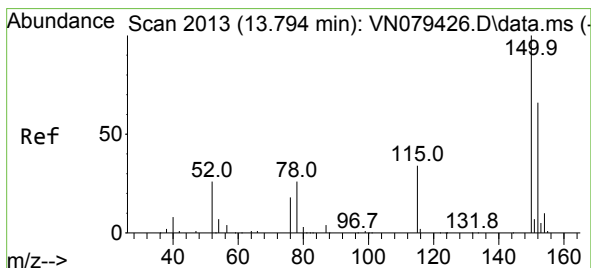
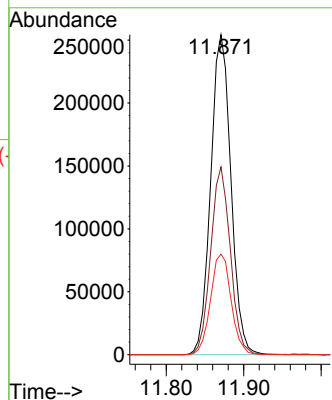
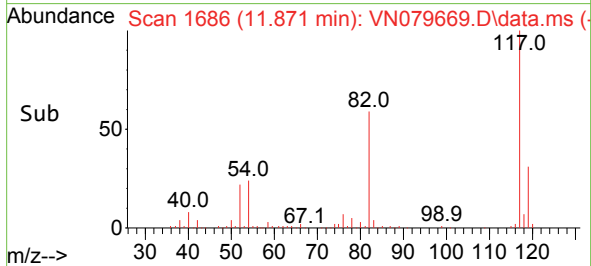


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

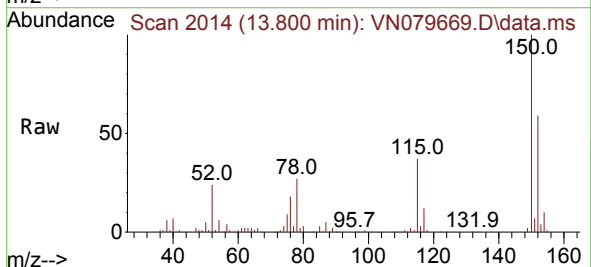
Instrument :
MSVOA_N
ClientSampleId :



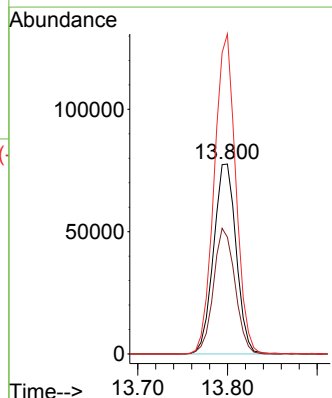
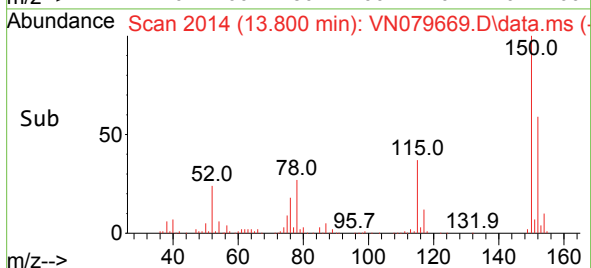
Tgt Ion:117 Resp: 460736
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 31.4 25.6 38.4

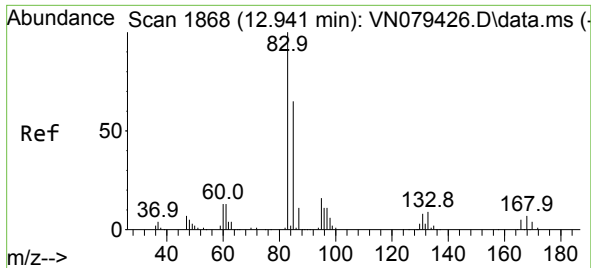


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01



Tgt Ion:152 Resp: 135790
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 160.6 0.0 355.8

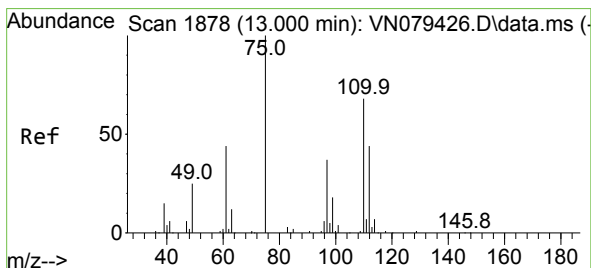
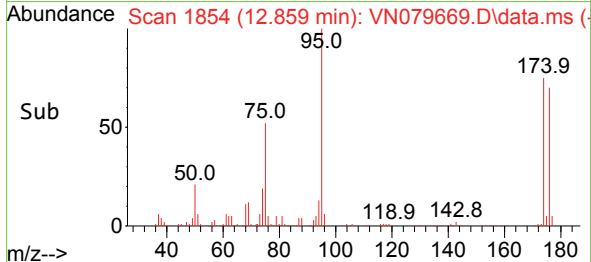
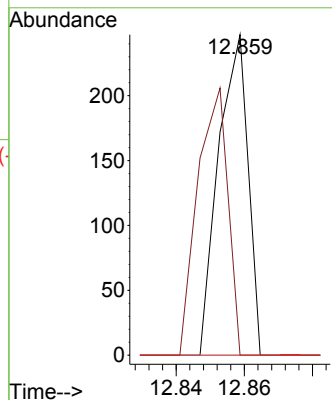
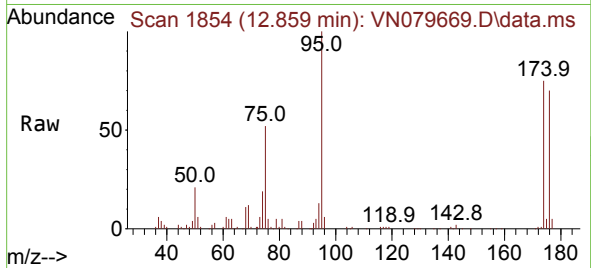




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.859 min Scan# 1854
Delta R.T. -0.082 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

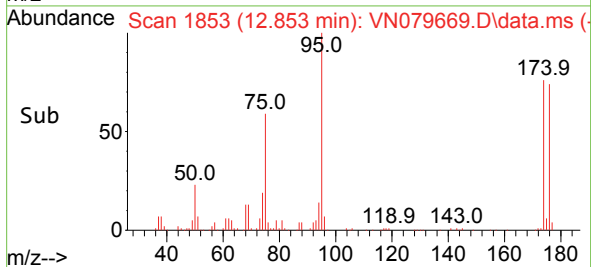
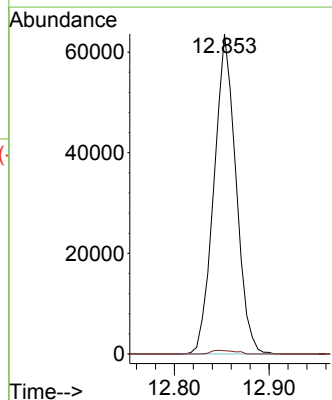
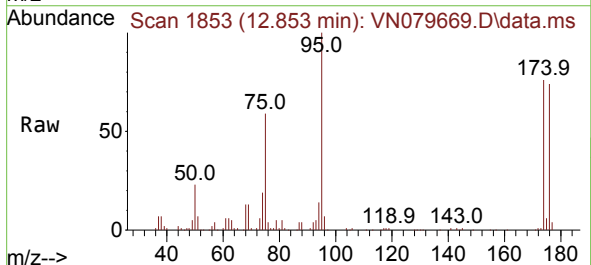
Instrument :
MSVOA_N
ClientSampleId :

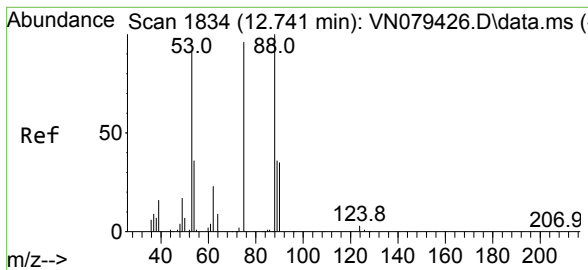
Tgt Ion: 83 Resp: 148
Ion Ratio Lower Upper
83 100
131 85.1 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 26.174 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

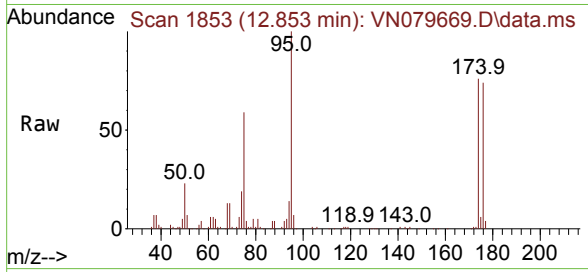
Tgt Ion: 75 Resp: 102475
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.944 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079669.D
 Acq: 24 Oct 2023 20:01

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 102475
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

